Dear student,

I am delighted that you are considering NUS for your further education. As you reflect on your choice of university, I invite you to take time to explore this prospectus which provides useful information on the exciting opportunities which NUS offers.

Each NUS student is a unique individual with his or her own interests and aspirations. Recognising this, we wish to work with our students to discover their talents, pursue their passions, and in the process, develop qualities and skills that will differentiate them and set them apart from the rest. To realise this, we are continually creating new opportunities and enhancing existing programmes, pioneering new approaches for this part of the world and beyond.

Our 16 faculties and schools offer a wide range of academic programmes that stretch students with different interests, drive and capacity. They also serve as unique gateways and bridges to high-quality programmes at renowned partner universities overseas. More than 50% of our undergraduates participate in at least one overseas educational programme while they are with us. Over the next few years, this will rise to 70%. But it will not be just more of the same. A key new initiative will be a novel summer programme where groups of students from different disciplines undertake study visits to our region with faculty members. They will formulate key questions and learn to address them through their field-work, interviews and discussions with experts and peers. At the same time, it will help our students to better understand and network with our region.

Our unique NUS Overseas Colleges (NOC) offer intensive and experiential education at leading entrepreneurial and academic hubs around the world. It is an extremely sought after programme at NUS that has produced more than 90 start-up companies since 2001. Our returning NOC students can now live together in a special residential block located close to the NUS incubators so that they can continue to interact and develop ideas that they had picked up while they were at NOC.

Adding to this vibrancy is the NUS’ University Town, which opened its doors last year. University Town is an exciting new approach where students live and learn together in an intellectually and culturally vibrant environment to explore subjects of global importance with Asian perspectives.

At NUS, you will experience a truly rich and diverse educational journey. I look forward to welcoming you to our university.
From its modest infancy as a medical school founded in 1905, the National University of Singapore (NUS) has grown phenomenally – boasting distinctive strengths in both education and research, and an entrepreneurial dimension.

Established in 1905, NUS has evolved into a global university offering our students a broad-based and flexible curriculum and a distinct global perspective.

It is also a time to celebrate and a time to recognise – NUS has been ranked amongst the World’s Top 50 universities and 3rd in Asia (conducted by the Times Higher Education, THE).

With its strong commitment and passion in advancing knowledge, NUS continues to be a platform for excellence in teaching, learning, research and administration, utilising state-of-the-art information technology that contributes to the grooming of well trained graduates who are poised to meet the manpower needs of not just Singapore but also the world. Overseas colleges and collaborations with top overseas institutions also ensure that our students gain an advantage in this age of globalisation.

Application to NUS is never a tedious task! Our admission criteria allow for admission of talented students beyond the narrow definition of their academic results. This will produce a horde of students with diverse and complementary strengths, experiences and backgrounds, yielding interesting perspectives and vibrant learning environments.

Backed by a strong curriculum that stimulates students, and a flexible tradition in which students are free to explore their passions and discover their strengths, NUS will cultivate more well-rounded, well-challenged graduates whose abilities and passions are matched.
Step into a world-class education

Experience a holistic education when you arrive at NUS! Aimed at fully developing the intellectual and personal strengths of our students, an NUS education takes place beyond the classroom. Challenging project work and participative learning are but some that will inspire and excite our students. What’s more, NUS’ nurturing environment is highly conducive for creativity, imagination and innovation.

NUS is a comprehensive university offering our students a diverse range of courses and enriching them through our multidisciplinary and cross faculty approaches. Learning across faculties and disciplines is highly encouraged, with other cross disciplinary initiatives available for a well-rounded knowledge base and transferable skills. They include double degree programmes (in disciplines either structured by NUS or chosen by the students themselves), undergraduate life sciences and bioengineering programmes.

A World Of Opportunities

Apart from our well-rounded education in a stimulating social and cultural environment, NUS also offers several enhancement programmes. Whether you enrol in the University Scholars Programme (USP), take part in the Student Exchange Programme (SEP), or go on a stint at one of the NUS Overseas Colleges (NOC), you will find yourself gaining a competitive edge that will equip you to thrive in any environment, carving for yourself a successful career in the future.
NUS undergraduate programmes strike a healthy balance of depth and breadth that would satisfy both the need for specialisation as well as fulfil the broader expectations of a university education. With an education at NUS, you will be well poised for a fulfilling professional life in an increasingly globalised world with its new economy, and be equally adept in everyday living.

A Broad Curriculum Structure

The module requirements of the Undergraduate Curriculum provides the substantive scaffolding to ensure broad-based learning combined with depth of specialisation. They are organised around these three categories of requirements:

1. **University Level Requirements** broaden students’ intellectual horizons, develop critical and creative thinking skills for independent learning and promote spoken and written articulacy.

2. **Programme Requirements** comprise Faculty/Department requirements and Major requirements, grounding the students in their specialised discipline.

3. **Unrestricted Elective** Modules allow students to take any module at any level, according to their interests.

Multidisciplinary Opportunities in a Comprehensive University

**Double Degree Programmes**

NUS aims to attract the best students, from Singapore and around the world, who are keen on having a quality education and leveraging on multidisciplinary opportunities in a university ranked amongst the world's best. NUS recognises that in a world where knowledge cannot be compartmentalised, many disciplines are, in fact, complementary. Our Double Degree programmes offer students the opportunity to attain degrees in two different, yet complementary fields, providing them with the versatility to work in different fields when they graduate. A student who satisfies the requirements of two degree programmes may opt for a Double Degree. Our customised programmes include:

- Business Administration & Communications and New Media
- Business Administration (Accountancy) & Communications and New Media
- Business Administration & Computing (Computer Science Courses)
- Business Administration & Computing (Information Systems Courses)
- Business Administration (Accountancy) & Computing (Computer Science Courses)
- Business Administration (Accountancy) & Computing (Information Systems Courses)
- Business Administration & Law
- Business Administration (Accountancy) & Law
- Economics & Business Administration
- Economics & Business Administration (Accountancy)
- Economics & Law
- Engineering & Business Administration
- Engineering & Business Administration (Accountancy)
- Engineering & Economics
- Law & Life Sciences
- Mathematics/Applied Mathematics & Computer Science

Besides our customised programmes, students may also choose their own combination – the permutations are mind-boggling in our comprehensive university!
Concurrent Bachelor-Master Degree Programmes
Thinking of doing your Master’s after your Bachelor’s Degree? Now you can do them concurrently at NUS! You may declare concurrent Bachelor’s and Master’s degrees if you satisfy the requirements of both. The concurrent programmes allow you to complete your Bachelor’s and Master’s degrees in a shorter time than if separate degrees were sought. Our customised concurrent programmes include:

- Bachelor of Business Administration & Master of Public Policy
- Bachelor of Business Administration (Accountancy) & Master of Public Policy
- Bachelor of Business Administration & Master of Science (Management)
- Bachelor of Business Administration (Accountancy) & Master of Science (Management)
- Bachelor of Computing (Communications and Media) & Master of Entertainment Technology (Carnegie Mellon University)
- Bachelor of Computing (Computational Biology) & Scientiae Magister in Computer Science - Computational Biology track (Brown University)
- Bachelor of Computing (Computer Science) & Grad Scientiae Magistri (Scientia Computatoria) (Brown University)
- Bachelor of Computing (Information Systems Courses) and Master of Philosophy in Management (Cambridge University)
- Bachelor of Computing (Information Systems Courses) and Master of Science (Management)
- Bachelor of Law & Master of Public Policy

MINOR PROGRAMMES AND DOUBLE MAJOR PROGRAMMES

Interested in Marketing, but want to learn more about Psychology? Can’t decide if you prefer Economics or Political Science? Our Minor Programmes allow students to pursue their interests and study in an area outside their Majors, while our Double Major Programmes allow students to declare a Double Major within the same Faculty/Department.

STUDY AT NUS FOR A TRULY FLEXIBLE EDUCATION!

In a comprehensive university such as NUS, the scope for a broad-based education is virtually limitless! By offering true flexibility, NUS provides an education that is not artificially compartmentalised into rigid subject areas, and will stand you in good stead when you step out into the knowledge-based economy!

Visit www.nus.edu.sg/nusbulletin to see how you can mix and match!
Perfectly set on the rolling hills of Kent Ridge, the main NUS campus is an awesome 150 hectares of modern buildings nestled in soothing greenery. More than just the home of NUS, it is a self-contained campus that offers an integrated living and learning experience to a cosmopolitan community.

You will find plenty of things on the campus to keep you entertained and ensure that your social life will be thriving. We have free internal shuttle bus services provided with bus-stops conveniently interspersed, so any far-flung corners of the campus will only just be a ride away.

Life at NUS is not only exciting and enjoyable, but secure and comfortable as well. The lush landscaping, physically attractive ground and tastefully designed buildings, coupled with comprehensive modern facilities, all contribute to a pleasant, high quality lifestyle for our students and staff. With facilities like the ones in NUS, you would never want to leave this self sufficient campus!

The historic and charming Bukit Timah Campus is not an unfamiliar sight – being once the original home of predecessor institutions, the University of Malaya and the University of Singapore. The Faculty of Law, Lee Kuan Yew School of Public Policy, the Asia Research Institute and other institutes on Asian studies have now moved to this campus in order to cater to our growing student numbers.

Centrally located yet surrounded by the Botanic Gardens, the Bukit Timah Campus is a beautiful hybrid of tradition and modernity. The tranquil campus will provide a conducive scholarly environment for students. Our alumni who studied at Bukit Timah, in particular, will welcome the chance to revisit the campus they once called home.

A third campus in Outram is the home to the Duke-NUS Graduate Medical School.

Another 19 hectares across the highway from Kent Ridge is the University Town which provides an integrated learning and living environment for undergraduate and graduate students in a purpose built campus.
Culture

Enlivening and invigorating, the NUS campus is our very own cultural hub that caters to the aesthetic development and needs of our community. At any time in the year, you will be able to take part (either as a participant or as a spectator) in any one of the many events that celebrate and express the beauty and uniqueness of art and culture on campus. An education in NUS extends well beyond the lecture halls. Transcending academia, the NUS experience promises to be a fun, exciting and inspiring one. In our vibrant campus, not only are our students’ intellectual needs met, their social, physical and emotional well-being are not left wanting too. Whether your interests lie in sports, theatre or music, or if you’re looking to indulge in cultural and social activities, you will find that there’s always a kaleidoscope of activities to keep you entertained.

Hop on the Social Bandwagon!
Join Student Clubs and Societies.

It’s activities galore: there are more than 60 student clubs and societies catering to a wide spectrum of hobbies and interests, such as photography, astronomy, motoring, and films, etc. In addition, academic societies support disciplines such as architecture, engineering and economics. Students are also welcomed to form new clubs. Various student-run groups have also been formed in NUS to aid any undergrad interested in exploring a field of interest or discovering their talents, etc.

Sports

Students can join close to 30 sub-clubs within the NUS Sports Club to pick up and excel in sports, ranging from archery to fencing to mountaineering. Whether it is for leisure or at the competitive level, you will be able to pursue your favourite sport easily at NUS. The myriad of sporting activities and events at NUS reflects the NUS spirit of scaling sporting heights and the development of well-rounded individuals. This spirit and commitment are best embodied in the Centennial Everest Expedition in mid-2005 where the NUS team – comprising students, staff and alumni – successfully scaled Mount Everest, the highest peak in the world!
NUS University Town, or UTown for short, is one of the most ambitious efforts of its kind undertaken by the University. An educational hub complete with residential spaces, teaching facilities and study clusters, UTown has created a lively intellectual, social and cultural environment that distinguishes NUS through excellence in learning and student engagement.

UTown opened its doors to the NUS community in August 2011 with the launch of its first two residential colleges, Cinnamon (USP) College and Tembusu College, as well as the state-of-the-art Education Resource Centre and Town Plaza. Upon completion, UTown will be home to 2,400 undergraduate students, 1,700 graduate students and 1,000 researchers, who will work, live and learn in close proximity.

A Vibrant Learning Hub

Built for the entire NUS community, UTown is strategically integrated with the larger Kent Ridge Campus via a vehicular and pedestrian bridge. The facilities at its Education Resource Centre and Town Plaza are purposefully designed to encourage collaborative learning. Students are attracted to its plentiful study clusters, group discussion areas, as well as IT and multimedia facilities, where they can interact, brainstorm for group projects or work individually on course assignments. UTown's specially designed and technology-infused seminar rooms also encourage professors to introduce new teaching methods, which could eventually be replicated to the wider NUS community. Such strategic planning demonstrates our University's commitment to enhance the overall educational experience for all NUS students.

A Model of Living and Learning that is Distinctively NUS

Located in UTown, the residential colleges are the first of its kind in Singapore's higher education landscape. When completed, UTown will have four residential colleges, offering NUS students a new type of campus living, where they can live and learn together with their professors. Each College is headed by a Rector and a Master. Together with a team of faculty fellows, they define the College's academic tone and character. Combining such vibrancy of campus living with an exciting multidisciplinary programme, the residential colleges create a highly interactive environment and an engaging collegial culture amongst a diverse mix of students.

Last August, UTown welcomed its pioneer batch of residents into Cinnamon (USP) and Tembusu Colleges. Cinnamon (USP) College is home to the University Scholars Programme (see page 10) while Tembusu College and the new residential college, Residential College 3, offer the University Town Residential Programme.

University Town Residential Programme

Students enrolled in the University Town Residential Programme will undergo a rigorous five-module curriculum, including two 'Ideas and Exposition' writing modules which will enhance their communication skills and prepare them for today's workplace. Most students will also be able to concurrently fulfil their University Level Requirements which are essential for graduation. Alternative arrangements may be made for students from non-modular Faculties such as Medicine, Law and Dentistry. Class sizes for College modules are small, allowing for a rigorous, interactive and highly personalised academic experience. A host of informal learning activities, such as talks by distinguished visitors, as well as social and sporting activities, complement the formal curriculum.

Supporting a Holistic NUS Experience

Contributing to the pulse of activities in UTown is the Town Green, where students can play Frisbee by day, or attend concerts by night. Students can also look forward to sporting and cultural facilities when the EduSports Complex is ready in late 2012. Amenities such as a rock-climbing wall, recreational pool, a dance theatre and orchestra practice rooms will complement the existing learning and residential facilities in UTown, thus promoting a richer and more holistic NUS experience.

Apply Now!

Incoming and current students are invited to apply to the University Town Residential Programme which is offered by Residential College 3 and Tembusu College. Applicants are required to write a short essay and shortlisted candidates may be interviewed. Applicants will be assessed based on a composite of factors including academic performance, co-curricular records and interest to contribute to the College community.
RESIDENTIAL COLLEGE 3

Residential College 3 will admit its first batch of students in August 2012, with Associate Professor Adeline Seow spearheading the college as College Master. Mr J Y Pillay, Chairman of Council of Presidential Advisors, will head Residential College 3 as the Rector.

Curriculum

As a member of Residential College 3, you will undergo a distinctive and multidisciplinary curriculum that weaves the key themes of community engagement and active citizenship through its modules. The Junior Seminar provides diversity and breadth while two Senior Seminars raise awareness of issues facing both Singapore and the region, as well as inculcate skills for social leadership.

Residential College 3’s Capstone Experience

The Capstone experience, which is open to selected senior students, provides the opportunity for you to put the themes of active citizenship and community engagement into practice. You will work in an inter-disciplinary group, mentored by a faculty member, to formulate a project with a strong intellectual grounding to bring benefit to a community or an organisation.

Residential Pilot Programme Experience

In January 2012, 19 creative and enthusiastic undergraduates were selected to participate in a semester-long Residential Pilot Programme, forming the ‘advance party’ in preparation for the College’s opening and shaping the College identity and experience for its future cohorts. These committed individuals will also continue to contribute as student leaders when the College becomes operational in the new academic year.

Apart from an enriching education, Tembusu members can expect a meaningful and rewarding social life. Students are encouraged to utilise the many lounges and theme/activity rooms within the College to pursue their interests, join and/or form interest groups or simply hang out with fellow Tembusu members and relax over movies, games or book discussions. Besides, Tembusu members are divided into ‘houses’ (3- to 4-floor communities within the College which are named after endangered Asian animal species to highlight the College’s concern for regional and global issues), creating long-lasting bonds.

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TEMBUSU COLLEGE

Professor Tommy Koh, Ambassador-at-Large at the Ministry of Foreign Affairs, is the Rector of Tembusu College while Associate Professor Gregory Clancy of the NUS History Department is the College Master.

Curriculum

Tembusu members are offered an innovative curriculum comprising five modules. Besides the ‘Ideas and Exposition’ modules, there are multidisciplinary seminars which focus on global issues with an Asian perspective. Tembusu members are also encouraged to go on overseas Student Exchange Programmes. Students who have read all five of our modules graduate with a ‘University Town Residential Programme’ certificate in addition to their degree, and will be considered lifelong members of the College.

Life at Tembusu College

Tembusu College provides one of the most diverse educational and living environments with students coming from various disciplines and over 30 countries. This creates a unique international atmosphere beneficial for all students, when issues are examined from a myriad of perspectives. Moreover, there are plentiful opportunities to interact and learn outside the classrooms during events such as the Master’s Teas, Master’s Dinners, Fellow’s Teas, Work-In-Progress Seminars and the Tembusu Forum. Master’s Teas are intimate conversations between students and visiting faculty or dignitaries; Master’s Dinners are gala events hosted by the College Master; and the well received Tembusu Forum, hosted by our Rector Professor Koh, gathers diplomats and other prominent speakers for debates or informed discussions on important topical issues.

The Tembusu Difference

The Tembusu experience adds value to students’ educational experience, complementing their regular degree programme. Living and learning together in the intimacy of ‘houses’ and small sized classes, as well as experiencing a wide variety of shared events, prepare students for the global workplace.
The University Scholars Programme (USP) is a multidisciplinary, partially residential, academic programme for NUS undergraduates. An honours programme, the USP offers an environment of enquiry, collaboration, and creative discovery. Students learn to engage with ideas and situations, and to challenge themselves intellectually, socially, and personally. Each year, 180 incoming undergraduates join our community of exceptional students.

They have the opportunity to explore across disciplines, and to lead and participate in a wide range of extracurricular and overseas programmes. Our ultimate aim is to help students make significant contributions to society.

Students admitted to USP are concurrently enrolled in one of the following seven NUS faculties or schools:

- Faculty of Arts and Social Sciences
- NUS Business School
- School of Computing
- School of Design and Environment
- Faculty of Engineering
- Faculty of Law
- Faculty of Science

USP students earn 70% of their academic credits in their home faculty, and the remaining 30% in USP. The overall workload is the same as that of any other NUS undergraduate. USP provides students with a wide selection of unique modules, a range that covers topics as diverse as Evolution, Politics of Heritage, Simplicity, and Cyberart. The programme is dedicated to creating an individualised learning experience for every student to have the freedom to discover what they are truly passionate about and to explore their interests in ways that are thoughtful and collaborative. To this end, we provide an environment that values creativity, curiosity, and intellectual integrity.

Learning extends beyond the classroom through a wide array of extracurricular and overseas opportunities. USP encourages students to delve more deeply into their areas of interest and to expose themselves to new experiences by engaging in research, expeditions, internships, overseas academic exchanges, community involvement, and study abroad programmes. In conjunction with the formal curriculum,
The value and benefits of informal and self-initiated learning are further enhanced by the growth of USP into an academic programme with a residential component. In July 2011, USP moved into its new residential college (RC) at NUS University Town (UTown). All USP students take USP classes in the seminar rooms and classrooms housed within the USP RC, and many live in the student residences located there.

At the USP RC, students are immersed in a richly integrated learning and living experience, where they are given a multitude of opportunities to intellectually and personally challenge themselves. Here, students take part in residential activities that encourage breadth, open-mindedness, and critical thinking. By bringing a variety of people from different countries and backgrounds to read, learn, discuss, and eat together, the RC fosters a college community centered upon interactive peer group learning and openness to new and diverse ideas.

Upon successful completion of USP requirements and an honours programme, students will graduate with an honours degree from their faculty or school. They will also receive a USP certificate designating them as a University Scholar.

USP has always focused on cultivating the individual experiences of students. From my own experiences, I came to realise that the more valuable USP experience was to question where your interests truly lay, and to pursue them wholeheartedly.

And the great thing about USP and the community here is that it gives you precisely the chance to do that. There is always so much support for any student-initiated programmes and activities, be they social or academic. So if a project or initiative does not exist, the question is not why it doesn’t, but instead why you are not doing anything about it. Carpe diem truly applies here.

Gwyneth Jue-Ying Teo
Communications and New Media + USP, Year 3

Interdisciplinary Curriculum

USP believes that students who attend closely to complex issues by using a broad range of interdisciplinary tools will be better equipped to face the challenges of the modern world. Interdisciplinarity means more than simply taking modules in different areas of study; an interdisciplinary education fundamentally changes how we see and understand the world. By examining a subject with knowledge and methods from multiple disciplines, an interdisciplinary approach produces new possibilities for synthesis and creation.

At USP, students enjoy an exceptional degree of academic freedom. They can complete their curricular requirements in a number of different ways, including earning academic credit through cultural immersion programmes, academic research, and entrepreneurial development. The programme also actively encourages test-bedding of new and creative ideas and approaches, both philosophical and pedagogical.

Modules are held in small seminars and rely on strong interpersonal interaction and vigorous discussion. Keeping class sizes to 12 to 35 students facilitates a learning experience that is at once both targeted and collaborative, and brings about meaningful interactions with professors and among students.
The pedagogical approaches at USP focus on providing students flexibility and support at every stage of their undergraduate studies. From Academic Year 2012/2013 onwards, USP offers a revised three-tier structure. The three tiers build upon each other in an intuitive manner, so that each prepares students for the interdisciplinary work they will encounter in subsequent tiers.

The three tiers are the Foundation tier, the Inquiry tier, and the Reflection tier.

**The Foundation Tier**
Cultivates writing and critical thinking, quantitative reasoning, and research skills.

**The Inquiry tier**
Encourages students to generate new and innovative ways to look at and solve complex issues and problems, and to make intellectual connections outside of their disciplinary focus.

**The Reflection tier**
Brings students together towards the end of their degree to reflect on the conditions of their own disciplinary knowledge and to cultivate a broader interdisciplinary framework to approach discourse and ideas with.

In total, students will take three Foundation modules, eight Inquiry modules, and one Reflection module.

USP provides an environment for us to reflect and learn about the world. When you are surrounded by curious and independent-minded friends, it is inevitable that critical debates and discussions will arise. These mental sparring sessions help to make us more reflective about our own beliefs and force us to be more critical of our assumptions and motivations. By having friends from different disciplines as well as being genuinely interested in learning from each other, the potential topics of discussion are wide ranging.

Yet USP is not only about academic reflection; it also places emphasis on action and to having the initiative to make significant contributions to society. In Dr Vail’s special term module, students are given the opportunity to live with tribes in rural Laos and Thailand. Developing a finger on the pulse of culture, the students are then able to plan and execute a development project with seed money provided by USP. This kind of ground-level approach avoids many of the traditional problems associated with the conflicting ideas of development. Thus, USP students are encouraged to challenge conventional ideas and assumptions, and discover new ways of looking at issues.

**Nadjad Bin Abdul Rahim**
Life Sciences + USP, Year 3
USP’s curriculum aims to provide both breadth and depth to students through a wide and varied range of interdisciplinary modules. Here are some of the USP modules:

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Description</th>
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<tbody>
<tr>
<td>Clothing Identities (USP Module UWC2101N)</td>
<td>Investigates how clothing relates to identity from the points of view of literature, history, and sociology.</td>
</tr>
<tr>
<td>Language, Culture and ‘Native’ Peoples (USP Module UWC2101V)</td>
<td>Examines pervasive stereotypes of primitive cultures, and how modern societies deploy those stereotypes to subjugate indigenous peoples.</td>
</tr>
<tr>
<td>University Scholars Seminar (USP Module USS2105)</td>
<td>A year-long series of seminars given by invited speakers to facilitate a process of intellectual inquiry that will lead students to identify and pursue good and feasible research directions.</td>
</tr>
<tr>
<td>Evolution (USP Module ULS2202)</td>
<td>Investigates competing theories and asks why some are accepted over others.</td>
</tr>
<tr>
<td>Simplicity (USP Module UQR2206)</td>
<td>Studies the trans-disciplinary nature of useful human knowledge and how a scientific approach, based on modelling and testing, can give useful insights into many complex and interesting systems.</td>
</tr>
<tr>
<td>Religions in the Contemporary World (USP Module USP3506)</td>
<td>Explores the multi-faceted growth and manifestations of religions and religiosity in the contemporary global and local contexts, grounded in historical perspectives.</td>
</tr>
<tr>
<td>Leadership in a Complex World (USP Module UHB2206)</td>
<td>Adopts an eclectic, multi-disciplinary approach towards the challenge of leadership in a constantly changing environment.</td>
</tr>
<tr>
<td>Quantum Computing (USP Module UIT2205)</td>
<td>Examines some of the possibilities that the quantum world offers in advancing the capabilities of computers and how our notion of information has evolved.</td>
</tr>
<tr>
<td>Politics of Heritage (USP Module UCV2207)</td>
<td>Explores how individuals and communities understand and negotiate the relationship between their cultural heritage and contemporary political, economic, and social situations.</td>
</tr>
<tr>
<td>Cyberart (USP Module UQR2206)</td>
<td>Studies contemporary art made possible by new technologies, from both creative and theoretical points of view.</td>
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**Living and learning together in the USP residential college**

The USP RC brings together a unique mix of people from diverse backgrounds, cohorts, and disciplines to share in the experience of living and learning with and from each other. USP students stay in the RC during their first year and a second year of their choice. They can also choose to stay on for a third and/or fourth year.

All USP students, residents and non-residents alike, have the freedom to participate in all the intellectual and social activities held at the RC, including seminar talks, Master’s teas, inter- and intra-college sports, workshops, social campaigns, movie nights, and formal dinners. The extensive facilities and resources offered to students include classrooms, study rooms, student areas, the Reading room, the multi-media lab, the Writing Centre, the multi-purpose hall, USP offices, the dining hall, and the lounges. These are spaces for the entire college community to inhabit and make their own. They are also spaces for reflection and solitude.

The RC is designed to foster close bonds of friendship and mentorship between peers, professors, and staff. Learning takes place outside of the classroom within informal and varied settings, such as when students study and discuss together or when they share meals with faculty and other fellow residents. Such experiences are invaluable to building a closely-knit learning community whose members have diverse interests, and yet are united by their commitment towards pursuing their passions and producing significant outcomes.
Diverse learning opportunities that extend beyond the classroom

Apart from its formal curricular resources, USP also offers students opportunities to explore and develop their interests outside of the classroom. We take seriously the task of introducing students to new experiences that will challenge them and enhance their interdisciplinary learning. To this end, USP encourages and provides financial support for numerous overseas initiatives.

For example, in 2011 students took part in our inaugural USP-SP Jain Exchange Internship Programme held in Mumbai, India. Students worked alongside NGOs in various areas of social and economic development, such as microfinance, women's empowerment, and healthcare. Another group spent three weeks in the remote areas of Laos and northern Thailand in a pilot project explicitly aimed to involve students in all steps of module planning, including pedagogy, content, and logistics. Yet another group was in Canberra, Australia participating in the inaugural Global Cross-Disciplinary Tournament that students themselves had initiated and run.

USP organises a variety of activities and projects for USP students, including seminars, symposia, and study exchange programmes at universities such as Harvard, Yale, Delhi, Waseda, Princeton, Sciences Po, Beida, and the Australian National University. Past opportunities for students have also included study trips and expeditions to the Himalayas, Turkey, Japan, Cambodia, and India. These are also opportunities for students to initiate and customise their own learning experience within a global context.

In addition, the USP Career Services offers support to students at every stage of their career process, from when they first enter USP to life as an USP alumnus. These resources include one-on-one consultation, career profiling, company presentations and networking events.

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After twenty-five cities, countless unprecedented learning opportunities, and numerous cross-cultural friendships, I cannot even begin to describe how USP has brought new meaning to my university life. In my three and a half years at USP, I have studied Politics of Heritage in Cambodia with mind-blowing professors, travelled to Harvard to share insights about social entrepreneurship, studied Film Noir and the American City at Yale, and actively constructed a catalyst for change in education at the Australian National University. All of these opportunities were available to me at the same time that I was also enrolling in revolutionary modules like Biosemiotics within USP or Masters-level modules from the Lee Kuan Yew School of Public Policy.

USP brings together all of the individuals that a student would ever need to realise his or her dreams. At the USP, you will encounter curious peers, challenging professors, and dedicated staff. It is a uniquely multifaceted programme that goes beyond merely moulding an individual into a generic shape; instead, USP truly empowers you to be the change you want to see in the world.

After spending the summer of 2010 studying at Yale and then Cambridge, I thought I would never be able to replicate the community-based learning that took place in the residential colleges of those campuses. But never have I been so glad to be proven wrong. The RC has rekindled the burst of energy I had overseas by lighting the learning spirit within the corridors here. I never know what conversations to expect: at breakfast in the dining hall, my day starts with discussions of exactly how natural selection and evolution are related; at lunch in the common rooms, discussion turns to the role of religion in the formation of our identities; and over dinner, conversations are dominated by American politics and the North African conflict. Every problem is approached from a myriad of disciplines — be it economics, engineering, or psychology. I cherish these moments of enlightenment where I am able to bring my own disciplinary focus of finance and marketing to see how my perspective fits into the grand scheme of things.

In one word, USP is inspirational. It has taught me that university life is about education — both textual and experiential. And along with other things in life, university is not just about the end. It is the journey that truly matters, because this is where learning really happens; and with USP as my guide, my learning journey is just beginning.

Akanksha Batura
Business Management + USP, Year 4
industry mentorship, and postgraduate studies sharing sessions amongst others.

Achievements of Students and Graduates


Among the recent graduates of the USP, more than one-third go on to pursue postgraduate studies at both local and overseas universities, including top universities such as Oxford, Cambridge, MIT, Imperial, Harvard, Berkeley, Stanford, London School of Economics, Tsinghua, Karolinska Institute in Sweden, and Duke-NUS Graduate Medical School. Four USP alumni have received Fulbright scholarships and awards. Others find employment in major organisations in the private and public sectors, with many holding prestigious management associate appointments.

Applying to USP

Students submit a separate USP application when applying to NUS. Admission is based on academic potential, co-curricular achievements, passion, motivation, and curiosity. Application is by transcript, essay, personal statement, and an interview with USP professors. NUS students in their first semester may also join during USP’s second admissions process from October to November each year. National Service (NS) men who are successful in the admissions exercise to join USP will have a place reserved for them in USP in the year that they matriculate into NUS.

USP Open Days

For a chance to meet and chat with USP faculty, students, and staff, drop by the NUS Open House in March. We would be glad to answer any of your questions and help you learn more about the programme and its philosophy and practices. Come join us if you have a chance!

Contact Details

For more information, please contact:

University Scholars Programme
National University of Singapore
18 College Avenue East
Singapore 138593
Tel: +65 6516 4425
Fax: +65 6773 1012
Email: usphelp@nus.edu.sg
Website: usp.nus.edu.sg
Student Exchange Programme

INTERNATIONAL PROGRAMMES

The International Relations Office (IRO) fosters international partnerships for transformative global engagement. As part of NUS’ commitment to global education, IRO offers the Student Exchange Programme (SEP) and other global opportunities such as international summer programmes (i-SP), international internships (i-Intern) and international research attachment programmes (i-RAP).

The Student Exchange Programme (SEP) allows NUS undergraduates to spend a semester or two at an overseas partner university while earning credits towards their NUS degree. Students can maximise this once-in-a-lifetime chance and go on exchange to one of 180 top universities from 30 countries around the world. The SEP is the largest overseas programme at NUS nurturing global citizens of the future. It provides students the experience of learning and living in a foreign country and travel opportunities!

“Through the SEP, I explored beyond the boundaries of my classroom walls to the frontiers of world. The cross-cultural experience gained, the international friendship forged, the new languages acquired, the perspectives of life enriched, are the few of the many stories that even the most illustrious novel in this world can hardly capture.”

Anita Siman
SDE, on SEP to Université Joseph Fourier

“Grenoble amazed me the moment the train passed by the gigantic mountain range. The town was so beautiful! I took a scenic tram trip to school every morning. It is truly a university town where the French students were really welcoming and open, helping me in my schoolwork and language difficulty.”

Koo Ying Ying
TF LEaRN Award recipient teaching children in Beijing

NUS students can also combine their exchange with service leadership projects while overseas such as through the Temasek Foundation Leadership Enrichment and Regional Networking (TF LEaRN) Programme @ NUS.
INTERNATIONAL SUMMER PROGRAMMES (i-SP)

In addition to regular exchange, NUS offers international summer programmes (i-SP) at NUS partner universities as well as academic networks of which NUS is a member, such as the International Alliance of Research Universities (IARU), Association of Pacific Rim Universities (APRU), ASEAN University Network (AUN) and Universitas 21 (U21). The summer programmes allow students to explore non-traditional destinations in East Asia, Europe and Latin America and provide opportunities for personal development as well as cultural appreciation. Short term programmes are organised yearly by the academic networks to bring students from different backgrounds together to network and exchange ideas.

INTERNATIONAL INTERNSHIPS (i-INTERN)

To prepare NUS students for the demands of the globalised economy, IRO offers international internships (i-Intern) to hone their skills and knowledge in a cross-cultural setting. Working and living for three months or more in various locations such as France, Germany and Mexico, students are provided with exposure to international best practices at the workplace and career development opportunities in diverse industries including finance, engineering, retail, government, media/PR, health care and the non-profit sector.

INTERNATIONAL RESEARCH ATTACHMENT PROGRAMMES (i-RAP)

Through the i-RAP, students can broaden and enhance their undergraduate experience under the mentorship of top researchers at universities renowned for science and technology. Besides hands-on lab experience and research in world-class facilities, students may have their research outcomes published in papers and journals.

“...The experience interning with DBS Vickers was amazing! The team was extremely helpful, taught me a whole bunch of stuff and took me out to meet clients very often. My boss was so supportive that she helped me to secure another internship with DBSV in Shanghai and Hong Kong.”

Jackie Tan Yen
Faculty of Science on California Institute of Technology (CalTech) Summer Undergraduate Research Fellowships (SURF) programme

In “The lab that I worked in, advanced microscopists, stem cell biologists, electrophysiologists and other researchers often teamed up with each other to investigate things that each individual could not have done alone. I was fortunate enough to have learned a wide variety of skills from each of them, enhancing my adaptability in biological research.”

Alvin Lim
NUS Business School on EUSA internship in New York

“...The Sino-Singapore Undergraduate Exchange Programme is an intense learning experience that takes us across China - from prestigious universities to some of the most interesting historical sites. It is a journey packed with adventure, friendship, culture and intellectual stimulation - one not to be missed!”

Goh Wee Shian
FASS student on Sino-Singapore exchange

Beyond the classroom, students can choose to enrich their learning by embarking on unique short-term programmes such as the Study Trips for Engagement and EnRichment (STEER), which take students on a journey to explore emerging economies, their socio-cultural environment and network with local businesses.
<table>
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<tr>
<th>UNIVERSITY-WIDE STUDENT EXCHANGE PARTNERS</th>
<th>AUSTRALIA</th>
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<th>HUNGARY</th>
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**NUS NETWORK ALLIANCES**

International Alliance of Research Universities (IARU)
Association of Pacific Rim Universities (APRU)
Aisan University Network (AUN)
The University of Sydney
The University of New South Wales
The University of Melbourne
The University of Adelaide
University of Innsbruck
University of Zagreb
University of Antwerp
Technical University of Denmark
Zhejiang University
Xiamen University
Xi'an Jiaotong University
Wuhan University
Tsinghua University
Sun Yat-Sen University
Sichuan University
Shandong University
Huazhong University of Science and Technology
Harbin Institute of Technology
Fudan University
York University
Yale University
Yale University
University of Toronto
University of Waterloo
University of Victoria
University of British Columbia
University of Western Ontario
University of Alberta
University of Calgary
University of Guelph
University of Ottawa
University of Toronto
University of Victoria
University of Waterloo
York University
Fudan University
Harbin Institute of Technology
Huazhong University of Science and Technology
Nanjing University
Nankai University
Peking University
Shandong University
Shanghai Jiao Tong University
Sichuan University
Sun Yat-Sen University
Tongji University
Tongji University
Wuhan University
Xian Jiaotong University
Xiamen University
Zhejiang University
University of Zagreb
Aarhus University
Technical University of Denmark
University of Copenhagen
Tallinn University of Technology
University of Helsinki
École Centrale Paris
École Nationale Supérieure de l’Électronique et de ses Applications (ENSEA)
École Supérieure d’Électricité (Supelec)
Institut National des Sciences Appliquées de Lyon (INSA Lyon) - Sciences Po
Université de Grenoble
Grenoble Institute of Technology (Grenoble INP)
Institut d’Études Politiques de Grenoble (IEP Grenoble)
Université Joseph Fourier (Grenoble 1)
Université Pierre Mendès-France (Grenoble 2)
Université Stendhal (Grenoble 3)
Université de Technologie de Compiègne (UTC)
Université de Technologie de Troyes (UTT)
Université Paris-Sorbonne-Paris IV
Albert-Ludwig University of Freiburg
Eberhard Karls University of Tübingen
Freie University of Berlin
Humboldt University of Berlin
Ludwig-Maximilians-University of Munich
Rheinisch Friedrich-Wilhelms University of Bonn
Ruprecht-Karls-University of Heidelberg
BWT Aachen University
Technical University of Darmstadt
Technical University of Hamburg-Harburg
Technical University of Munich
University of Hohenheim
University of Karlsruhe
University of Konstanz
University of Mannheim
University of Stuttgart
University of Ulm
University of Vienna
City University of Hong Kong
Chinese University of Hong Kong
Chinese University of Hong Kong
University of California, Berkeley
University of California, Davis
University of California, Irvine
University of California, Los Angeles
University of California, Riverside
University of California, Santa Barbara
University of California, Santa Cruz
University of California, San Diego
University of Connecticut
University of Hawaii at Manoa
University of Illinois at Urbana Champaign
University of Miami
University of Michigan
University of Oregon
University of Pennsylvania
University of Pittsburgh
University of Southern California, Viterbi School of Engineering
University of Virginia
University of Washington, Seattle
University of Wisconsin-Madison
University of Toronto - BIZ*, FASS, FoS (Joint Minor)
Queen’s University at Kingston - FoL
McMaster University - BIZ
Dalhousie University - FoL
Concordia University - BIZ
University Catholique de Louvain - BIZ
Catholic University of Leuven - FoL
The University of Adelaide - FoD*
La Trobe University - FoS
The University of Sydney - FoL, BIZ
The University of Adelaide - FoD*
The University of Melbourne - FoD*
The University of Queensland - FoS - (Summer Programme)
Catholic University of Leuven - FoL
University Catholique de Louvain - BIZ
University of Brussels, Solvay BIZ, School - BIZ
Concordia University - BIZ
Dalhousie University - FoL
HEC Montréal - BIZ
McGill University - BIZ
McMaster University - BIZ
Queen’s University at Kingston - FoL
The University of British Columbia - BIZ, FoD*, FoL
The University of Western Ontario - BIZ, FoL, FoL
University of Toronto - BIZ*, FASS, FoS (Joint Minor)
University of Victoria - FoL
York University - BIZ, FoL
NUS Overseas Colleges (NOC) Programme

NUS Overseas Colleges (NOC) is a prestigious entrepreneurship development programme that gives NUS students the opportunity to spend up to a year of their undergraduate life abroad, working and studying in leading entrepreneurial and academic hubs around the world. The programme aims to cultivate successful entrepreneurs as well as resourceful and enterprising self-starters.

Undergraduates with entrepreneurial aspirations and good academic ability are placed in high-tech start-ups for 6-month or year-long internships. Successful applicants receive a scholarship to cover the additional cost of their overseas stint. While working full-time, the interns also take entrepreneurship-related courses at prestigious partner universities abroad. Interns on year-long programmes can earn up to 40 Modular Credits of credit transfer and a Technopreneurship Minor with their Bachelor’s degree.

NOC is currently offered in 7 dynamic entrepreneurial hubs around the world:

- Silicon Valley and Philadelphia, USA
- Shanghai and Beijing, China
- Stockholm, Sweden
- Multiple locations, India
- Tel Aviv, Israel

NUS COLLEGE IN SILICON VALLEY (NCSV)

The NUS College in Silicon Valley is based in the southern part of the San Francisco Bay Area in Northern California, a region famous for its concentration of high-tech start-ups and vibrant entrepreneurial culture. Apart from interning and networking with movers and shakers in the tech community, students also take entrepreneurship-related and discipline-based courses at Stanford University, one of the world’s leading research and teaching institutions located right in the heart of Silicon Valley.

NUS COLLEGE IN BIO VALLEY (NCBV)

NUS College in Bio Valley, located in Philadelphia, provides unique opportunities for NUS students to be involved with high-tech and biotech start-ups in the Greater Philadelphia area. The region is also home to some of the nation’s most prominent medical research facilities, including the University of Pennsylvania where students take entrepreneurship-related and discipline-based courses.
NUS COLLEGE IN SHANGHAI (NCSH)

Shanghai is one of China’s leading entrepreneurial and academic hubs. Students in the Shanghai college study at Fudan University, one of the top universities in China. Participation in the programme gives students a true bicultural experience, a good understanding of business practices in China and a network of contacts that will facilitate future business endeavors in China.

NUS COLLEGE IN STOCKHOLM (NCST)

NUS College in Stockholm is the only college in Europe and 4th among the 7 overseas colleges established to-date. The college was set up in 2005 when NUS celebrated its centennial year. Stockholm is well represented by technology start-ups across a variety of sectors, especially in the wireless and mobile space, and in medtech and cleantech. For academic courses taught in English, NUS collaborates with the Royal Institute of Technology (Kungliga Tekniska högskolan, KTH), which has a deep history and commitment to education for over 175 years.

NUS COLLEGE IN INDIA - ENTREPRENEURIAL INDIA! (NCIN)

From the snow-capped mountains of the Himalayas to the deserts of Rajasthan, from rural villages to the metro cities of Bangalore, Mumbai, Chennai and Delhi, the NOC Entrepreneurial India! programme enables its participants to experience entrepreneurship amidst the vast diversity of India. The programme offers internships of three or six months with an emphasis on social ventures and grassroots innovation. This college is open to both post-graduate and undergraduate students.

NUS COLLEGE IN BEIJING (NCBJ)

NUS College in Beijing is the second college established in China. As the nation’s capital, Beijing is at the core of the booming entrepreneurial scene in China. The Beijing college offers an excellent platform for budding entrepreneurs to absorb the vibrant entrepreneurial spirit in the technological parks in Beijing, while interning at dynamic start-ups and studying entrepreneurship-related courses at Tsinghua University.

NUS COLLEGE IN ISRAEL (NCIS)

NUS College in Israel offers postgraduate and undergraduate students a unique opportunity to experience the dynamic business and innovation culture that defines Israel. Participants on the Israel programme will work in start-ups in a diverse range of industries and take an entrepreneurship class at a local university (IDC Herzliya or Tel Aviv University, depending on semester). The six-month stint will commence with a series of workshops to prepare participants for the opportunities and challenges of living and working in Israel.

iLEAD PROGRAMME - SINGAPORE

Launched in 2008, iLEAD (innovative Local Enterprise Achiever Development) offers a perfect balance of practice and theory for a well-rounded education in entrepreneurship. NUS undergraduates intern for 7 months at innovative local companies or start-ups where they are exposed to entrepreneurial challenges in Singapore. At the end of the local internship stint, students embark on a two-week Overseas Study Mission to gain an appreciation of start-up cultures in other countries, participating in networking sessions and company visits while abroad.
Opportunities abound. Get started and get ahead!

POST-PROGRAMME SUPPORT

Students and alumni in the NOC and iLEAD programme are given an opportunity to stay at N-House, located on NUS campus within the Prince George’s Park Residences. It is an entrepreneurial-themed residence that nurtures an active community of student entrepreneurs and supports a host of useful activities such as workshops, pitching events, networking sessions, etc. In addition, they are also eligible for many forms of entrepreneurship support and assistance at NUS Enterprise as mentioned in the Spirit of Enterprise segment on page 23.

OUR STUDENTS’ ACCOMPLISHMENTS

tenCube, a mobile start-up founded by NOC alumni Darius Cheung and Varun Chatterji, and NUS schoolmates Rishi Kumar and Indradeep Biswas, was acquired in 2010 by McAfee Inc, the largest dedicated security technology company in the world (McAfee was subsequently acquired by Intel Corporation). tenCube was founded to address security concerns faced by mobile phone users in the event that they lose their mobile phones. Its flagship product, WaveSecure, is a mobile security solution that backs up, remotely locks down and wipes data from lost phones, while simultaneously tracking the location of, and other information about, the lost phone.

WaveSecure has received widespread industry recognition. It was named among the Top 10 Wireless Innovations by Frost and Sullivan and one of the top three winners of Google’s Android Developer Challenge, helping put Singapore on the global map for mobile applications. In addition, the founders have also received recognition for their entrepreneurial spirit. They were among the top 25 winners of Asia’s Best Young Entrepreneurs by Business Week in 2008, and Darius was named the Top Achiever under 25 by The Straits Times, 2006. He has been invited to speak at various entrepreneurial conferences such as Start-Up@Singapore, SingTel Accelerate and Global Entrepolis.

NOC alumni are very active in local and international business plan or start-up competitions. Over the years, they have garnered numerous accolades and won top prizes while competing against the best from around the world. At the biennial Lee Kuan Yew Global Business Plan competition organised by the Singapore Management University, NOC alumni clinched first prize consecutively from 2004 to 2008.

Ooi Tong Wei (NCBV alumnus) and her team emerged champions at Peak Time competition 2010, which marked the 10th anniversary of one of the largest International Business Competitions in Europe. There were more than 300 applications from schools across the globe and after a challenging selection process, the 20 best teams participated in the finals, held at the Stockholm School of Economics in Riga, Latvia, from 28 April – 1 May 2010.

Jason Teo and Maria Linawaty (NCSV alumni) won first prize at a European real-time embedded systems design competition with their invention - Smart2oon Solar Management System. Their solar management system optimises solar energy harnessing, automates routine tasks in solar farms, and reduces cost.

Contact Details
For more information, please contact:
NUS Overseas Colleges
A Division of NUS Enterprise
21 Heng Mui Keng Terrace, Level 5
National University of Singapore
Singapore 119613
Tel : +65 6516 8063
Fax : +65 6872 3638
Email : nocquery@nus.edu.sg
Website : www.nus.edu.sg/enterprise/noc

The team from tenCube
THE SPRIT OF ENTERPRISE

Aside from its well-established roles in research and education, NUS also actively nurtures a spirit of enterprise in our students, faculty, alumni and the rest of the NUS community.

IGNITING THE ENTREPRENEURIAL SPIRIT NUS

Enterprise was launched to help foster a dynamic environment in which entrepreneurship can thrive. We actively create opportunities for our students to experience entrepreneurship firsthand. Our exciting initiatives span the globe, including the prestigious NUS Overseas Colleges (NOC) programme that you have read about.

Closer to home, you can take advantage of a myriad of opportunities to get a taste – or more – of what it would be like to be an entrepreneur. Our dedicated team at NUS Enterprise actively encourages and inspires the entrepreneurial minds amongst the NUS community through a range of exciting entrepreneur-related events and initiatives. Students are eligible for many forms of entrepreneurship support and assistance in NUS:

- Submit business ideas for the Start-Up@Singapore Business Plan Competition and win seed money to kickstart a venture;
- Apply for incubation space or seek help to venture into foreign markets through the NUS Enterprise Incubator (NEI);
- Be guided by a mentor or apply for financial assistance through NUS Enterprise Incubators (NEI);
- Protect and manage intellectual property and get inventions patented with help from the NUS Industry Liaison Office (ILO).

Besides the above, students can also participate in many exciting entrepreneurial activities organised and supported by NUS Enterprise:

- InnovFest - a festival of innovation-related activities organised by NUS Enterprise, including the Xtra Challenge Chapter, a programme that provides PhD students with the opportunity to explore the commercial feasibility of their inventions; and the Innovation/Entrepreneurship Practicum, an award programme to encourage student initiatives;
- Asian Youth Energy Summit - a part of a global movement that is driven by a passion for clean technology, sustainable development, the environment, organised by the Energy Carta;
- Echelon – an annual launchpad event for Asia’s best start-ups, organised by e27 Singapore and NUS Enterprise is one of the supporting organisations. e27 is a media organisation focused on the Asian technology start-up industry;
- Entrepreneurship Week (EWeek) - a series of events set to raise the awareness of entrepreneurship among NUS students, organised by the NUS Entrepreneurship Society (NES). Through these events, students will be exposed to emerging forms of entrepreneurship, including green energy, social entrepreneurship and web technology;
- iConnect - an annual entrepreneurship exchange congress held in January that aims to let budding student entrepreneurs around the globe network and learn more about the entrepreneurial ecosystems in Singapore. iConnect is also organised by the NUS Entrepreneurship Society (NES).

HAVE AN IDEA BUT DON’T KNOW WHERE TO START?

Most start-ups face two main challenges – the lack of funding and experience. Here in NUS Enterprise, we pull together all the components needed to bridge these gaps, putting in place an environment to bridge the funding and experience gaps that are integral to the survival of start-ups. So if you have passion and a good idea, come to us and we will provide you with the incubation infrastructure and community to grow your idea – connecting you with hands-on mentors who will share their experience with you, as well as exploring funding, networking and training opportunities together.

TAKE THE FIRST STEP TODAY!

Whether you are already passionate about entrepreneurship, just curious, or know close to nothing about it but want to find out more, visit us at www.nus.edu.sg/enterprise today!
NUS Centre For the Arts (CFA) is in the artistic and cultural hub of the University, enabling the NUS community to nurture their creative pursuits. CFA promotes performing, visual and literary arts via its 22 campus arts groups — totaling over 3,000 members - in music, dance, theatre, film and production. CFA presents a rich calendar of arts events through platforms such as the annual NUS Arts Festival and the ExxonMobil Campus Concerts series.

NUS Museum, an institution of CFA, is devoted to teaching and research on Asian regional art and culture, via its four collections:

- Lee Kong Chian Collection of Chinese materials from ancient to contemporary art
- South and Southeast Asian Collection ranging from Indian classical sculptures to modern pieces
- Ng Eng Teng Collection donated by the late Singapore sculptor
- Straits Chinese Collection at NUS Baba House at 157 Neil Road

CFA manages the University Cultural Centre (UCC), an innovative performing arts venue which hosts performances by the NUS community, local arts groups and international artists, as well as state and major University events such as Commencement.

Find out more about CFA at www.nus.edu.sg/cfa

Competitive Advantage

As part of holistic education in NUS, CFA provides opportunities for students with passion in the arts to hone their talent. They also pick up life skills in leadership, management, marketing communications and administration. CFA arts groups enjoy professional tutoring by over 80 of Singapore's top artists including Cultural Medallion recipients Iskandar Ismail (Music) and Santha Bhaskar (Dance), as well as opportunities to perform in campus-wide, national and international platforms and competitions. Leadership positions are open to students to manage committees within each CFA arts group, and promising students can also look forward to internship within CFA's administration.

The annual NUS Arts Festival has also developed a collaborative approach with top NUS academic minds and professional artists who play a synergistic role at the festival's programmes. NUS Museum offers NUS students the opportunity to integrate their degree learning with exhibitions and dialogue with the best creative minds in the world. The Baba House is a living heritage home that continues to provide a rich resource for students to research into history and culture.
Joining NUS Harmonica Orchestra was really a life-changing experience. I have not only learned more about Harmonica as a versatile instrument, I have picked up important life skills along the way, skills that would serve me well in the future. Even more amazing was the fact that no prior experience was required, letting many NUS students like me master an instrument in one of the few harmonica orchestras around the world.

Siew Chi Yung
President, NUS Harmonica Orchestra, 2011 / 2012, Faculty of Engineering, Year 2

Being in The NUSChoir means being a part of something special! In the choir, we’re given every opportunity to develop as singers through challenging repertoire as well as voice lessons by professional teachers. With great support from the NUS Centre For the Arts, the Choir has many platforms to explore choral music to its heart’s content. CFA also allows student leaders like me to hone our leadership skills by giving us autonomy and advice.

Amanda Rachael de Souza
President, The NUSChoir, 2011 / 2012, Faculty of Science, Year 2

It’s an opportunity you’ll never find anywhere else. I know that it may sound like I’m exaggerating, but I couldn’t think of a better platform to learn production planning and stage management for free, other than in the ExxonMobil Campus Concerts (EMCC). Their annual opening show this year, Timbre MusicFest on Campus, thoroughly exposed me to the professional arts scene, which would be a great benefit for those considering a career in the arts scene.

Abram Komara
Production Manager, ExxonMobil Campus Concerts (EMCC) Crew, 2009 – 2012, Faculty of Science, Year 4

Being an arts manager is rewarding and challenging at the same time. However, having experience in the performing arts as well as event production greatly helps. It was at CFA that I got a chance to hone my skills as a student and it is also at CFA that I get to use them as an arts programmer. It’s a fine balance – working with student groups as well as professional artists but that’s what makes working at CFA so special. You must push yourself and constantly try to break new ground, but the results are spectacular.

Anirban Sen
NUS Piano Ensemble and EMCC Crew alumni, currently working in the talent development and programming division at CFA, Faculty of Engineering. Graduated 2010
“The FASS experience has broadened my horizons in every sense of the term. From classes that were as inspiring as they were challenging and thought-provoking, to opportunities to attend student conferences halfway across the globe, to a semester spent abroad in Paris learning to see a familiar world from a different regional perspective, to meeting friends with the most diverse backgrounds and interests imaginable - it has been the most memorable and rewarding four years of my life so far.”

Kate Lim
The Faculty of Arts and Social Sciences (FASS) is one of the earliest established faculties in the University with its origins dating back to 1929. Since then, the Faculty has grown to be one of the largest at NUS, with an estimated annual intake of 1,900, comprising about 6,000 undergraduates and 1,000 graduate students.

The Faculty offers the most comprehensive education in Humanities, Social Sciences and Asian Studies in Singapore and the region. The three divisions of Asian Studies, Humanities and Social Sciences house 16 departments and programmes offering 19 undergraduate subjects. All departments offer both Major and Minor programmes.

In addition, our Centre for Language Studies provides language learning in Arabic, Bahasa Indonesia, Chinese (Mandarin), French, German, Hindi, Japanese, Korean, Malay, Tamil, Thai and Vietnamese.

FASS also offers multidisciplinary minors such as China Studies; Cultural Studies; English Studies; Gender Studies; Geographical Information Systems; Geosciences; Religious Studies; Science, Technology and Society; and Urban Studies.

Please see www.fas.nus.edu.sg for a full listing of offerings.
BACHELOR OF ARTS PROGRAMME

- Bachelor of Arts
- Bachelor of Arts (Honours)
- Bachelor of Social Sciences (Honours)

All undergraduates enrol in a four-year programme leading to the Bachelor of Arts (Honours) or Bachelor of Social Sciences (Honours) degree in a single major. Those who choose not to complete or do not fulfil the Honours requirements may graduate with a Bachelor of Arts degree.

Students who meet the requirements can apply for a Double Major or Double Degree programme. They will graduate with two areas of distinct but complementary expertise.

Top GCE ‘A’ Level applicants to FASS will be given the chance of direct admission to their preferred major (pre-requisites apply). To be eligible for this special scheme, applicants must have obtained Grade A for at least three of their H2 Level subjects at one examination sitting. Eligible candidates will be invited to indicate their preferred major upon successful admission into FASS.

(Note: this scheme only applies to students who take the GCE ‘A’ Level examinations held jointly with the Ministry of Education in Singapore.)

STRUCTURED DOUBLE DEGREE PROGRAMMES

Communications and New Media and Business Administration/Accountancy

Offered by FASS and the NUS Business School, this programme allows students to acquire a deep understanding of two complex and connected areas. In today’s global environment, the line separating communications and media studies and business is blurring. Graduates from communications and media programmes are often expected to perform tasks that entail business training, while business graduates are expected to know how to communicate effectively with a company’s public, manage a crisis, or chart technological trends.

Economics and Law

Offered by FASS and the Faculty of Law, this programme is built around the core modules of the existing Economics and Law degrees, and includes specially designed modules that draw upon both subjects. Graduates of the programme will be fully fledged economists and lawyers with special knowledge of the interconnections between the two disciplines. They will be in high demand from law firms with international presence, large commercial banks and government bodies.

Economics and Engineering

Offered by FASS and the Faculty of Engineering, this programme allows students to develop complementary areas of expertise. Both Economics and Engineering are concerned with solving problems, and the programme will provide the student with an advanced understanding of the close connections between the two disciplines. Students will graduate fully equipped as both engineers and economists.

Economics and Business Administration/Accountancy

Offered by FASS and the NUS Business School, this programme integrates the multidisciplinary aspects of Business Administration/Accountancy with the science of problem-solving in Economics. Graduates of the programme are well-positioned to pursue careers both in national economic policy making and market analysis in major financial institutions and multinational corporations.
INTERDISCIPLINARY DEGREE PROGRAMME

Environmental Studies

Jointly offered by FASS and Faculty of Science since 2011, this new interdisciplinary 4-year direct honours degree programme is designed for top students with a passion for the environment. It adopts a broad-based and interdisciplinary approach to address the societal and scientific needs for understanding complex, modern environmental issues, such as climate change, land use, water usage, alternative energy and the building of liveable high-density cities. The programme also harnesses the synergies of domain experts from Faculty of Engineering, Faculty of Law, School of Design and Environment, NUS Business School, Yong Loo Lin School of Medicine, and Lee Kuan Yew School of Public Policy.

The programme offers a common 2-year broad-based curriculum where students will study Biology, Chemistry, Mathematics, Statistics, Geography, Building, Law, Management and Policy, before specialising in one of the two areas of Environmental Studies - Environmental Biology with FoS and Environmental Geography with FASS. Other specialisations may be introduced in the future. Highlights of this programme include field classes/courses to gain hands-on experience, internship opportunities at environmental agencies, environmental research establishments and a Distinguished Visitors Seminar Series where students can interact with eminent scientists and politicians.

DOUBLE AND JOINT DEGREE PROGRAMMES WITH EXTERNAL UNIVERSITIES

Joint Bachelor of Arts Degree with University of North Carolina, Chapel Hill

Offered by the University of North Carolina, Chapel Hill and NUS, this programme combines the strength of both curricula and allows integrating international experience fully into a student’s course of study. Involving five majors - Economics, English Literature, Geography, History and Political Science – eligible students may apply for admission upon completion of first year at FASS if one of their declared majors is in any of the five listed above.

Joint Bachelor of Social Sciences (Honours) Degree in Actuarial Studies and Economics with Australian National University

Offered by The Australian National University (ANU) and NUS, this joint degree will enable students, subject to sufficiently high performance on particular modules, to complete parts 1 and 2 of the qualification for Fellowship of the Institute of Actuaries of Australia. Half of the study takes place in Singapore and half in Australia. The programme, which includes elements of the NUS curriculum, aims to produce broadly educated graduates as well as experts in Economics and Actuarial Studies.

Joint Bachelor of Philosophy (Honours) / Bachelor of Arts (Honours) with Australian National University

The Bachelor of Philosophy (PhB) programme from The Australian National University (ANU) and the University Scholars Programme (USP) from NUS are research-focused undergraduate programmes for high achieving students who want to study in depth and at the highest level. This joint degree programme is available to FASS USP students majoring in English Literature, History, Philosophy and Theatre Studies.

Double Bachelor of Arts (Honours) Degree with Waseda University (School of International Liberal Studies)

Offered to FASS students who are in the University Scholars Programme (USP), they will be required to spend the third and fifth years of their study in the School of International Liberal Studies at Waseda University, Japan.
## Admission criteria

<table>
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<tr>
<th>Course</th>
<th>Duration</th>
<th>Major</th>
<th>Subject Prerequisites</th>
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| Bachelor of Arts (Honours) | 4 years  | Chinese Language/Chinese Studies       | At least B4 for Higher Chinese at GCE ‘O’ level, Chinese Language at AO’ level  
OR  
A pass in Chinese at GCE ‘A’ level  
Higher Chinese at GCE ‘A’ level  
OR  
At least C grade for Chinese Language (H1CL) at GCE ‘A’ level  
OR  
A pass in Chinese Language and Literature (H2CLL) at GCE ‘A’ level  
Chinese Language and Literature (H3CLL) at GCE ‘A’ level  
Students with other similar qualifications should approach the department for clarification |
| 4 years                    | Communications and New Media | Open to all registered students of the Faculty. However, to major, students must obtain at least a B- grade in its exposure module : NM1101E                                                                                          |
| 4 years                    | English Language / English Literature/ Theatre Studies | Exempted from NUS Qualifying English Test  
OR  
Passed NUS Qualifying English Test  
OR  
Exempted from further CELC Remedial English modules                                               |
| 4 years                    | Malay Studies                     | A pass in Higher Malay Language at GCE ‘O’ level  
OR  
A H1 pass in Malay Language at GCE ‘A’ level  
OR  
A H2/H3 pass in Malay Language and Literature at GCE ‘A’ level  
Students with other similar qualifications should approach the department for clarification |
<p>| 4 years                    | Psychology                         | A pass in Mathematics at GCE ‘O’ level or its equivalent. However, to major, students must obtain at least a B- grade in each of these modules: PL1101E and PL2131                                                                 |</p>
<table>
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</tr>
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<tbody>
<tr>
<td>Bachelor of Arts (Honours)</td>
<td>4 years</td>
<td>Economics</td>
<td>Open to all registered students of the Faculty</td>
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<tr>
<td>European Studies</td>
<td></td>
<td>Open to all registered students of the Faculty (Previous knowledge of European languages is not required)</td>
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<tr>
<td>Geography</td>
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<td>Open to all registered students of the Faculty</td>
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<td>History</td>
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<td>Open to all registered students of the Faculty</td>
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<tr>
<td>Japanese Studies</td>
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<td>Open to all registered students of the Faculty (Previous knowledge of Japanese is not required)</td>
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<tr>
<td>Philosophy</td>
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<td>Open to all registered students of the Faculty</td>
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<tr>
<td>Political Science</td>
<td></td>
<td>Open to all registered students of the Faculty</td>
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<tr>
<td>Social Work</td>
<td></td>
<td>Open to all registered students of the Faculty (Must have the aptitude for, and a strong interest in, working with people)</td>
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<tr>
<td>Sociology</td>
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<td>Open to all registered students of the Faculty</td>
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<tr>
<td>Southeast Asian Studies</td>
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<td>Open to all registered students of the Faculty</td>
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<tr>
<td>South Asian Studies</td>
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<td>Open to all registered students of the Faculty</td>
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These subjects have no prerequisites
Opportunities

FASS students enjoy an array of learning activities beyond the classroom.

- Under the Faculty’s Student Exchange Programme (SEP), eligible students are encouraged to spend time, usually one semester, in a partner university and have their results credited towards their degree at NUS. The programme exposes students to exciting opportunities, broadening their academic horizons and enriching their experiences in different environments and cultures.

Students may choose from partner universities in America, Europe, Asia and Australasia.

There are also opportunities to read a joint minor with the University of Toronto (UoT). This programme allows students to read modules from both universities and benefit from the strengths of their host university:

- Joint Minor in “Urban and Regional Change in North America”
- Joint Minor in “The Renaissance”

- Immersion Programmes provide complete language learning experiences and include home stays, language classes, hands-on project work, workshops on the cultural and socio-historical aspects of the country and visits to nearby cities and attractions in the region. Students may participate in immersion programmes in France, Thailand, Indonesia, Vietnam or Germany.

- Field Studies allow for knowledge acquired in the classroom to be applied in real world settings. The Geography Field Studies module, for instance, has been successfully conducted over the years in Thailand. Students develop a better awareness of local cultures, good interpersonal skills and complementary abilities in order to complete their field tasks.

- Summer Programmes Students have the opportunity to apply for a study programme: Southeast Asia-in-Context Summer School, hosted by FASS (Southeast Asian Studies Programme), and work alongside Yale and Copenhagen University students. Part of the programme explores the possibility of studying in both Singapore and Malaysia under a field trip programme with the University of Malaya.
Our emphasis on critical thinking and analytical skills helps produce articulate and independent individuals. Our graduates work for a range of employers from government ministries to multinational corporations. Their roles include, but are not limited to:

| Advertising, Marketing, Corporate Communications and Events Management | Information technology |
| Arts and cultural industries | Tourism planning |
| Banking and finance | Transport planning |
| Broadcasting and journalism | Social work |
| Domestic and international consultancy | Survey research and statistical analysis |
| Economic and urban planning | Teaching and research |
| Editorial work and publishing |

Critical Thinking and Analytical Skills

Contact details

Undergraduate course details are available at the Faculty website:
www.fas.nus.edu.sg/prospective/undergrad.html

If you have further questions concerning course details, please send an email to fashelp@nus.edu.sg

To apply for undergraduate admission
Please refer to the "Admission Criteria and Application Procedures" section in this publication, or visit www.nus.edu.sg/admissions/undergrad for more details.

To apply for graduate admission
Please contact:
Division of Research and Graduate Studies
Dean’s Office
Faculty of Arts and Social Sciences
National University of Singapore
The Shaw Foundation Building AS7, Level 6, 5 Arts Link
Singapore 117570
Tel : (65) 6516 6164 / 8033 / 8036
Fax : (65) 6773 6878
Email : fasbox3@nus.edu.sg (research)
 : fasbox4@nus.edu.sg (coursework)
Website : www.fas.nus.edu.sg/graduate
“NUS Business School nurtures us students for our future careers. I had the privilege of representing the school at international case competitions in The Netherlands and Thailand, which allowed me to apply theory in real-life situations. In my second year, I embarked on a semester-long Student Exchange Programme to Maastricht, The Netherlands, which I can easily claim as one of the best periods of my life. The experience made me more mature and independent, and taught me to appreciate things that I formerly took for granted. With collaborations with the University Scholars Programme (USP), I also took exciting USP modules that honed my critical thinking ability and complemented my Accountancy studies at the Business School. Countless internship opportunities are also presented to us by our Career Services Office. With their help, I managed to clinch an internship with global professional services firm Deloitte, as well as a fully-paid trip to Paris, France to participate in oil and gas giant Total’s Summer School. In sum, the NUS Business School experience is one that I would strongly recommend to incoming undergraduates.”

Amelia Lee Qiu-Yan

“The NUS Business School experience has been critical in my rounded personal development. Right from the get go, I have had opportunities to take on leadership positions, serving as Honourary Financial Secretary in the Bizad Club. I subsequently went on to lead NUS Business School’s efforts in the University’s annual flagship charity event - Rag & Flag Day. I am convinced it is the best choice I made.”

Kwek Hsien Yao
NUS Business School, Asia’s Global Business School, offers the region’s pre-eminent undergraduate leadership and management talent programme. The NUS BBA is the most established business programme in Singapore. Started in the year of Singapore’s independence, the NUS BBA programme is an ideal breeding ground for entrepreneurs and aspiring corporate leaders. Since 1965, the School has helped to nurture and groom business and public leaders of Singapore and the world. Our School routinely contributes management thought leadership by integrating the breadth of Western knowledge with deep Asian insights. NUS Business School equips our students to be at the forefront of the global first league, where they may help international businesses succeed in Asia or propel Asian businesses onto the world stage. Seeking first and foremost to bring out the fullest potential in every student, the NUS BBA abides by 3 pillar principles: to ENGAGE, ENRICH and EMPOWER.

ENGAGE, ENRICH and EMPOWER. We aspire to proactively engage each bright mind under our wing of mentorship with our rigorous curriculum and array of exciting academic tracks. With as many special programmes from student exchange to overseas internships, coupled with NUS’ uniquely vibrant student life and culture of innovation, opportunities for enrichment beyond the usual classroom are aplenty. Finally, empowering students with opportunities to initiate, lead, and pursue their passions are special programmes like our Career Preparatory Programme, Alumni Groups, Entrepreneurship clubs and scholarship and bursary schemes. The latest addition to this is the Business Leadership Development Program, which will be expounded in the following sections.
The BBA programme provides a thorough grounding on the latest management concepts and business practices. This programme develops students to be effective and versatile business leaders. Our rigorous academic programme adopts a global focus seen through a distinct Asian perspective. Students may freely choose specialisations in Finance, Management, Marketing and Operations & Supply Chain Management. There is also a strong emphasis on practical relevance. Students will encounter real-world situations through internships, consulting practica, career development workshops and seminars throughout their programme.

Sectional Teaching
A fresh direction the BBA curriculum is heading full-stream toward for both programs is sectional teaching. Through this we hope to engage students actively in every class session of every Biz module they read in their first year. This provides students an immersion education experience that requires them to articulate their views with substance and confidence, and to build a stronger sense of cohort identity amongst BBAs. This will be implemented in at least six of the eight first-year Biz modules, during which instructors will adopt Participant-Centered-Learning (PCL) in teaching. Through this, naturally vocal students will be honed further to contribute quality discussion, and more reserved students will be encouraged to vocalise their thoughts more and eventually be comfortable with participating in class.

Field Service Project
As part of their graduation requirements, NUS Business School honours students also complete a Field Service Project (FSP) which allows them to serve as student-consultants to organisation. This is an attempt to provide them with a real-world learning experience that goes beyond textbooks and the traditional classrooms.

The students get the opportunity to learn the business models of the organisation, its value propositions, business operations and also the entrepreneurial passion and leadership of the CEO and management team.

In return, the organisation will identify a relevant business problem area which the students will study and subsequently submit and present a consulting report containing their analysis, findings and recommendations. This, from previous experiences, can be value-adding to the organisation and in this way, the students seek to provide their ‘service and contributions’ to the organisation. The students will work in a team, and each team is supervised by one of our professors.

BACHELOR OF BUSINESS ADMINISTRATION (BBA)/BACHELOR OF BUSINESS ADMINISTRATION WITH HONOURS [BBA (HONS)]

The BBA programme provides a thorough grounding on the latest management concepts and business practices. This programme develops students to be effective and versatile business leaders. Our rigorous academic programme adopts a global focus seen through a distinct Asian perspective. Students may freely choose specialisations in Finance, Management, Marketing and Operations & Supply Chain Management. There is also a strong emphasis on practical relevance. Students will encounter real-world situations through internships, consulting practica, career development workshops and seminars throughout their programme.
BBA/BBA (ACC.) AND LAW

The Business Administration and Law double degree is offered jointly by the NUS Business School and the Faculty of Law. As business and law can be highly interlinked fields, this programme will give its graduates a competitive advantage in the corporate arena. Trained in the core concepts of business administration and law, future business managers will gain a solid understanding of the workings of the Singapore legal system, while lawyers in training stand to get a good grasp of business and management concepts.

BBA/BBA (ACC.) AND ENGINEERING

The Business Administration and Engineering double degree is offered jointly by the NUS Business School and the Faculty of Engineering. The programme’s main aim is to groom business-savvy engineers. Students in this programme are trained to be highly qualified, adaptable and diverse professional engineers who are at the same time, equipped with the necessary business knowledge in areas like organisational behaviour, finance, marketing, accounting, economics and business law, empowering them to succeed in both the areas of technology innovation as well as management.

BBA/BBA (ACC.) AND ECONOMICS

The Business Administration and Economics double degree is jointly offered by the Business School and the Department of Economics in the Faculty of Arts and Social Sciences. This programme seeks to develop all-rounded students who emerge with a good understanding of the major economic forces at play in today’s marketplace as well as the functions of the firms that constitute the global economy. Graduates of this programme will find themselves well-positioned to pursue careers both in national economic policy making as well as market analysis in major financial institutions and multinational corporations.

BBA/BBA (ACC.) AND COMPUTER SCIENCE

The Business Administration and Computer Science double degree is jointly offered by the NUS Business School and the School of Computing. Computer technology plays an influential role in today’s world economy. Graduates with good computer science knowledge and sound understanding of business practices are highly sought after, in particular the IT industry. The aim of this programme is hence two-fold – to develop business-savvy IT professionals and technology-minded business leaders.

BBA/BBA (ACC.) AND INFORMATION SYSTEMS

The Business Administration and Information Systems double degree is jointly offered by the NUS Business School and the School of Computing. This programme fulfils similar needs and has similar aims to the double degree programme in Computer Science. However, this programme specialises in the area of information systems. Its focus is on the ways in which the application and management of information technology like ICTs can enhance the effectiveness of organisations. Students will gain a greater understanding on how to apply computer technology into their business workings.

BBA/BBA (ACC.) AND COMMUNICATIONS & NEW MEDIA

The Business Administration and Communications & New Media double degree is jointly offered by the NUS Business School and Department of Communications & New Media in the Faculty of Arts and Social Sciences. In today’s global environment, business and communications work hand in hand. Communications graduates must perform business-oriented tasks, like market analysis and marketing campaigns. Business graduates must deal with communication-intensive issues like public relations and crisis management. With the rise of new media like the internet and mobile technology, media-savvy professionals are in high demand in both fields. This programme offers students the best of both worlds in exploring two complex but increasingly intertwined fields.
The Business School believes in providing students the platform to charge their own course, and pursue their individual passions. So beyond what is formally offered, the Business School provides students with more diverse interests the option of reading Business with any other course with the exception of highly specialised and structured ones like Medicine, Dentistry, Pharmacy and Music. So a unique combination of Business with Life Sciences is definitely within reach.

**BBA (HONS) AND MASTER OF SCIENCE (MANAGEMENT) [MSC (MGT)]**

The Master of Science in Management is a concurrent programme designed with modules drawn from the BBA, MBA and PhD curricula. Eligible students may apply for this programme at any time during their course of study. Students can take the programme’s modules simultaneously with their regular course requirements. Students graduating in this concurrent programme will be awarded both the Bachelor of Business Administration with Honours [BBA (Hons)] and the Master of Science (Management) [MSc (Mgt)] degrees.

**CONCURRENT MASTER OF SCIENCE (MANAGEMENT) WITH MASTER IN INTERNATIONAL MANAGEMENT (CEMS MIM)**

Students in the BBA and MSc (Mgt) programme may opt for an additional CEMS Master in International Management (MIM) degree. Founded in 1988, CEMS, originally a network of European management schools is now a global alliance in management education – a strategic alliance of 27 world-class academic institutions and 60 corporate partners. NUS Business School is the first in Asia to become a full academic member of CEMS. The highly prestigious CEMS MIM emphasises interpersonal and leadership skills and was ranked by Financial Times as the No. 1 Masters in Management Programme in the world in 2009. Students will spend one semester each in two CEMS schools, as well as an internship with one of CEMS Corporate Partners or an approved international company. Generous scholarships are provided to outstanding students who are enrolled in this programme.

**BBA (HONS) AND MASTER IN PUBLIC POLICY (MPP)**

This concurrent degree programme is in collaboration with the NUS Business School and the Lee Kuan Yew School of Public Policy. This programme is ideal for students interested in the global dimensions of national policy making and who aspire to take on leadership roles in their respective sectors. This rigorous academic track aims to train future policy leaders to apply business principles to social and environment issues, corporate social responsibility and business ethics. As this programme also attracts regional and international scholars, many of whom are nominated by their governments, students will have excellent opportunities to connect and forge lasting friendships with like-minded individuals.
Scholarships, Awards and Bursaries

NUS offers an array of scholarships available to all students on a university-wide level. We at the Business School however aims to do better for our students, offering our own scholarships, bursaries and awards, open to both local and international students. This is over and above what the university provides. We ensure that no worthy student is denied a chance to pursue their education with us as a result of financial difficulties. Our students are eligible for over 100 such scholarships/awards.

Scholarships

- NUS Business Dean's Scholarship
- Mochtar Riady Scholarship
- Tahir Financial Scholarship

- Logistics Scholarships
- Isaac Manasseh Meyer Scholarship
- Ministry of Education Teaching Award (MOETA)
- KPMG Scholarship Award
- PwC Scholarship
- CPA Australia Scholarship
- Mizuho Scholarship
- Mr & Mrs Wu Jieh Yee Memorial Scholarship
- CCCF Business Scholarship
- SGX Scholarship

Awards

- NUS Business Study Award
The Business School also taps on its extensive network and close ties with overseas universities to organise study programmes/trips. These are usually shorter than exchange programmes in duration (about 6 to 8 weeks), and takes place over the summer vacation. Countries students get to journey to for this include:

- Hong Kong
- China
- The Philippines
- Indonesia
- Middle East
- USA
- Denmark
- Italy
- United Kingdom

Providing students with A Global Experience

University life is more than just an academic pursuit. It is also about a well-rounded education gained through expanding one's social and cultural horizons. With a wide range of campus activities provided, university life can be an exciting one. Looking a little further, the Student Exchange Programme (SEP), NUS Overseas Colleges (NOC) and overseas internship programmes offer students an even broader range of experiences. Twice a year, we send our BBA and MBA students on exchange to more than 200 partner universities in North and South America, Canada, Europe, Asia, Australia and New Zealand – in short, the entire world. Amongst those we have are:

Faculty-Wide Student Partners

- New York University
- University of Southern California
- University of North Carolina, Chapel Hill
- University of Washington, Seattle
- University of Texas, Austin
- University of Virginia
- University of British Columbia
- University of Toronto
- McGill University
- Copenhagen Business School
- Haute Etudes Commerciales (HEC) Paris
- Helsinki School of Economics and Business Administration
- Erasmus University of Rotterdam
- Maastricht University
- Lund University
- European Business School
- University of St Gallen
- Bocconi University
- City University of London
- University of Manchester
- Fudan University
- Peking University
- Tsinghua University
- Korea University
- Yonsei University

University-Wide Student Exchange Partners

- University of Pennsylvania
- Cornell University
- Carnegie Mellon University
- Rice University
- University of Illinois, Urbana-Champaign
- Escuela Superior de Administracion y Direccion de Empresas (ESADE)
- University of Oxford
- Shanghai Jiaotong University

Bursaries

- NUSBSA Bursary
- Jennifer Mao Bursary
- Foo Lee Him Bursary
- Ng Ah Hing Memorial Bursary
- Yanfang & Joseph Cherian Bursary
- Mizuho Bursary
- Peh Boon Poh Bursary
- Sentek Marine Bursary
- Comod-Aire Bursary
- Pek Cheng Chuan Memorial Bursary
- Siloso Beach Bursary
- Tan Eng Huat Eric Bursary
- Just Education Bursary
- NUS Business School Undergraduate Bursary
- NUS Business School Mandarin Alumni Bursary

NUS Business School Mandarin Alumni Bursary

- NU SBSA Bursary
- Jennifer Mao Bursary
- Foo Lee Him Bursary
- Ng Ah Hing Memorial Bursary
- Yanfang & Joseph Cherian Bursary
- Mizuho Bursary
- Peh Boon Poh Bursary
- Sentek Marine Bursary
- Comod-Aire Bursary
- Pek Cheng Chuan Memorial Bursary
- Siloso Beach Bursary
- Tan Eng Huat Eric Bursary
- Just Education Bursary
- NUS Business School Undergraduate Bursary
- NUS Business School Mandarin Alumni Bursary

The Business School also taps on its extensive network and close ties with overseas universities to organise study programmes/trips. These are usually shorter than exchange programmes in duration (about 6 to 8 weeks), and takes place over the summer vacation. Countries students get to journey to for this include:
Vibrant Student Life

The NUS Students’ Business Club (BizAd Club) is the school’s premier student organisation. All undergraduate students of the Business School enjoy automatic membership during their tenure here. The Club serves as the unifying link between students, the Deanery, key administrative offices and over 32,000 BizAd alumni. It therefore plays a significant role in establishing NUS Business School as a world-renowned institution with a vibrant and close-knit community of Bizaders – past, present and future. From organising Freshmen Orientation Projects to corporate friendly networking sessions with key industry players, the BizAd Club essentially hones effective leadership and management skills critical to a successful career, accomplished through fun and memorable activities. Besides the BizAd Club, there are also several specialised student interest groups to cater to more focused interests.

They are:
- AIESEC
- BBA Alumni Groups
- Case Consulting Group (AKA Case Club)
- CFA (Chartered Financial Analysts) Group
- NES (NUS Entrepreneurship Society)
- NUS Investment Society
- NUS-SIFE (Students In Free Enterprise)
- SE (Social Entrepreneurship) Forum
- Start-Up Singapore
- Uni-Y

Entrepreneurship

The Business School strongly encourages our students to engage in entrepreneurship, even while they are studying. We recognise the invaluable experience students gain as they apply classroom concepts to real-world activities. The Business School offers full support to our entrepreneurs. We facilitate regular dialogue sessions to encourage information and contact exchange. We also provide a virtual office service, allowing students to use the Business School address as their address of correspondence with external parties.

Student Achievements

Our Business students regularly make their mark in prestigious competitions here and abroad. Their recent achievements to date include:
- Winner of CaseIT 2012
- Winner of the Champions Trophy Case Competition, Auckland, New Zealand
- Winner of McIntire School of Commerce 12th Annual Navigant McIntire Case Competition
- Winner of Copenhagen Business School Case Competition 2011
- Overall Champion of Inaugural Ernst & Young Singapore Business Case Competition 2011
- Winner of HSBC-McKinsey Business Case Competition 2011
- Winner, First Runner-Up & Second Runner-Up at 2011 Traders Trophy Competition
- Second Runner-Up of CaseIT 2011
- Second Runner-Up of 33rd Intercollegiate Business Competition
Distinguished Alumni

<table>
<thead>
<tr>
<th>Class of 1960s</th>
<th>Class of 1970s</th>
<th>Class of 1980s</th>
<th>Class of 1990s</th>
<th>Class of 2000s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kua Hong Pak, Director of Temasek Holdings, Managing Director and Group CEO of ComfortDelGro Corporation Ltd, Deputy Chairman of SBS Transit Ltd and VICOM Ltd</td>
<td>Chew Hua Seng, Chairman &amp; CEO of Raffles Education Corporation</td>
<td>Grace Fu, Senior Minister of State, Ministry of Information, Communications and the Arts &amp; Ministry of the Environment and Water Resources</td>
<td>Adam Khoo, Executive Chairman &amp; Chief Master Trainer of Adam Khoo Learning Technologies Group</td>
<td>Liew Teck Wayne, Henry, Director of Bengawan Solo Pte Ltd</td>
</tr>
<tr>
<td>Lim Hock San, President &amp; CEO of United Industrial Corporation Ltd</td>
<td>Chua Sock Koong, Group CEO of SingTel Optus Pty Ltd, Director of SingTel Ventures, SingTelSat Pte Ltd, SingTel Singapore Pte. Ltd &amp; Bharti Telecom Limited</td>
<td>Janet Ang, Managing Director of Singapore Operations at International Business Machines Corp</td>
<td>Koh Thong Wiee, Benny, Head of Treasury, Temasek Holdings (Pte) Ltd</td>
<td>Lim Choon Pin, Managing Director of Tangram Design</td>
</tr>
<tr>
<td>Seah Lim Hua, Peter, Chairman of DBS Group Holdings Limited &amp; DBS Bank Ltd. Chairman of Singapore Health Services Pte Ltd. Deputy Chairman of CapitalLand Limited. CEO of Overseas Union Securities Ltd</td>
<td>Chua Tiang Choon, Keith, Executive Chairman of ABR Holdings</td>
<td>Jeanette Wong, Group Executive of Institutional Banking for DBS Bank</td>
<td>Tan Khang Hwee, Leonard, Founder &amp; CEO of Purple Click Media Pte Ltd</td>
<td></td>
</tr>
<tr>
<td>Hsieh Fu Hua, Member, NUS Board of Trustees &amp; National Arts Council, Honorary Chairman, Securities Investors Association (Singapore), Independent Non-executive Director, United Overseas Bank and Tiger Airways, Advisor, Singapore Institute of International Affairs and Co-founder &amp; Advisor, PrimePartners Group of Companies</td>
<td>Tan Sri Albert Cheng Yong Kim, Managing Director of Lion Industries Corp. Bhd &amp; Lion Diversified Holdings</td>
<td>Kelvin Tan, Head of Local Corporates &amp; Conglomerates of Global Banking for HSBC</td>
<td>Koo Kok Thong, Frank, President for Singapore &amp; Malaysia of Pearson Education South Asia</td>
<td></td>
</tr>
<tr>
<td>Kuok Khoon Hong, Chairman &amp; CEO of Wilmar International</td>
<td>Hjch Fu Lian Kheng, Group Chief Executive of UOL Group</td>
<td>Patricia Yim, Managing Director of IBM Singapore Pte. Ltd</td>
<td>Lau How Sin, Howie, Vice President of Marketing and Communications (CMO) for the Emerging Markets Group in Lenovo</td>
<td></td>
</tr>
<tr>
<td>Ng Ser Miang, Chairman of NTUC Fairprice Co-operative Ltd, Vice President of the International Olympic Committee and Singapore Ambassador to the Republic of Hungary and The Kingdom of Norway</td>
<td>Ho Cheng At, Managing Director of ComfortDelGro Corporation Ltd</td>
<td>Ronald Ong, Chairman &amp; CEO of South East Asia, Morgan Stanley</td>
<td>Maurice Tan, Lead, Consumer Channel Group at Microsoft</td>
<td></td>
</tr>
<tr>
<td>Veronica Eng, Partner at Permira Advisers Limited, United Kingdom</td>
<td>Yap Chin Kok, Robert, Chairman &amp; CEO of YCH Group Pte Ltd</td>
<td>Tan Lei Keng, Head, Finance for CapitalMall Trust Management Limited</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Career Prospects and Course Accreditations

Preparing for the Road Ahead: BBA Career Services

With a dedicated Career Services team, NUS Business School is well-positioned to give students a head start in the global business environment. The office adopts a pro-active engagement with students throughout their years in the Business School. In their freshmen year, all undergraduates undergo its flagship Career Preparatory Programme, the Career Planning and Management module; where they learn critical job search strategies, resume writing, interviewing skills, networking techniques as well as business etiquette and corporate dressing. Each student is also assigned a career counselor, who paces with them every step of the way, from exploring career options to job application. Biz Career Services also works closely with recruiters from multinational corporations and leading organisations across various industries, including accounting, banking & finance, consulting, oil and energy, FMCG, and logistics to create internship and job opportunities for our students. Through such intensive engagement and preparation, a large proportion of Business graduates eventually gain employment with leading and established corporations like AT Kearney, Bain & Company, Barclays Capital, BP, Credit Suisse, Deutsche Bank, General Electric, HSBC, JP Morgan, Keppel Logistics, Merrill Lynch, Morgan Stanley, PricewaterhouseCoopers, Procter & Gamble, Samsung, Shell, and Standard Chartered Bank, even before graduation.
Rankings And Accreditations

Our reputation is forged on a long tradition of associating with the best. From teaching to research and community involvement, we combine some of Asia’s most outstanding faculty members and brightest students, earning our School worldwide prestigious recognition and accreditations.

We are:

- One of only 8 Business Schools in Asia accredited by EQUIS (The European Quality Improvement System)
- One of only 7 Business Schools in Asia accredited by AACSBInternational (The Association to Advance Collegiate Schools of Business)
- Member of The European Foundation for Management Development (EFMD), the largest international network association in the field of management development

Our Global Rankings Include:

- Highest ranked Business School in Singapore and Asia for Accounting and Finance (2011 QS World University rankings®)
- Termed “Best Business School in Far East Asia” (Eduniversal Rankings 2011)
- One of the world’s BEST 20 Business Schools (Princeton Review, 2012 edition)
- 1st in Asia, 4th outside the USA (Forbes Rankings for 2-year MBA programmes)
- 2nd Worldwide for the CEMS Master in International Management (Financial Times Pre-experience Master in Management Rankings 2011)
- 9th for the UCLA-NUS Executive MBA (Financial Times Global MBA/EMBA Rankings 2011/12)
- 19th for the Asia Pacific Executive MBA (Financial Times Global MBA/EMBA Rankings 2011/12)
- 23rd for the MBA (Financial Times Global MBA/EMBA Rankings 2011/12)
- 86th Worldwide (Economic Intelligence Unit 2011)

Contact details

Bachelor of Business Administration
bba@nus.edu.sg

Masters of Business Administration (MBA)
mba@nus.edu.sg

NUS-PKU Double Degree MBA
imba@nus.edu.sg

UCLA-NUS Executive MBA
ucla@nus.edu.sg

Asia Pacific Executive MBA (English)
apexe@nus.edu.sg

Asia Pacific Executive MBA (Chinese)
apexc@nus.edu.sg

Doctor of Philosophy
phdenquiry@nus.edu.sg

For Executive Programmes
exec_edu@nus.edu.sg
“NUS offers me a multitude of opportunities to enrich myself. Immersed in a research-oriented environment, I find myself inspired and ready to explore new ideas. My interactions with lecturers and students of diverse cultures and disciplines have instilled confidence in me. I have become more vocal about my opinions, and more eager to collaborate with others. Furthermore, with its support for the arts, NUS has helped me gain a greater appreciation of culture. I now have a broader perspective and awareness of the world.”

Ong Jit Sheng, Jonathan
NUS School of Computing (SoC) is Singapore’s most established centre of computing education at university level. We have an excellent record of nurturing graduates who thrive in various sectors of the economy, from biomedicine to finance and various high-tech industries. We count among our alumni chief executives and technology architects of multinationals and government agencies.

We equip our students with the edge that sets them apart from their peers. We inculcate in our students computational thinking and life-long learning skills, which help them see complex problems through a creative lens, formulate the problems in an innovative way, and solve the problems in simple elegant steps. SoC comprises two academic departments and is home to 2,000 students, a quarter of them pursuing graduate studies.

Single Degree Programmes

**BACHELOR OF COMPUTING (COMPUTER SCIENCE) (HONOURS) PROGRAMME**

This programme has been developed for students who have a keen interest in Mathematics and want to apply it to solve real-world problems in a creative way. It focuses on core principles and applications, including programming languages and systems, software design, databases, parallel computing, networking, theory and algorithms, multimedia, artificial intelligence and computer security. Students will graduate with a strong and diversified technical knowledge of computer science and technology. Students in this programme can also take a specialisation in Information Security, which should prepare them for careers that are related to the prevention, detection and management of security threats.

**BACHELOR OF COMPUTING (COMMUNICATIONS AND MEDIA) HONOURS PROGRAMME**

This programme is designed to address needs in the fast-emerging discipline of interactive digital media communications and its effective management. Developed with the support of the Faculty of Arts and Social Sciences, it is a multidisciplinary programme that integrates content design and mass communication techniques with the Internet, World Wide Web, and interactive and digital media technologies. The programme produces computing technologists with an understanding of the humanistic and social aspects of the effects of information technology in the digital era.
BACHELOR OF COMPUTING  
(INFORMATION SYSTEMS)  
HONOURS PROGRAMME

This programme provides a stimulating education that equips students with the ability to integrate infocomm technology fundamentals with domain expertise to develop innovative solutions for organisations. Through projects and case studies that are aligned with industry best practices, students will develop an in-depth understanding of the strategic exploitation of infocomm technology in emerging organisational forms. Students will become proficient in the design and development of infocomm solutions and the management of infocomm projects. Such skills are vital in helping students develop versatile careers as business analysts, solution architects, techno-strategists, and infocomm project managers. Specialisations offered within this programme include Services Science, Management and Engineering (SSME) and Information Security.

BACHELOR OF COMPUTING  
(E-COMMERCE)  
HONOURS PROGRAMME

This programme produces graduates with a deep understanding and command of the theories and practice of information technology; a broad understanding of business; and a thorough understanding of consumer behaviour, organisational demands, investment and economic analyses of e-commerce. A good complement of this programme is a Minor in Business or Technopreneurship.

BACHELOR OF ENGINEERING  
(COMPUTER ENGINEERING)  
HONOURS PROGRAMME

This programme aims to produce graduates with a good foundation to work in the critical layer of technology that interfaces hardware with software. In particular, graduates will be able to attain significant knowledge and abilities in key technologies for real-time embedded systems, computer networking & wireless communication systems, medical imaging & information systems, intelligent control systems, and many others. This multidisciplinary programme is jointly offered with the Department of Electrical & Computer Engineering in the Faculty of Engineering.

BACHELOR OF COMPUTING  
(COMPUTATIONAL BIOLOGY)  
HONOURS PROGRAMME

This programme addresses the need for expertise to efficiently handle the explosive growth of data generated by the post-genomic era and proteomics research. It focuses on novel and state-of-the art computational approaches and instrumentations for the most effective analysis. Developed with the support of the Faculty of Science and Yong Loo Lin School of Medicine, this multidisciplinary programme produces graduates who are equally at ease with algorithm design, and mathematical and statistical analysis, as they are with biochemistry, biology/genetics, and wet lab know-how.

DOUBEl DEGREE PROGRAMMES  
IN BACHELOR OF COMPUTING  
(COMPUTER SCIENCE/  
INFORMATION SYSTEMS) AND  
BACHELOR OF ACCOUNTANCY  
BACHELOR OF BUSINESS  
ADMINISTRATION

These double degree programmes emphasise developing both core computing skills and business skills in a student. Students acquire the wherewithal to apply computational considerations to all aspects of business practice, introducing a new analytic dimension to the understanding of organisational behaviour, finance and accounting, marketing, economics, business law and the like. Students will also obtain the know-how to practise the management and implementation of information systems.
DOUBLE DEGREE PROGRAMMES IN BACHELOR OF COMPUTING (COMPUTER SCIENCE) AND BACHELOR OF SCIENCE (MATHEMATICS/APPLIED MATHEMATICS)

Targeted at A-level qualifications holders with good results or special talent in mathematics or computing, the programmes seek to groom them into graduates who will be at ease with tackling multifaceted computational problems in industry such as complex scheduling, or taking interactive digital media to the next phase. Emphasising quality over quantity, admission to the programmes is highly selective, and students must maintain consistently good results to remain in the programmes. Students may choose to specialise in either algorithms and computation, or multimedia modelling.

CONCURRENT DEGREE PROGRAMME IN BACHELOR OF COMPUTING (COMMUNICATIONS AND MEDIA) HONOURS AND MASTER OF ENTERTAINMENT TECHNOLOGY

This is a fast-track programme that allows deserving students to obtain the Bachelor of Computing (Communications and Media) degree from NUS and a Master of Entertainment Technology degree from Carnegie Mellon University (CMU) within five years. Students will complete the four-year BComp programme within 3.5 years, and proceed to complete the two-year MET with Entertainment Technology Center (ETC) at CMU within 1.5 years. The Masters of Entertainment Technology is a specialised degree programme in the interdisciplinary field of entertainment technology that combines technology and fine arts for the creation of new processes, tools and vision for storytelling and entertainment.

CONCURRENT DEGREE PROGRAMME IN BACHELOR OF COMPUTING (INFORMATION SYSTEMS) HONOURS WITH MASTER OF SCIENCE (MANAGEMENT)

Computing professionals need to rise up to the challenges of managing new Computing and market trends such as IT outsourcing and offshoring, IT entrepreneurship, and commercialisation and management of innovative and complex IT products and services. The Concurrent Degree Programme combining Bachelor of Computing (Information Systems) (School of Computing) and Master of Science (Management) (School of Business) provides a multidisciplinary platform for students to marry strong technical computing skills with the requisite management, communications, and marketing skills to respond effectively to these challenges.

CONCURRENT DEGREE PROGRAMME IN BACHELOR OF COMPUTING (INFORMATION SYSTEMS) HONOURS WITH MASTER OF PHILOSOPHY IN MANAGEMENT

This fast-track four-year programme allows students to graduate with a Bachelor degree in Information Systems from NUS and a Master of Philosophy (MPhil) degree in Management from Cambridge University. Students will obtain a global education within three years at NUS and one year at Cambridge University. The MPhil in Management is offered by the Judge Business School, Cambridge University, UK. It is a taught Master’s programme which offers new and recent non-business/management graduates a thorough grounding in management.

CONCURRENT DEGREE PROGRAMME IN BACHELOR OF COMPUTING (COMPUTER SCIENCES/COMPUTATIONAL BIOLOGY) HONOURS AND Scientiae Magister

These are two fast-track programmes that allow deserving students to obtain the Bachelor of Computing in either Computer Science or Computational Biology Degree from NUS and a Scientiae Magister from Brown University within five years. The programme aims to educate Computer Scientists/Computational Biologists in the foundations and the technology of Bioinformatics in its broadest connotation. Brown University has an excellent reputation for innovative education and research, and the tight integration of theory and practice. Graduates from this programme will play a major role in developing biotechnology industries and know-how, spanning therapeutics, diagnostics, translational medicine and fundamental research.
CONCURRENT DEGREE PROGRAMME IN BACHELOR OF COMPUTING HONOURS WITH MASTER OF SCIENCE IN LOGISTICS & SUPPLY CHAIN MANAGEMENT

The Concurrent Double Master Programme (CDMP) is an accelerated programme targeted at talented NUS undergraduates (pursuing BSc, BComp, BBA, BEng) who desire to establish a career in the Logistics and Supply Chain Management (SCM) sector. Offered in collaboration with Georgia Institute of Technology, the programme is tailored to train and groom strong candidates early for their strategic and management roles in their respective organisations. CDMP is supported strongly by Singapore’s Economic Development Board (EDB) and many key industry partners, with attractive scholarships and job placements available to outstanding students.

NUS-FRENCH DOUBLE DEGREE PROGRAMMES

France has a long tradition of scientific achievement. Elitist and prestigious in nature, the Grandes Écoles of France are institutions of higher education offering the best in French Engineering and Science outside mainstream public universities. These programmes with French Grandes Écoles allow students to be exposed to and learn from foreign cultures, network with Singaporeans and foreigners, and acquire proficiency in a third language. Participating Grande Écoles include:

- École Centrale Paris (ECP)
- École Polytechnique (X)
- École Supérieure d’Electricité (Supélec)
- École des Mines de Paris (Mines ParisTech)
- École Nationale Supérieure des Télécommunications (Telecom ParisTech)

Admission criteria

<table>
<thead>
<tr>
<th>Major Course</th>
<th>Duration</th>
<th>Selection Test/ Interview</th>
<th>Subject Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Computing (Communications and Media) (Honours)</td>
<td>4 years</td>
<td>No</td>
<td>H2 Computing/Mathematics/Physics or at least a B grade in H1 Mathematics</td>
</tr>
<tr>
<td>Bachelor of Computing (Computational Biology) (Honours)</td>
<td>4 years</td>
<td>Yes</td>
<td>Pass in HL Computer Science/Mathematics/Physics or a good pass in SL Mathematics</td>
</tr>
<tr>
<td>Bachelor of Computing (Computer Science) (Honours)</td>
<td>4 years</td>
<td>No</td>
<td>Major CAP of 2.0 in Mathematics</td>
</tr>
<tr>
<td>Bachelor of Computing (E-Commerce) (Honours)</td>
<td>4 years</td>
<td>No</td>
<td>H2 Computing or at least a B grade in H1 Mathematics</td>
</tr>
<tr>
<td>Bachelor of Computing (Information Systems) (Honours)</td>
<td>4 years</td>
<td>No</td>
<td>Good H2 passes or equivalent in Biology, Chemistry, and either Mathematics or Physics</td>
</tr>
<tr>
<td>Bachelor of Engineering (Computer Engineering) (Honours)</td>
<td>4 years</td>
<td>No</td>
<td>A good grade in either GCE ‘A’-level/H2 level Mathematics and a good grade in GCE ‘A’-level/H2 level in either Physics or Chemistry. Those with H2 level in Chemistry must have GCE ‘O’-level Physics or equivalent</td>
</tr>
</tbody>
</table>

The table above provides the subject prerequisites for each single degree course. Students without HL Physics are required to take specified Physics bridging modules offered.

For Double Degree and Concurrent Degree prerequisites, please refer to: http://www.nus.edu.sg/oam/apply/local/prerequisites/BYA-prerequisites.html#top
Special Programmes

Turing Programme (TP) for BComp (CS): Preparing Students for a Research Career in Computer Science

This four-year programme is named after Alan M Turing to commemorate this outstanding pioneer of computer science. The Turing Programme is most suitable for students who love to solve technically challenging problems and are able to handle both theoretical and practical work. Students in TP are expected to build a sufficient track record by the time they graduate to gain admission into the PhD programmes in top schools including SoC. So, students admitted into TP will be assigned CS professors as their mentors to help them to build their track records.

von Neumann Programme (vNP) for BComp (CS): Blending Academic Knowledge and Industry Experience into Computer Science Education

The von Neumann Programme is named after John von Neumann to commemorate this scintillating intellect of computer science. The von Neumann Programme is most suitable for students who love to solve complex real-world problems and develop complex computer-based systems for real-world applications. Students admitted into vNP will be assigned CS professors and industry partners as their mentors, who will help them to blend academic knowledge and industrial experience into their studies.

Internships

Advanced Technology Attachment Programme (ATAP)

This premium programme places students with established organisations (both local and overseas), to allow them firsthand experience in industry related projects. This internship programme has the active support of government agencies and multinationals in sectors ranging from financial services to interactive digital media and bioinformatics research.

Student Internship Programme (SIP)

This internship programme is similar to ATAP in objective and quality, but unfolds in three rather than six months. It places students in established organisations, both local and overseas, so that they may work on industry related projects from government agencies and multinationals in sectors ranging from financial services to interactive digital media and bioinformatics research during their special terms which span from May to July annually.

Course Accreditations and Career Prospects

Special Programmes

Our curricula are aligned with the recommendations of the three international accreditation bodies in Computing education: the Association for Computing Machinery (ACM), the Association for Information Systems (AIS), and the Computer Society of the Institute of Electrical and Electronic Engineers (IEEE). The Computer Science programme is recognised by ABET Inc., the world respected US-based accreditation agency, as being substantially equivalent to similar certified programmes in the US.

NUS Computing Graduates: Favourites of Hirers

NUS School of Computing prides itself in producing graduates who are in demand under different economic climates. Indeed, in the midst of the past financial downturn, multinationals and other companies continued to engage our students with talks and hosted visits, with the aim of gaining a head-start in hiring them. Other major companies offer internships to identify potential hires from among our students even earlier.

Contact details

Details of all NUS Computing programmes
www.comp.nus.edu.sg
Queries
socug@comp.nus.edu.sg

Lim Wei Yang

Year 4
Concurrent Programme in BComp (Hons) Information Systems and MPhil (Management)
from Cambridge University G51T 2011 Vancouver
Second Runner-up IVP Track and Field Medallist
All Rounder from NUS School of Computing
“The Faculty of Dentistry at NUS provides a rigorous training programme which allows its students to develop into competent clinicians with integrity and professionalism. The faculty has also given us many opportunities to develop our research abilities, leadership qualities and a sense of social responsibility. I am grateful for the education and training that I have received here, and will always be proud to be a dental graduate of NUS”.

Soh Shean Han

Faculty of Dentistry
The Faculty has its beginnings in 1929 as a department of the King Edward VII College of Medicine – the first dental school to be established in a British Colony in the East. In 1962, it became part of the University of Singapore, achieving faculty status in 1966. Today, the Faculty of Dentistry is one of the leading dental schools in the region. Committed to the vision of being a dental institution of international distinction, it has made considerable investment in state-of-the-art equipment to enhance its teaching and research capabilities. It has about 180 undergraduates, 40 graduate students and 30 full-time teaching staff. In addition, specialists and prominent practitioners from both public healthcare institutions and private practice contribute to both the undergraduate and postgraduate programmes as adjunct teachers.

From 1 October 2011, the NUS Faculty of Dentistry was restructured into a one-department Faculty.

THE BACHELOR OF DENTAL SURGERY (B.D.S) PROGRAMME

The four-year Bachelor of Dental Surgery (B.D.S) programme is a rigorous programme with comprehensive didactic and clinical sessions. Graduates will be eligible for immediate registration with the Singapore Dental Council. The faculty adopts a multi-disciplinary and integrated approach to teaching that encourages undergraduates to take a holistic approach towards patient management.

The learning environment is geared towards student-centred learning. Self-directed learning and comprehensive patient care are the focus of the curriculum.

The B.D.S programme comprises pre-clinical (first two years) and clinical components. In the pre-clinical years, dental undergraduates share some common core subjects with medical undergraduates. They also receive extensive hands-on training through pre-clinical simulation and technique programmes before they get to manage patients in the various dental disciplines.

In the clinical years, undergraduates manage and treat their own patients under supervision. It is here that they apply the theory and skills acquired previously in the various disciplines. They manage patients ranging from preschoolers to the elderly, and are exposed to the care of patients with special needs in their final year.

Students are also given opportunities to engage the community through public dental screenings, involvement in community projects and postings to nursing homes.

In their final year, students attend the ‘General Practice Management’ (GPM) course which will further prepare them for the demands of clinical practice upon graduation. This course also provides students the opportunity to visit private practitioners in town and heartland settings to study the roles, objectives and management styles of each practice.
Health Requirements

In accordance with Ministry of Health requirements, candidates who are Hepatitis B (HBV) carriers are not eligible for admission to Dentistry. In addition, NUS requires all candidates to demonstrate immunity to HBV. In the event that they remain non-immune despite repeat vaccinations, it is in their interest to reconsider their career choice as their future career options in healthcare may be limited.

NUS reserves the right to retest any or all of its new dental undergraduates for any or all markers of Hepatitis B virus, and exclude any candidate tested positive for HBV from the Dental course.

Prospective dental students must also furnish documentary evidence of immunity to, or immunisation for, Varicella Zoster Virus (Chickenpox) and Ruebella Virus.

Job Shadowing Programme

Tailored for Secondary and Junior College Students, the one-day Job Shadowing Programme aims to give students an insight into dentistry and the dental course through observation of students and staff working in the clinics.

Candidates short-listed for admission will be invited to take a manual dexterity test and appear for an interview.
Problem Based Learning (PBL)
Problem based learning tutorials were introduced in 1996 to encourage student-centred learning. This method is designed to stimulate students to think and challenge one another, solve problems as well as fill their knowledge gaps by raising learning issues.

Undergraduate Research Opportunities Programme (UROP)
Research is for everyone, not just the professors and graduate students. Every undergraduate is given the opportunity to participate in a research project through the UROP during year 3 of their course. Students in small groups work on a research project supervised by staff. At the end of the final year, their work is presented to the Faculty on Faculty UROP Day. Students also submit their projects for local, regional and international research competitions. Many of the projects have been published in international publications.

Overseas Enrichment Programme
The Faculty’s Overseas Enrichment Programme (OEP) was started in 1996 to broaden our students’ experience by exposing them to other cultures and different learning environments. All Year 3 and 4 students have the opportunity to spend 2 weeks in an overseas university in the United States, United Kingdom, Europe, Canada, Japan, China, Hong Kong or Australia.

Guild of Dental Graduates
Faculty of Dentistry Alumni Mentorship Scheme
A joint initiative between the Guild of Dental Graduates and the Faculty of Dentistry, this scheme launched in AY 2006/2007 aims to engage alumni in mentoring, coaching and guiding our undergraduate students. Through sharing their wealth of experience with our students, alumni play a critical role in guiding the young dentists-to-be into the world of dental practice.

Career Opportunities
Fresh graduates are given immediate employment in the government service as part of a service bond to the Ministry of Health. Some stay on, mostly to pursue specialist training. Most enter private practice or some may opt for a career in academia, military or healthcare administration.

Dentistry
denbox2@nus.edu.sg
“The School of Design and Environment is a close knit family that offers a holistic learning journey – not just in the academic field – as well as a vibrant co-curriculum scene where there exist a myriad of opportunities waiting to be explored. I had a wonderful time in SDE – forging strong friendships, participating in exciting, meaningful activities and making impactful changes to the community.”

Ang Yu Qian
The School of Design & Environment (SDE) traces its roots back to 1958, when the Department of Architecture offered a five-year programme in the Singapore Polytechnic. From these humble beginnings, the School has grown into a world-class institution offering programmes in architecture, project and facilities management, real estate and industrial design.

From training professionals responsible for the building of the nation in its fledgling years of independence, to nurturing graduates equipped for the challenges of the future; the School provides an education which prepares its graduates to meet the current and future challenges of the design industry in relation to the built environment.

Since its establishment over five decades ago, SDE has nurtured and groomed more than 5,000 graduates. On the strength of its rich heritage and visionary leadership, the School is poised to remain at the forefront of global excellence in education and research.

Bachelor of Arts (Architecture) with Honours/Master of Architecture (M. Arch)

The Bachelor of Arts (Architecture) [B.A. Arch] is a four-year undergraduate honours programme which prepares graduates for architectural design, urban design, construction and allied professions in the global context.

The curriculum focuses on architectural studies, with design as the core discipline. Design projects are exploratory and grounded in cultural and environmental concerns. The result is an education which equips graduates with the creative, analytical and broad intellectual outlook, necessary to operate in a global context.

Students who fulfill the required academic criteria can continue with the one-year Master of Architecture or Master of Landscape Architecture programme within the framework of a five-year concurrent professional degree programme. The M. Arch is the professional degree recognised by the Singapore Board of Architects.
This four-year undergraduate honours programme prepares graduates for a career in the creative and design industries. The curriculum is crafted with a synergistic three-pronged approach. First, it cultivates graduates’ design thinking, enabling them to develop innovative solutions and strategy. Second, it equips them with multi-disciplinary skills such as social economics, marketing and knowledge of engineering and technology. Finally, it develops their artistic and imaginative sensibilities.

Students also gain invaluable industry experience through conceptual and real-life projects sponsored by our industry partners such as Dell, L’Oreal and BMW Group Designworks USA.

This four-year undergraduate honours programme prepares graduates for an exciting career in the management of world-class projects and facilities. The curriculum provides graduates with a comprehensive education in procurement, cost, quality, risk, time and strategic facilities management. Graduates also receive a strong foundation in relevant fields of science and technology. Its breadth and depth, produces competent and versatile leaders of the built environment.

Students who fulfill the required academic criteria may opt for a second major in Management, offered by NUS Business School or Management (Technology), jointly offered by NUS Business School and NUS Faculty of Engineering.

This four-year undergraduate honours programme trains graduates to become real estate leaders who create and manage wealth in the built environment. The curriculum encompasses highly-specialised fields such as Real Estate Finance and Investment, Real Estate Development and Management, and Urban Policy and Planning. This provides graduates with specialised business-related skills, allowing them to play integral roles in the development of the built environment through the creation of wealth transformation and management of real estate resources.

Students who fulfill the required academic criteria may opt to complete a specialisation in either Real Estate Finance or Urban Planning.

Why Should You Study With Us?

A Tradition Of Excellence

For over 50 years, SDE has been the pre-eminent choice for undergraduates looking to pursue an internationally recognised education in architecture, project and facilities management, real estate and industrial design.

It is this rich heritage which motivates our staff in providing an educational experience of the highest standards.

Opportunities

An education at SDE goes beyond the confines of a classroom.

Student Exchange Programme

Under the School’s Student Exchange Programme, eligible students are encouraged to spend time with one of our partner universities. The programme exposes students to exciting opportunities, broadening their academic horizons from a host of different environments and cultures in America, Europe, Asia and Australasia.
<table>
<thead>
<tr>
<th>Course</th>
<th>Course Duration</th>
<th>Majors</th>
<th>Selection Test/Interview</th>
<th>Subject Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Arts (Architecture) (Honours)</td>
<td>4 years</td>
<td>Architectural Design History &amp; Theory of Architecture Urban Design Architectural Technology Design &amp; the Environment</td>
<td>Yes</td>
<td>Good grades in at least 2 subjects at H2 level or equivalent A good grade in Mathematics, Chemistry or Physics</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A good grade in SL Mathematics, Chemistry or Physics at H1 level; or 'O' Level Additional Mathematics</td>
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<td></td>
<td>Major CAP of 2.0 in Mathematics, Chemistry or Physics</td>
</tr>
<tr>
<td>Bachelor of Science (Project and Facilities Management) (Honours)</td>
<td>4 years</td>
<td>Project Management Facilities Management PFM students may opt to do a second major in Management (offered by School of Business) or Management (Technology) (offered by School of Business &amp; Faculty of Engineering). The double major can be completed in 4 years (i.e. normal time), through double counting.</td>
<td>No</td>
<td>Good grades in at least 2 subjects at H2 level or equivalent A good grade in Mathematics, Chemistry or Physics</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A good grade in SL Mathematics, Chemistry or Physics at H1 level</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Good grades in Mathematics, Chemistry or Physics at H1 level; or 'O' Level Additional Mathematics</td>
</tr>
<tr>
<td>Bachelor of Science (Real Estate) (Honours)</td>
<td>4 years</td>
<td>Real Estate Finance &amp; Investment Real Estate Development &amp; Management Urban Policy &amp; Urban Planning RE students may opt to complete a specialisation in either Real Estate Finance or Urban Planning. The Department of Real Estate offers double-degree programmes in conjunction with the NUS School of Business.</td>
<td>No</td>
<td>Good grades in at least 2 subjects at H2 level or equivalent A good grade in Mathematics, Chemistry or Physics</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A good grade in SL Mathematics, Chemistry or Physics at H1 level; or 'O' Level Additional Mathematics</td>
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<td></td>
<td>Major CAP of 2.0 in Mathematics, Chemistry or Physics</td>
</tr>
</tbody>
</table>
Field Trips
Field trips allow for knowledge acquired in the classroom to be applied in real world settings. These field trips allow students to develop a better awareness of cultures and interpersonal skills in various environmental and socio-economic contexts.

Course Accreditations and Career Prospects

Architecture
The B.A. (Arch) and M. (Arch) programmes are accredited by the Singapore Institute of Architects (SIA), the Board of Architects (Singapore) and the Royal Institute of British Architects (RIBA).
Architecture graduates may join architectural firms or architectural departments within government or statutory boards to practice locally or internationally. There are also opportunities in related fields such as industrial design, interior and graphic design, and architectural journalism.

Project & Facilities Management
The B.Sc. (PFM) programme is accredited by the Royal Institution of Chartered Surveyors, UK (RICS), the Singapore Institute of Surveyors and Valuers (SISV) and the Chartered Institute of Building (CIOB).
Graduates of the programme can look forward to career opportunities in project development, project management, total building performance, facilities management and consultation.

Real Estate
The B.Sc. (RE) programme is accredited by the SISV and RICS.
Real Estate graduates may become real estate development consultants, real estate finance analysts, real estate marketing managers, real estate fund managers, urban planners, economists, and valuers. Graduates of the programme have also discovered rewarding employment with statutory boards such as the Housing Development Board (HDB), the Urban Redevelopment Authority (URA) and the Inland Revenue Authority of Singapore (IRA).

Industrial Design
Graduates of the B.A. (ID) programme become industrial designers, graphic designers, exhibition designers, brand and packaging designers, product managers and innovation consultants. Graduates of the programme have found exciting opportunities with multinational corporations such as BMW Group, HTC, Microsoft and Nike.
Some Industrial Design graduates have gone on to start their own companies in design or design related areas. Some examples include OutofStock Design, Studio Juju, and the Hans Tan Studio.

School of Design and Environment
### Departments

<table>
<thead>
<tr>
<th>Programs</th>
<th>Architecture</th>
<th>Building</th>
<th>Real Estate</th>
<th>Industrial Design</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BA (Architecture) (Honours) / MArch Concurrent Degree</td>
<td>BSc (Project &amp; Facilities Mgt) (Honours)</td>
<td>BSc (Real Estate) (Honours)</td>
<td>BA (Industrial Design) (Honours)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accreditations</th>
<th>Architecture</th>
<th>Building</th>
<th>Real Estate</th>
<th>Industrial Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>RIBA Part 1, Part 2 Singapore Institute of Architects Board of Architects (Singapore)</td>
<td>RICS SISV CIOB</td>
<td>RICS SISV</td>
<td>Industrial Design is not regulated by a professional body</td>
<td></td>
</tr>
</tbody>
</table>

### Career Prospects

<table>
<thead>
<tr>
<th>Architecture</th>
<th>Building</th>
<th>Real Estate</th>
<th>Industrial Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architect</td>
<td>Project Manager Lead the project team of architects, engineers, contractors, lenders, etc</td>
<td>Real Estate Development Consultant</td>
<td>Industrial &amp; Product Designer</td>
</tr>
<tr>
<td>Urban Planner</td>
<td>Faculties Manager Manage large facilities such as integrated resorts, hospitals, universities, science parks, airports, etc</td>
<td>Real Estate Finance Analyst</td>
<td>Graphic Design &amp; Advertising</td>
</tr>
<tr>
<td>Interior Designer</td>
<td>Facilities Manager Manage large facilities such as integrated resorts, hospitals, universities, science parks, airports, etc</td>
<td>Valuer</td>
<td>Exhibition Design &amp; Installation</td>
</tr>
<tr>
<td>Industrial Designer</td>
<td>Facilities Manager Manage large facilities such as integrated resorts, hospitals, universities, science parks, airports, etc</td>
<td>Urban Planner/Economist/Manager</td>
<td>Brand &amp; Packaging Designers</td>
</tr>
<tr>
<td>Graphic Designer</td>
<td>Facilities Manager Manage large facilities such as integrated resorts, hospitals, universities, science parks, airports, etc</td>
<td>Real Estate Marketing Manager</td>
<td>Product Manager</td>
</tr>
<tr>
<td>Landscape</td>
<td>Facilities Manager Manage large facilities such as integrated resorts, hospitals, universities, science parks, airports, etc</td>
<td>Real Estate Fund Manager</td>
<td>Innovation Consultant</td>
</tr>
<tr>
<td>Architect</td>
<td>Facilities Manager Manage large facilities such as integrated resorts, hospitals, universities, science parks, airports, etc</td>
<td>Real Estate Fund Manager</td>
<td></td>
</tr>
<tr>
<td>Creative Industries</td>
<td>Facilities Manager Manage large facilities such as integrated resorts, hospitals, universities, science parks, airports, etc</td>
<td>Real Estate Fund Manager</td>
<td></td>
</tr>
<tr>
<td>Architectural Journalism</td>
<td>Facilities Manager Manage large facilities such as integrated resorts, hospitals, universities, science parks, airports, etc</td>
<td>Real Estate Fund Manager</td>
<td></td>
</tr>
</tbody>
</table>

The Department of Real Estate

Contact details

Undergraduate course details are available at the School website: sde.nus.edu.sg

Architecture
akisec@nus.edu.sg

Industrial Design
didsec@nus.edu.sg

Project & Facilities Management
pfm@nus.edu.sg

Real Estate
rstsec@nus.edu.sg
“Engineering has been an integral part of my life as I search for ways to improve. The 4 years of engineering education have been an enriching experience. I have not only matured intellectually but also developed valuable life skills. I have certainly enjoyed the analytical processes in tackling situations. My time in Engineering Science Programme has allowed me to appreciate the essence of an engineering discipline - to deliver simple yet creative solutions.

The opportunities from the internships, networking sessions and participation in engineering/business competitions are beyond my expectations. I also participated in the NUS Overseas College for two semesters to sharpen my business acumen. NUS Engineering is still the choice discipline I am proud of.”

Tan Jian Hao

Tan Jian Hao
Year 4, Engineering Science Programme
The Faculty of Engineering is the largest faculty in the University with over 6,000 undergraduates and 2,900 graduate students. It has been consistently ranked among the top universities in Engineering and Technology by The Times Higher Education Supplement in the UK since 2004. Our mission is to nurture engineer leaders by providing an education that brings out the full potential and talents of students and equipping them with the knowledge and skills to deliver innovative solutions to complex multidisciplinary problems.

Many of the challenges faced by the world today such as climate change, clean energy and ageing-related health issues require creative engineering solutions that integrate knowledge from multiple disciplines.

International accreditation, world standing

The Faculty of Engineering provides a number of flexible and innovative alternative learning pathways. The newest of these are the Design-Centric Curriculum (DCC) and the Global Engineering Programme (GEP). The Design-Centric Curriculum places a strong emphasis on cross-disciplinary and problem based learning while the Global Engineering Programme provides an enhanced global learning experience, culminating in the opportunity to undertake graduate studies at a top overseas university in the fourth year of study.

Through our Faculty’s partnerships with industry and leading overseas institutions, our engineering students are ensured exposure to international best practices. As a testimony to the excellent standards of our undergraduate programmes, our degrees are accredited by the Engineering Accreditation Board (EAB) of Singapore, which is a signatory of the Washington Accord. This means that our engineering graduates are recognised as having met the academic requirements for engineering practice in the other countries that are also signatories, including Australia, Canada, Hong Kong, Japan, New Zealand, UK and USA.
Bioengineering is a fusion between engineering and the life sciences. The mission of the Bioengineering Division is to create and impart engineering knowledge in the basic and applied biosciences, and in healthcare applications. Our aim is to endow students with the fundamental knowledge, expertise and skills they will need to become leaders in their chosen field. Graduates in Bioengineering should be able to analyse a problem from both engineering and biological perspectives, anticipate the special difficulties in working with living systems and evaluate a wider range of possible approaches to solutions.

Design-Centric Curriculum (DCC) is a flexible and innovative alternative learning pathway for engineering students uniquely offered by the NUS Faculty of Engineering. It complements the many options available to NUS engineering students. DCC aims to produce engineering graduates with a global perspective yet who are sensitive to local cultural subtleties, and who have the ability to identify and solve complex challenges of societal importance.

A key feature of the DCC is the multi-year, multi-disciplinary projects which address complex and coupled problems within the three broad themes of Engineering in Medicine, Future Transportation Systems and Smart and Sustainable Cities. DCC students will spend 3 years (in the specialist pathway) or 3.5 years (in the general pathway) working together on these projects in teams comprising students from different engineering disciplines. They will be guided by teams of mentors with diverse background.

The other features of the DCC include generic DCC modules, specially-tailored enrichment programmes, and a learning environment that encourages creativity, team learning and collaboration/cooperation across disciplinary boundaries. DCC students will also take a number of modules which will be taught the DCC way, i.e. they will learn the contents of these modules in the context of their DCC projects.

Currently, DCC students could opt for one of the two pathways available: the general pathway and the specialist pathway. In the general pathway, students begin with the identification and formulation of problems through the full cycle of empathy, definition, ideation, prototyping, and testing (the Design Thinking Cycle), leading to a clear roadmap for their respective projects. Employing engineering principles they have learned, DCC students work on these problems starting at the component level and moving with increasing complexity till an integrated engineering solution is obtained. In the specialist pathway, students work on problems within certain topical engineering grand challenges. They will still go through the Design Thinking Cycle but will ideate within the predefined challenges to offer engineering solutions.

The Global Engineering Programme

Started in August 2009, the Global Engineering Programme (GEP) is an exclusive programme designed for students with exceptionally high potential. It provides an enhanced and flexible education with close mentoring that incorporates a global learning experience.

The programme will lead to the award of two degrees – a Bachelor of Engineering (B.Eng.) at NUS within three years (fulfilling all the MCs required as for normal stream students) and for those who qualify for admission to a top university, a postgraduate degree in Engineering in their fourth year. Scholarships will be provided for a student’s undergraduate studies.

Students will enjoy small group learning with close supervision and mentoring by a select pool of Faculty staff. GEP students will ride on an accelerated track, with opportunities to gain advanced placement credits, resulting in exemptions from specific modules, as well as to take self-study modules. In addition, students can pursue a summer programme and are expected to spend at least one semester overseas on a student exchange programme (SEP). Specially-tailored Undergraduate Research Opportunity Programme (UROP) projects at NUS or a GEP partner university will provide early research exposure.
BACHELOR OF ENGINEERING (COMPUTER ENGINEERING)
www.ceg.nus.edu.sg

Computer Engineering (CEG) is a joint programme offered by the Department of Electrical and Computer Engineering at the Faculty of Engineering and the Department of Computer Science at the School of Computing. This programme exploits new synergies and strengths of the two departments within NUS. The aim is to produce graduates with a good foundation to work in the critical layer of technology that interfaces hardware with software. In particular, graduates will be able to attain significant knowledge and abilities in key technologies for real-time embedded systems, computer networking & wireless communication systems, medical imaging & information systems, intelligent control systems, and many others. In the workplace, computer engineers span a wide range of skills such as the development of portable multimedia devices and handphones, creating novel security/cryptographic systems for protecting images, music, games development, design of human machine interface and many other computer related hardware/software products. CEG students have the opportunity to pursue research in embedded systems, computer and communications networks, electronic gaming, algorithm development, artificial intelligence, biomedical computing and others.

BACHELOR OF ENGINEERING (CIVIL ENGINEERING)
www.eng.nus.edu.sg/cee

Civil engineers are creators of wealth as their projects stimulate growth for other sectors of the economy. With increased expectations for a higher quality of life, civil engineers are needed to plan and design increasingly complex projects. They also improve infrastructure for sustainable development such as structures that can withstand natural and man-made disasters. Civil engineers can also specialise in offshore and marine engineering. Currently, unprecedented growth is being experienced in the design and fabrication of offshore rigs, semi-submersibles and structures with facilities and equipment for the oil and gas industry.

The Department of Civil & Environmental Engineering plays a critical role in transforming students with a good background in physics and mathematics to graduates with a strong competence in structural engineering, hydrodynamics, geotechnical and transportation engineering. We train engineer-leaders with strong fundamentals in civil and environmental engineering complemented with a knowledge in management, economics and law.

BACHELOR OF ENGINEERING (CIVIL ENGINEERING)
www.ceg.nus.edu.sg

Computer Engineering (CEG) is a joint programme offered by the Department of Electrical and Computer Engineering at the Faculty of Engineering and the Department of Computer Science at the School of Computing. This programme exploits new synergies and strengths of the two departments within NUS. The aim is to produce graduates with a good foundation to work in the critical layer of technology that interfaces hardware with software. In particular, graduates will be able to attain significant knowledge and abilities in key technologies for real-time embedded systems, computer networking & wireless communication systems, medical imaging & information systems, intelligent control systems, and many others. In the workplace, computer engineers span a wide range of skills such as the development of portable multimedia devices and handphones, creating novel security/cryptographic systems for protecting images, music, games development, design of human machine interface and many other computer related hardware/software products. CEG students have the opportunity to pursue research in embedded systems, computer and communications networks, electronic gaming, algorithm development, artificial intelligence, biomedical computing and others.

BACHELOR OF ENGINEERING (ELECTRICAL ENGINEERING)
www.ece.nus.edu.sg

In a rapidly evolving technological world, electrical engineering (EE) plays an important role in the creation of new ideas, products and solutions. At the Electrical & Computer Engineering (ECE) Department, we provide a nurturing environment which prepares students for a career in industry, business or research. EE graduates will have strong foundations in the fundamental concepts and analytical tools of contemporary electrical engineering including electronics circuit design, signal processing, signals, systems and control, microprocessor systems and physics of semiconductor devices.

With their solid foundation, they are amongst the most versatile graduates who will be able to take on diverse careers. Students who are keen in research will have opportunities to work in areas as diverse as nanotechnology, biomedical engineering, interactive digital media, games, intelligent systems, energy systems, renewal energies, robotics, communications and integrated circuit design.
BACHELOR OF ENGINEERING (ENVIRONMENTAL ENGINEERING)
www.eng.nus.edu.sg/cee

Environmental Engineering is an exciting and rewarding field. The programme encourages a multidisciplinary approach to solving complex environmental problems, and equips students with a sound scientific knowledge combined with advanced engineering capabilities for their understanding of global environmental issues.

The Department of Civil & Environmental Engineering promotes unique research and educational opportunities in all aspects of air, land, and water systems including water quality and treatment, wastewater reclamation and reuse, air pollution assessment and treatment, aerosol science and technology, management of terrestrial and coastal resources, separation science and technologies, human and environmental health, industrial ecology, climate change, renewable energy, and the broader environmental sciences. Students will have opportunities to develop pilot and full-scale test facilities and are encouraged to work with postgraduate students and faculty members to gain “hands-on experience” in the research and development of new technologies.

BACHELOR OF ENGINEERING (INDUSTRIAL & SYSTEMS ENGINEERING)
www.isc.nus.edu.sg

Industrial & Systems Engineering (ISE) emphasises efficiency and productivity improvement and is derived from a combination of engineering, mathematics, economics, statistics and the social sciences. It provides decision makers with the ability to identify, analyse and design complex production systems to resolve real world problems in the manufacturing, logistics, defence and service industries. For example, IC fabrication plants, airlines, banks, telecommunication, military operations and management consultancies require ISE engineers.

As Singapore transforms into a knowledge-based economy and upgrades its industries, there will be greater demand for ISE engineers to improve efficiency and productivity.

With a strong foundation in quantitative fundamentals and a broad exposure to applications in various industries ranging from manufacturing to services, ISE graduates will be well equipped to facilitate decision making and improve efficiency and productivity in these industries. The versatility of ISE graduates make them well demanded in the global economy of today.

BACHELOR OF ENGINEERING (ENGINEERING SCIENCE)
www.esp.nus.edu.sg

In an increasingly competitive global economy, engineers equipped with integrated science and engineering skills for multidisciplinary R&D positions are critical in the next phase of Singapore’s growth. Engineering Science, a fusion of basic sciences, mathematics and engineering, is designed to produce engineer-scientists who are better prepared to solve multidisciplinary problems, develop innovative designs and integrate systems at the interfaces of engineering and science. In the first two years of study, students build a strong foundation in engineering and science by taking a set of core modules. Design projects are also injected into the curriculum to provide integrative learning and hands-on experience in the application of the fundamentals learnt. In the final two years, students can pursue their interests in Nanoscience and Nanotechnology, Computational Engineering Science, Photonics & Optics or Energy Systems. Engineering Science graduates will have a strong scientific background for leadership roles in R&D, government and civilian jobs.

Winner of 2011 Formula-Society of Automotive Engineers Chief Design Judge Award (1st in Engineering Design Drawing) at the FSAE Intervarsity Competition in Michigan International Speedway, USA in May 2011.
BACHELOR OF ENGINEERING (MATERIALS SCIENCE & ENGINEERING)
www.mse.nus.edu.sg

Materials Science and Engineering is a dynamic, interdisciplinary study that combines the fundamental sciences (Chemistry, Physics and Life Sciences) with applied engineering (Electronics, Mechanical, Chemical and Bioengineering). It strives for a basic understanding of how the science of material structures and processes at the atomic scale results in the properties and functions familiar at the engineering level. One aspect involves studying and designing materials to make them useful and reliable.

The department focuses on emerging new frontiers such as nano-structured materials and biomedical materials in sustainable energy, info-com technology and biotechnology. These areas offer exciting opportunities in the research of high-tech materials, which are of economic importance to Singapore. Students will get hands-on experience using state-of-the-art equipment and facilities in the laboratories. This will ensure MSE graduates are well-equipped with sufficient practical knowledge and experience. The department also offers two certified specialisations of Polymeric and Biomedical Materials and Nanostructured Materials/Nanotechnology.

BACHELOR OF ENGINEERING (MECHANICAL ENGINEERING)
www.me.nus.edu.sg

Mechanical engineers are involved in the research, development and design of a diverse range of products. Hence, the programme aims to equip students with key engineering knowledge and skills which are fundamental to their onward progression to more complex and specialised applications.

Students can then choose from one of the following specialisations:
- Aeronautical Engineering
- Automotive Engineering
- Biomechanical Engineering
- Energy & Thermal Process Engineering
- Materials Engineering in Design
- Mechatronics
- Micro-Systems Technology
- Offshore Oil & Gas Technology
- Precision Engineering
- Product Design

Practical design is also an integral part of the programme. Industry tie-ups enable students to work on design projects sponsored by companies, giving students an insight into design cycles in commercial enterprises. The prospects for mechanical engineers also remain bright as high-technology industries will continue to be a key engine of growth for the country.

BACHELOR OF TECHNOLOGY (PART-TIME)
https://btech.eng.nus.edu.sg

The Programme is specially designed for polytechnic graduates, or those with equivalent qualifications, working in the local industry. It provides an affordable route for studying towards a high-quality engineering degree while gaining valuable working experience and earning an income.

All classes are conducted in the evenings on weekdays and Saturday afternoons. Degrees are fully accredited by the relevant engineering bodies, by the Engineering Council of the UK to the M.Eng level and by the Engineering Accreditation Board of Singapore.

Courses leading to the B.Tech degrees in Chemical, Electronics, Industrial & Management, Manufacturing and Mechanical Engineering are offered. The modular curriculum structure allows students the greatest flexibility to plan their study and achieve a good work, family and study balance.

Students can choose to complete their degree in a minimum of 3.5 years or up to a maximum of 8 years.

Eligible Singaporeans and Singapore Permanent Residents enjoy subsidies of 55% and 20% of the tuition fees, respectively.

The students from the Dept of Civil and Environmental Engineering swept all the three major awards in the APEC-IDEERS EARTHQUAKE CHALLENGE 2011, Taiwan
<table>
<thead>
<tr>
<th>Course</th>
<th>Majors</th>
<th>Subject Prerequisites</th>
<th>H2 Curriculum</th>
<th>IB Diploma</th>
<th>NUS High School Diploma</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Engineering in Chemical Engineering (Honours)</td>
<td>Thermodynamics, transport phenomena, reactor systems, separation processes, process design, safety and control</td>
<td>H2 Mathematics, and H2 Chemistry, and H2 Physics¹</td>
<td></td>
<td></td>
<td>Major CAP of 2.0 in Mathematics, and Chemistry, and Physics²</td>
</tr>
<tr>
<td>Bachelor of Engineering in Environmental Engineering (Honours)</td>
<td>Air and water pollution abatement, industrial safety and health, solid waste management and environmental management</td>
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<tr>
<td>Bachelor of Engineering in Bioengineering¹ (Honours)</td>
<td>Bioimaging and biosignal processing, biomechanics and computational modelling, nanobioengineering &amp; nanobiotechnology, and biomaterials/ tissue engineering &amp; repair</td>
<td>H2 Mathematics, and H2 Physics¹ or H2 Chemistry</td>
<td></td>
<td></td>
<td>Major CAP of 2.0 in Mathematics, and Physics² or Chemistry</td>
</tr>
<tr>
<td>Bachelor of Engineering in Civil Engineering (Honours)</td>
<td>Civil engineering materials, construction management, environmental engineering, geotechnical engineering, hydraulic engineering, infrastructure systems, structural engineering and transport engineering</td>
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</tr>
<tr>
<td>Bachelor of Engineering in Computer Engineering (Honours)</td>
<td>Software engineering, embedded computing, computer communications networks, digital and wireless communications, intelligent control and systems, advanced digital design, multimedia signal processing, interactive digital media</td>
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</tr>
<tr>
<td>Bachelor of Engineering in Electrical Engineering (Honours)</td>
<td>Advanced control, advanced electronics, biomedical engineering, cellular mobile communications, magnetic recording systems, multimedia communications, microwave and RF systems, mechatronics and automation, multimedia signal processing, optoelectronics, power electronics and drives, energy systems and VLSI design and manufacturing</td>
<td>Operations research, systems design and optimisation, integration of complex systems, supply chain modelling, quality engineering and management, human factors engineering</td>
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</tr>
<tr>
<td>Bachelor of Engineering in Industrial and Systems Engineering (Honours)</td>
<td>Process engineering and quality control, R&amp;D in various industries, materials related research in Research Institutes, nanotechnology and nano-materials, materials in batteries and fuel-cells, special metals and composites in aerospace industries</td>
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</tr>
<tr>
<td>Bachelor of Engineering in Mechanical Engineering (Honours)</td>
<td>Aeronautical engineering, automotive engineering, biomechanical engineering, energy &amp; thermal process engineering, materials engineering for design, mechatronics, micro-systems technology, offshore oil &amp; gas technology, precision engineering, product design</td>
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<tr>
<td>Course</td>
<td>Majors</td>
<td>Subject Prerequisites</td>
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<tr>
<td></td>
<td></td>
<td><strong>H2 Curriculum</strong></td>
<td><strong>IB Diploma</strong></td>
<td><strong>NUS High School Diploma</strong></td>
<td></td>
</tr>
<tr>
<td>Bachelor of Engineering in Engineering Science (Honours)</td>
<td>Nanoscience and nanotechnology, computational engineering science, photonics and optics, energy systems</td>
<td>Good grades in H2 Mathematics, and H2 Physics</td>
<td>Good grades in HL Mathematics, and HL Physics</td>
<td>Major CAP of 2.0 in Mathematics, and Physics</td>
<td></td>
</tr>
<tr>
<td>Double Degree Programmes(^4)</td>
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<tr>
<td>Bachelor of Engineering (Honours)/Bachelor of Social Science (Honours) in Economics</td>
<td>Two routes of admission: direct admission by students with ‘A’ Level entry requirement for both courses, or application by students in B.Eng. or BBA/ Economics Programme at end of their first year of study</td>
<td>Two routes of admission: direct admission by students with IB entry requirements for both courses, or application by students in B.Eng. or BBA/ Economics Programme at end of their first year of study</td>
<td>Two routes of admission: direct admission by students with entry requirements for both courses, or application by students in B.Eng. or BBA/Economics Programme at end of their first year of study</td>
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<tr>
<td>Bachelor of Engineering (Honours)/Bachelor of Social Science (Honours) in Economics</td>
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<tr>
<td>Bachelor of Engineering (Honours)/Bachelor of Business Administration (Honours)</td>
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</tr>
<tr>
<td>Bachelor of Engineering (Honours)/Bachelor of Business Administration (Accountancy) (Honours)/non-Honours</td>
<td>Students may apply for pre-admission in Semester One of Year One in their respective faculties; Admission into the programme after satisfactory performance in their first year</td>
<td>Students may apply for pre-admission in Semester One of Year One in their respective faculties; Admission into the programme after satisfactory performance in their first year</td>
<td>Students may apply for pre-admission in Semester One of Year One in their respective faculties; Admission into the programme after satisfactory performance in their first year</td>
<td></td>
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</tr>
<tr>
<td>Bachelor of Engineering in Materials Science and Engineering (Honours)/Bachelor of Science in Physics (Honours)/non-Honours</td>
<td></td>
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</tbody>
</table>

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1. Students without H1 or H2 Physics need to have an ‘O’ level pass in Physics or its equivalent and would be required to take Physics bridging modules.

2. Students without HL Physics or a Physics major would be required to take Physics bridging modules.

3. Students without a H2 pass in Chemistry or a Chemistry major or its equivalent must read the Chemistry bridging module (CM1417) in the first year.

4. These Double Degree Programmes are open to engineering students from these fields: Bioengineering, Chemical, Civil, Computer, Electrical, Environmental, Industrial & Systems, Materials Science; and Mechanical.

For a single-degree course, the course duration is typically 4 years. For a double-degree course, it takes at least 4.5 years.
Course Accreditations and Career Prospects

Why Engineering@NUS Is The Choice:

- A global university ranked among the world’s best in the field of Engineering & Technology.
- A global engineering school where students are nurtured by some of the best engineering minds in the world.
- Academic diversity and flexible broad-based education, which enables students to pursue their educational objectives such as being equipped for cutting-edge multidisciplinary research or becoming more business savvy through a second degree in Business.
- Highly accredited and well recognised engineering degree programmes with a design-centric approach.
- Learning environment with a global outlook and opportunities to develop managerial, entrepreneurial and leadership qualities.
- Cutting-edge R&D and state-of-the-art laboratories.

<table>
<thead>
<tr>
<th>DISCIPLINES</th>
<th>INDUSTRIES (CAREER OPPORTUNITIES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioengineering</td>
<td>Biomedical devices, hospitals and medical centers, biomedical science/life sciences and biotechnology companies, research institutes and statutory boards</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>Chemical, oil &amp; gas, petroleum, petrochemical, plastics/polymers, food, pharmaceutical/biomedical science, electronics/semiconductors, engineering consultancy, research institutes and government/statutory boards</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>Engineering consulting firms, R&amp;D institutions, construction and offshore engineering, environmental engineering and transport industries</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>Digital and wireless communications, embedded computing, intelligent systems, Internet, multimedia, creative arts and software companies</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>Digital and wireless communications, computers and peripherals, control and automation, electronics, Internet, energy systems management, semiconductor, wafer fabrication and manufacturing, avionics, engineering consultancy, transportation management, etc.</td>
</tr>
<tr>
<td>Engineering Science</td>
<td>Academic, government organisations and private companies in:</td>
</tr>
<tr>
<td></td>
<td>• Semiconductor &amp; microelectronics</td>
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<tr>
<td></td>
<td>• Data storage &amp; media</td>
</tr>
<tr>
<td></td>
<td>• Scientific instrumentation</td>
</tr>
<tr>
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<td>• Chemicals &amp; pharmaceuticals</td>
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<td></td>
<td>• Computational, design and consultancy</td>
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<td>• Renewable energy</td>
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<tr>
<td></td>
<td>• Analytical microscopy</td>
</tr>
<tr>
<td></td>
<td>• Biomedical imaging</td>
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<tr>
<td></td>
<td>• Start-up nanotechnology, clean energy &amp; other hi-tech companies</td>
</tr>
<tr>
<td>DISCIPLINES</td>
<td>INDUSTRIES (CAREER OPPORTUNITIES)</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>--------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Environmental Engineering</td>
<td>Petroleum, petrochemical and chemical process industries, safety, health, environmental consulting industries, research and utilities</td>
</tr>
<tr>
<td>Industrial &amp; Systems Engineering</td>
<td>Manufacturing, logistics and supply chains, airlines, banking /management consultancy, telecommunication and utilities, defence, leisure</td>
</tr>
<tr>
<td>Materials Science &amp; Engineering</td>
<td>Semiconductor, information storage, pharmaceutical and chemical industries, aerospace and defence industries, metals, ceramics, polymers, composites and special materials</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>Aerospace, automotive, biomedical, control and automation, engineering consultancy, manufacturing, materials processing, mechanical engineering services, oil and gas, power generation, semiconductor, thermal environment</td>
</tr>
</tbody>
</table>

**Contact details**

**TO APPLY FOR UNDERGRADUATE ADMISSION**
To submit an application form, please visit [www.nus.edu.sg/admissions/undergrad](http://www.nus.edu.sg/admissions/undergrad)
For more details on our undergraduate programmes, please visit [www.eng.nus.edu.sg/ero/](http://www.eng.nus.edu.sg/ero/)

**TO APPLY FOR BACHELOR OF TECHNOLOGY (B.TECH) PROGRAMME**
There are two intakes per Academic Year with Intake I commencing in August and Intake II commencing in January. Applications can be made online at [https://btech.eng.nus.edu.sg](https://btech.eng.nus.edu.sg)
“Seeking an experience that is nothing short of rigorous yet enriching, NUS Law faculty was my obvious choice and I never looked back since. Beyond sheer intellectual pursuits, it dawned upon me that my endeavours to appreciate the law must come with reason, passion and conviction. As once said by Arthur Ashe, “From what we get, we can make a living; what we give, however, makes a life”. The opportunities to engage in pro bono activities and legal clinics have indeed broadened my perspectives about serving the wider community, where its significance made more meaningful for a profession like law. Having also represented NUS Law faculty at the 2011 International Negotiation Competition, the coveted memories of negotiating global food security policies, and more importantly, the great friendships and team camaraderie forged are perhaps one of my most cherished law school experiences.”

Lim Wei Sen Lance

Year 4
The Faculty of Law was established in 1956. Over the past 55 years, the Faculty has made a name for itself as a law school of distinction, attracting the best students from Singapore and around the region. Our distinguished alumni include Tommy Koh ’61 (Singapore Ambassador-At-Large at the Ministry of Foreign Affairs), Chan Sek Keong ’61 (Chief Justice of the Supreme Court, Singapore), S. Jayakumar ’63 (Singapore Senior Minister), K. Shanmugam, SC ’84 (Singapore Minister for Foreign Affairs and Minister for Law), many eminent judges, Members of Parliament, diplomats, professors and law practitioners.

Today, the Faculty of Law is widely regarded as Asia’s leading law school and one of the most globally-oriented law schools. The NUS Bachelor of Laws (Honours) degree entitles its holders to be admitted as lawyers to a variety of jurisdictions including Singapore, Malaysia, the United Kingdom, Australia and the United States of America (e.g. New York and California). NUS law graduates today can be found practising in top law firms in major cities around the world and making an impact in government agencies, international organisations, multi-national corporations, academia, non-governmental organisations (NGOs) and arts and media groups.
BACHELOR OF LAWS (HONOURS)

The Bachelor of Laws (LL.B.) Degree is not only an undergraduate honours degree, but also a professional degree that is recognised for admission to practice in Singapore. The programme is open to both Singaporeans and international students.

The majority of the LL.B. undergraduates enter the law faculty after completing their pre-university studies and read a four year LL.B. Degree. Other students may enter the faculty after completing a first degree at a university in another discipline. These students with a first degree in another discipline can complete their LL.B. Degree in three years, under a special programme known as the Graduate LL.B. (GLB) Programme.

Three-year Graduate LL.B. Programme
http://www.law.nus.edu.sg/admissions/3_yrs_grad_prog.html

Four-year LL.B. Programme
http://www.law.nus.edu.sg/admissions/4_yrs_llb_prog.html

DOUBLE HONOURS DEGREE PROGRAMMES

Our Double Honours Degree Programmes offer our students a quality education, leveraging on interdisciplinary opportunities in a university ranked amongst the world’s best.

DOUBLE HONOURS DEGREE PROGRAMME WITH NUS BUSINESS SCHOOL

Business Administration and Law

Students who successfully complete this five-year programme will be awarded both Bachelor of Business Administration (Honours) and Bachelor of Laws (Honours) degrees.

http://www.nus.edu.sg/prog/bbalaw/overview.html

DOUBLE HONOURS DEGREE PROGRAMME WITH FACULTY OF ARTS AND SOCIAL SCIENCES

Economics and Law

Students who successfully complete this five-year programme will be awarded both Bachelor of Social Sciences (Honours) and Bachelor of Laws (Honours) degrees.

http://www.nus.edu.sg/prog/econlaw/overview.htm

DOUBLE HONOURS DEGREE PROGRAMME WITH SCIENCES

Law And Life Science

Students in this programme will be able to choose between a single honours degree (with the honours in Law), which will allow them to complete both degrees in four and a half years, or a double honours degree (with honours in Law and Life Sciences) which can be completed in five years.

http://www.nus.edu.sg/prog/lawlifesciences/overview.htm
CONCURRENT DEGREE PROGRAMMES

PROGRAMMES WITH NEW YORK UNIVERSITY (NYU) SCHOOL OF LAW

Available to NUS Faculty of Law undergraduates, prospective students may apply to NYU at the end of their first or second year of study at NUS Faculty of Law. Admission into NUS is not a guarantee of admission into NYU.

CONCURRENT DEGREE PROGRAMME (LL.B./LL.M.)

Bachelor of Laws (Honours)/Master of Laws

This programme allows students on the four-year LL.B. programme to obtain both a Bachelor of Laws (Honours) degree from NUS and a Master of Laws degree from NYU in four years of full-time study. Students will complete three years of law studies at NUS before spending their final year at NYU in New York City. Students on the three-year Graduate LL.B. (GLB) programme can also seek admission and commence the LLM in their second semester of their third year of studies to receive both degrees. They will complete two and a half years at NUS and one year at NYU to fulfil the programme requirements.


DOUBLE DEGREE PROGRAMME (LL.B./J.D.)

Bachelor of Laws (Honours)/Juris Doctor

This programme consists of five years of full-time study for NUS undergraduate students and four years of full-time study for NYU undergraduate students and NUS Graduate LL.B. (GLB) students. Students who successfully complete the course will obtain both a Bachelor of Laws (Honours) degree from NUS and a Juris Doctor degree from NYU.


PROGRAMME WITH BOSTON UNIVERSITY (BU) SCHOOL OF LAW

Available to NUS Faculty of Law undergraduates, prospective students may apply for selection to the BU LL.M. in semester one of their second year of study at NUS Faculty of Law.

http://www.bu.edu/law/prospective/jd/abroad/foreignexchange.html

CONCURRENT DEGREE PROGRAMME (LL.B./LL.M.)

This programme allows students on the four-year LL.B. programme to obtain both a Bachelor of Laws (Honours) degree from NUS and a Master of Laws degree from Boston University in four years of full-time study. Students will complete three years of law studies at NUS before spending their final year at Boston University, to read an LL.M. in American Law for one year, on a fee waiver basis. Upon successful completion of the LL.M. at Boston, NUS law students will graduate with an LL.B. (Hons) from NUS and an LL.M. in American Law from Boston.

CONCURRENT DEGREE PROGRAMME WITH LEE KUAN YEW SCHOOL OF PUBLIC POLICY

Law and Public Policy

Students in this programme will have the opportunity to complete both degrees in four and a half to five years and will obtain a Bachelor of Laws (Honours) degree and a Master in Public Policy degree upon successful completion of the course.

For the Concurrent Degree Programme in Law and Public Policy, applicants must meet the admissions criteria of both the Lee Kuan Yew School of Public Policy and the Faculty of Law.

Students beginning their studies at the Faculty of Law can apply for the programme at the end of their second year of study at NUS.

Applicants shortlisted for any of the above programmes must sit for a written test and undergo an interview in April. The interview and test aim to assess the level of competency in the English language and reasoning ability, as well as the suitability of candidates for the LL.B. programme.
Applicants shortlisted for any of the above programmes must sit for a written test and undergo an interview in April. The interview and test aim to assess the level of competency in the English language and reasoning ability, as well as the suitability of candidates for the LL.B. programme. Please refer to www.nus.edu.sg/oam/apply/local/interviews/BYA-interviews.html#top for the finalised interview and test dates.


<table>
<thead>
<tr>
<th>Degree Course</th>
<th>Course Duration</th>
<th>Selection Test/Interview</th>
<th>Subject Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Laws (LL.B.) Degree</td>
<td>4 years</td>
<td>Yes</td>
<td>H2 Curriculum: Good ‘A’ level results, including a grade of B or better in H1 General Paper (GP), or a good pass in H2 Knowledge &amp; Inquiry (KI), or a minimum SAT Reasoning Test Critical Reading score of 700 accompanied by a minimum E grade for GP/KI.</td>
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<td>IB Diploma: Good IB results including Grade 5 or better in SL English or Minimum SAT Reasoning Test Critical Reading score of 700 accompanied by a minimum grade 4 for SL English.</td>
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<td></td>
<td>NUS High School Diploma: A minimum grade B+ for ELS102 or SAT Reasoning Test Critical Reading score of at least 700 with minimum C for ELS102 (2008 &amp; 2009 cohorts) or Minimum B+ for EL S101 &amp; EL 6103 or SAT Reasoning Test Critical Reading score of at least 700 with minimum C for ELS101 &amp; EL6103 (2010 cohort onwards).</td>
</tr>
<tr>
<td>Concurrent Degree Programme</td>
<td></td>
<td></td>
<td>Applicants must meet the admission requirements of both Faculty of Law and NUS Business School, Faculty of Arts and both Social Sciences or Faculty of Science.</td>
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<td>Please refer to the admission requirements listed under the NUS Business School, Faculty of Arts and Social Sciences and Faculty of Science sections in this prospectus.</td>
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<td></td>
<td>Students beginning their studies at either of the two schools can also apply for the programme in semester two of their study at NUS.</td>
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</tbody>
</table>
Course Accreditations and Career Prospects

Students have a wealth of opportunities at the Faculty of Law. In addition to double and concurrent degree programmes offered in collaboration with other faculties and schools at NUS, the Faculty also offers various degree programmes with the New York University (NYU) School of Law and Boston University (BU). One example is a concurrent degree programme where students will be able to obtain both an undergraduate Bachelor of Laws (Honours) degree from NUS and a Master of Laws degree from NYU or BU in just four years. The Faculty of Law’s curriculum and programmes are regularly reviewed to prepare students for the globalisation of legal services.

Law students share a rigorous academic environment with an outstanding permanent faculty with qualifications from Singapore and more than a dozen other jurisdictions. Our faculty, who are experts in their respective fields, closely guide and mentor our students. Apart from the privilege of studying with the best resident and visiting professors, law students can apply for a Student Exchange Programme (SEP) at one of more than 50 partner law schools around the world. Please visit www.law.nus.edu.sg/student_matters/student_ex.html for a list of our partner law schools and universities.

Our alumni occupy the ranks of government, the legal community, business, the arts and media communities, as well as almost every other niche of professional life. They hold positions as advocates and solicitors; as legal officers in government, as judges and magistrates, in the private sector as executives in various fields of commerce and industry; and as academics in tertiary institutions.
“Studying in the school of Medicine has developed me in so many ways. One of the most important lessons I have learnt is that Medicine teaches humanity. Engaging in overseas medical missions, local health screening programmes, and various volunteerism opportunities helps put learning into perspective and reminds me of my duty to and purpose in the community. With patients being our best teachers, I have learnt that no gesture is too simple to express compassion. Your heart for them does not matter any less than your knowledge, skills, and medications at your disposal. Despite the hard work demanded of us, I feel that touching a life makes it worthwhile. Medicine is not just a course, a career, or a calling. I am grateful for the privilege it gives me to care and comfort, to love and to serve.”

Kan Yin Li, Juliana
The Yong Loo Lin School of Medicine (YLLSoM) was established in 1905 as the Straits and Federated Malay States Government Medical School. It was the first institution of higher learning in Singapore and the genesis of what would become the National University of Singapore.

In 2005, its centenary year, the NUS Faculty of Medicine received a transformational gift of $100 million from the Yong Loo Lin Trust and was renamed the Yong Loo Lin School of Medicine to honour the Yong family’s vision and commitment. Today, the School of Medicine offers one of the finest undergraduate medical programmes in the Asia Pacific region and commands international recognition and respect. The School of Medicine has 16 departments: Anaesthesia, Anatomy, Biochemistry, Diagnostic Radiology, Medicine, Microbiology, Obstetrics and Gynaecology, Ophthalmology, Orthopaedic Surgery, Otolaryngology, Paediatrics, Pathology, Pharmacology, Physiology, Psychological Medicine and Surgery.

The School of Medicine is also home to the Alice Lee Centre for Nursing Studies (ALCNS) and the Centre for Biomedical Ethics (CBmE).

ALCNS was founded in 2005, it offers Singapore’s first bachelor’s degree in nursing - a historical milestone in the history of nursing in Singapore.

The CBmE is South East Asia’s first academic centre for biomedical ethics in a medical school that plans and implements an integrated teaching programme in medical ethics for undergraduates.

In 2011, the School of Medicine opened the Centre for Translational Medicine which houses the latest in designs and learning technologies to support highly interactive pedagogies the medical school employs. Educational facilities include a new medical library, active learning seminar rooms, and the largest healthcare simulation centre in Singapore.
The outcome-focused curriculum establishes a firm foundation in the basic medical sciences while providing students with high quality clinical experiences. Throughout the course, the curriculum emphasises the clinical relevance the basic sciences. Beginning in the first year of medical study, students meet and interact with patients and begin the lifelong process of honing their professional behaviour, communication skills, and understanding of ethics, law and information literacy.

The first year of the course emphasises normal structure and function of the human body, underscoring the clinical relevance of what is taught. Progressively in the second year, the course focuses on abnormal structure and function including principles of pharmacotherapy, general pathology including cancer biology, and the body’s defences (immunology and infection). The primary focus from the third to the fifth year is high quality clinical experience in medical and surgical-related disciplines with underpinning medical sciences. Students also have the opportunity to take local and overseas electives during this period.

BACHELOR OF MEDICINE
MEDICINE AND BACHELOR
OF SURGERY (M.B.,B.S.)

The undergraduate medical programme is a five-year course leading to the degrees of Bachelor of Medicine and Bachelor of Surgery (M.B.,B.S.). The broad goal of the curriculum is to produce graduates who are excellent, compassionate and ethical doctors for Singapore’s current and future needs, with a solid foundation to become excellent clinicians, researchers, educators, or health administrators. The curriculum aims to train doctors who will continue to contribute to Singapore’s quality health care, meet the needs of the ageing population, and advance translational research.
Admission Criteria

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
<th>Subject Prerequisites for Students Presenting</th>
<th>‘A’ Level</th>
<th>IB Diploma</th>
<th>NUS High School Diploma</th>
<th>Polytechnic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Medicine and Bachelor of Surgery</td>
<td>5 years</td>
<td></td>
<td>H2 pass in Chemistry and H2 pass in either Biology or Physics</td>
<td>Pass in HL Chemistry and pass in either HL Biology or Physics</td>
<td>Major CAP of at least 2.0 in Chemistry and either Biology or Physics</td>
<td>An approved diploma from a polytechnic in Singapore</td>
</tr>
</tbody>
</table>

Note: The indicative grade profiles of the previous academic year are available at the Office of Admissions website at http://www.nus.edu.sg/oam/gradeprofile/sprogramme-igp.html

Outcome-focused curriculum

<table>
<thead>
<tr>
<th>Phase</th>
<th>Curriculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase I</td>
<td>Normal Structure and Function with clinical relevance</td>
</tr>
<tr>
<td>Phase II</td>
<td>Abnormal Structure and Function with clinical relevance</td>
</tr>
<tr>
<td>Phase III</td>
<td>Core Clinical Practice</td>
</tr>
<tr>
<td>Phase IV</td>
<td>Advanced Clinical Practice</td>
</tr>
<tr>
<td>Phase V</td>
<td>Student Internship Programme</td>
</tr>
</tbody>
</table>

Highlights of the undergraduate medical curriculum are

- Early meaningful clinical exposure
- Ambulatory and community care experiences
- Emphasis on developing caring and ethical medical professionals
- Significant curriculum time devoted to interactive small group teaching
- Use of cutting edge education technology tools such as the Human Patient Simulator and the Harvey Simulator
- Option for student electives in local and overseas institutes
- Student Internship Programme to provide students real-life practical opportunity for clinical care.

Broad-based curricular components in the M.B.,B.S. course include

- Core content, which includes fundamental science and clinical principles, providing a knowledge base essential for the undergraduate to become a proficient doctor
- Longitudinal tracks, which begin in Year 1 and continue throughout the greater part of the curriculum, integrated with the biomedical science components and clinical teaching. They include Health Ethics, Law and Professionalism; Medicine and Society; and Information Literacy, Critical Thinking, Evidence-Based Medicine, and Research Methodology.
- The Patient-Based Programme, which starts with guided patient exposure in a clinical environment in the first year, allows the further training of patient interaction and communication, physical examination and procedural skills in the second year under the Clinical Skills Foundational Programme. The clinical training is culminated in full-day clinical postings in the third through the final year. Such intensive bedside clinical instruction and experience help undergraduates to acquire clinical knowledge and skills in order to be effective house officers and proficient medical practitioners.
Admission to Medicine

Applicants must submit an online application indicating Medicine as their first or second choice through the NUS Office of Admissions at www.nus.edu.sg/oam. Shortlisted candidates will be notified by the Office of Admissions in March - April. All shortlisted candidates must submit a portfolio, write an essay and undergo two interviews in order to be considered for admission.

Health Requirements (subject to changes)

Hepatitis B (HBV)

In accordance with the Singapore's Ministry of Health requirements, admission to M.B.,B.S. degree programme is subject to the condition that the candidate must test negative for Hepatitis B surface antigen (HBsAg). All prospective medical students must undergo screening for Hepatitis B (HBV) in the year of enrolment (i.e. after 1 February 2012) even if they have been screened and immunised at the point of offer earlier. Candidates who are HBsAg positive (regardless of Hepatitis B e-antigen status) will not be admitted to the M.B.,B.S degree programme.

All immunisations must begin within one month from the date of screening. Candidates who fail or decline to undergo HBV screening, furnish evidence of HBV immunisation, and/or refuse to be immunised, if so required by the University, will be excluded from the M.B.,B.S degree programme.

The University reserves the right to require any or all of its new medical students to undergo further tests for any or all markers of the Hepatitis B virus (HBV) and exclude any candidates who test positive for HBV from the M.B.,B.S degree programme. Students interested in the M.B.,B.S degree programme are encouraged to ascertain their HBV status early.

Prospective medical students who test negative for HBsAg, but are not immune (anti-HBs negative or < 10 mIU/mL) are required to be immunised so as to protect themselves and to prevent HBV transmission at the healthcare workplace.

Chickenpox

Prospective students must undergo screening and furnish documentary evidence of immunity to, or immunisation against Chickenpox. This must be done in the year of enrolment (i.e. after 1 February 2012) regardless of previous screening or immunisation. Those who are tested negative will be required to be immunised within one month from the date of screening.

Rubella Virus

All candidates must undergo screening for immunity to the Rubella Virus. This must be done in the year of enrolment (i.e. after 1 February 2012) regardless of previous screening or immunisation. Those who are tested negative for Rubella immunity will be required to be immunised within one month from the date of screening.

Research Opportunities

With the introduction to research at the start of the Information Literacy track, students who are keen to further their research development may participate in the Undergraduate Research Opportunities Programme (UROP) or sign up as members of the newly launched Wong Hock Boon Society, an undergraduate research society for medical students. Students can participate in research in non-clinical and clinical departments, under the supervision of the School's staff during the fourth year Elective Posting and throughout the other years. Students who participate in UROP will have due credits endorsed in their final year academic transcripts. In addition, research projects of excellence may be submitted for consideration for research prizes awarded by the School.

Financial Assistance

NUS is committed to a needs-blind, merit-based admission policy that ensures no deserving student admitted to the University is denied an education because of financial difficulty. In addition to scholarships offered by the Office of Financial Aid, the Yong Loo Lin School of Medicine offers its own scholarships and bursaries to assist students with financial difficulties or concerns.

Bond

All graduates must serve the Government of Singapore upon successful completion of the M.B.,B.S degree programme. Singaporeans serve a five-year bond while non-Singaporeans serve a six-year bond after the one year housemanship/residency training.

Exceptional Individual Scheme (EIS)

The Exceptional Individual Scheme was developed as a way of exercising discretionary criteria in admitting a small number of students to the Yong Loo Lin School of Medicine. Applications submitted through this route will be evaluated by the Selection Committee on the basis of exceptional talent and achievement in addition to academic results. EIS candidates will be invited for interviews and the essay test like all other candidates.

Details on admissions, including the health requirements, financial assistance schemes, interviews, essay, portfolio and EIS are available at http://medicine.nus.edu.sg/corporate
The frequently asked questions (FAQs) are available at [http://medicine.nus.edu.sg/corporate/app-mbbsadmissionfaq.html](http://medicine.nus.edu.sg/corporate/app-mbbsadmissionfaq.html)

**Contact details**

Dean’s Office, NUS Yong Loo Lin School of Medicine  
1E Kent Ridge Road  
Level 11, NUHS Tower Block  
Singapore 119228

Ms Christina Mohan / Ms Zhong Meifang  
DID : +65 6772 6978 / 3779  
Fax : +65 6778 5743  
Email : medadmissions@nuhs.edu.sg  
Website : www.med.nus.edu.sg
“An education in nursing does not just equip me with the necessary skills to care for my future clients. It also hones positive qualities of empathy, compassion and professionalism, and instills in me the values I need as a critical thinker and learner. Privileged to be guided by a stellar teaching faculty and supported by like-minded colleagues, my education at the Alice Lee Centre for Nursing Studies has been fulfilling and unparalleled.”

Yang Yen Yen
The role of nurses in the 21st century is rapidly expanding as advances in technology and global population changes have an impact on healthcare delivery and patient care. A career in Nursing can provide exciting opportunities in clinical practice, education, management and research around the world.

The establishment of the Alice Lee Centre for Nursing Studies (ALCNS) in the Yong Loo Lin School of Medicine, National University of Singapore, was a major milestone in the history of nursing in Singapore. Providing Singapore’s first bachelor’s degree in Nursing, the Centre aims to lead the development of nursing education, nursing research and clinical innovation in Singapore.
BACHELOR OF SCIENCE (NURSING) DEGREE PROGRAMME

The NUS Bachelor of Science (BSc) (Nursing) is a 3-year degree that produces graduates for careers in professional nursing. The broad areas of study in BSc (Nursing) aim to prepare nurses for an important role in the delivery of health care services locally and internationally.

Students study principles from the disciplines of nursing, sciences, and social sciences. They also learn basic nursing skills in a simulated clinical laboratory on campus and practise the application of theory and clinical skills in a range of healthcare settings.

Students who have performed well throughout the programme and achieved a minimum cumulative average point of 3.5 can apply to proceed to the Honours year leading to BSc (Nursing) (Honours). Fourth year Honours students will gain valuable research and clinical practice skills.

More information on the BSc (Nursing) programme is available from the ALCNS website at http://medicine.nus.edu.sg/nursing

Admission and Progression

<table>
<thead>
<tr>
<th>Applications</th>
<th>Admission</th>
<th>Undergraduate (3 Years)</th>
<th>Bachelor of Science (Nursing)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Admission Interview</td>
<td>CAP of at least 3.5</td>
<td>Honours (1 Year)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bachelor of Science (Nursing) (Honours)</td>
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</table>

Admission Criteria

<table>
<thead>
<tr>
<th>Course</th>
<th>Subject Prerequisites for Students Offering</th>
</tr>
</thead>
<tbody>
<tr>
<td>H2 Curriculum</td>
<td>IB Diploma</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td>Polytechnic</td>
</tr>
<tr>
<td>Science (Nursing)</td>
<td>NUS High School Diploma</td>
</tr>
<tr>
<td>Any two H2 passes in the</td>
<td>Any two HL passes in the following subjects: Biology, Chemistry, Computing, Physics and Mathematics</td>
</tr>
<tr>
<td>following subjects: Biology, Chemistry, Computing, Physics and Mathematics</td>
<td>An acceptable diploma from a Polytechnic in Singapore</td>
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</tbody>
</table>

Health Requirements (subject to changes)

Please refer to the Health Requirements under the Yong Loo Lin School of Medicine (YLLSoM). Information is available on the YLLSoM website at http://www.med.nus.edu.sg/corporate
Course Accreditations and Career Prospects

On completion of the NUS BSc (Nursing)/BSc (Nursing) (Honours) programme, a graduate will be a

- Competent registered nurse who provides safe and informed care with compassion based on current knowledge, theory and research evidence.
- Critical thinker able to question, interpret, apply, analyse and evaluate knowledge to make independent decisions.
- Coordinator of primary, secondary and tertiary healthcare resources to meet patient’s needs.
- Effective communicator who collects, uses, and disseminates information to optimise care outcomes.
- Advocate for the promotion and maintenance of good health, and for the rights of patients in the healthcare system.
- Exemplary professional nurse role model committed to the learning of self and others.
- Leader and researcher in nursing and related healthcare fields.

Nursing offers a rewarding career choice for people who are looking for continuous challenges and diversity in their working lives. The nursing profession has a strong and reliable employment base where work opportunity is limited only by the individual's passion and imagination.

There is a shortage of nursing graduates in most countries around the world. A Nursing degree provides excellent career opportunities in clinical and community practice, management, education and research. The BSc (Nursing) is also the pathway to postgraduate nursing specialisations and research higher degrees; graduates can pursue postgraduate studies at the National University of Singapore or an overseas university. Upon completion of the programme, graduates can apply to register with the Singapore Nursing Board to practise as Registered Nurses. Once registered with the Singapore Nursing Board, graduates can specialise in clinical areas such as paediatrics, aged care, critical care, accident and emergency, mental health, gerontology and oncology nursing.

Career Opportunities

- Manager
- Entrepreneur
- Policymaker
- Advanced Practice Nurse
- Clinical Trial Coordinator
- Community Health
- Health Promotion
- Global Outreach Healthcare
- School Nurse
- Researcher

Career Tracks in Teaching & Research in Universities

<table>
<thead>
<tr>
<th>PhD</th>
<th>Professor</th>
<th>Associate Professor</th>
<th>Assistant Professor</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Master’s Degree</td>
<td>Senior Lecture</td>
<td>Lecture</td>
<td></td>
</tr>
</tbody>
</table>

Career Tracks in Hospitals

<table>
<thead>
<tr>
<th>Management</th>
<th>Clinical</th>
<th>Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Director</td>
<td>Advanced Practice Nurse</td>
<td>Principal Nurse Educator</td>
</tr>
<tr>
<td>Nurse Manager</td>
<td>Nurse Clinician</td>
<td>Nurse Educator</td>
</tr>
</tbody>
</table>

Contact details

Alice Lee Centre for Nursing Studies:
Yong Loo Lin School of Medicine
National University of Singapore

Level 2, Clinical Research Centre
Block MD11
10 Medical Drive
Singapore 117597

Bachelor of Science (BSc) (Nursing) programme:
Mrs Elaine Lee
Senior Associate Director

DID : +65 6516 3320
Fax : +65 6776 7135
Email : elaine_lee@nuhs.edu.sg
Website : www.medicine.nus.edu.sg/nursing
“Yong Siew Toh Conservatory of Music has given me a local education with a global perspective. With the support and opportunities provided by the conservatory, my musical education has went beyond classroom expectations through numerous local and overseas platforms in which musicians give back and learn from society. Undoubtedly, the conservatory has nurtured my character growth and musical sophistication into an unwavering confidence for my future.”

Kelly Loh

Kelly Loh
Fourth-Year Singaporean Flute Major
The Yong Siew Toh Conservatory of Music, offers a unique and adventurous 21st century Asian environment in which we train and educate performers, composers and recording engineers to take advantage of future professional and artistic opportunities anywhere in the world. Originally established in partnership with the Peabody Institute of the Johns Hopkins University, the Conservatory is distinctively international in terms of its faculty, student population and artistic outlook. The Conservatory’s mission is to be a focal point for musical activity, artistic development and research, both for Singapore and the Asia-Pacific region, contributing to Singapore’s global position.

Currently, 220 of the Asia-Pacific region’s most talented young musicians come to the Conservatory from twenty-two countries, including China, India, Malaysia, Indonesia, Myanmar, Thailand, Vietnam, Hong Kong, Macau, Taiwan, Korea, Japan, Canada, New Zealand, Uzbekistan, Mexico, Australia, Iran, the Philippines, the United Kingdom, the United States, as well as Singapore.
Programmes of Study

The Conservatory offers a four-year, full-time undergraduate Bachelor of Music (Hons) Degree programme, with students majoring in Performance (Piano, Voice and Orchestral Instruments), Composition or Recording Arts and Science. The programme is supported by a well-balanced and appropriately integrated academic curriculum taught in English by a faculty drawn from over 10 countries. Music theory, history and ensemble participation are required in each major, while Humanities studies and electives allow students to pursue their interests in other disciplines within the University. In addition, there is a small Young Artist Programme (for 10 outstanding teenage students) and a 2-year Graduate Diploma programme.

As a further partnership with the Peabody Conservatory, the National University of Singapore and The Johns Hopkins University signed an agreement on 8 March 2011 to launch a Joint Bachelor of Music Degree programme starting in August 2011. This Joint Degree programme is the first and only international undergraduate conservatory music programme of its kind in the world and allows students to attend classes on campuses in both Singapore and Baltimore, United States. Currently, 6 Yong Siew Toh Conservatory students are on exchange at Peabody, as part of the Joint Degree programme.

Although short of a decade of age, the student and alumni achievements have been extraordinary with international successes in competitions, composition commissions, full-time orchestral appointments and full scholarships to many prestigious graduate schools in Europe and the United States.

Competitive Advantage and Prospects

The Peabody collaboration provides for frequent student and faculty exchanges across all departments. To date, 33 Yong Siew Toh Conservatory students have participated in exchange programmes at Peabody, allowing them to experience the full breadth of activities at a major American conservatory of music. Faculty members from Peabody also make regular visits to the Yong Siew Toh Conservatory to coach students and conduct masterclasses. Full scholarships (including fees and living support) are currently provided to all students admitted into the Bachelor of Music (Hons) Degree programme, following a $50 million gift from the family of the late Dr Yong Loo Lin.
Admission Criteria

Currently, the major studies offered at the Yong Siew Toh Conservatory of Music include the following:

<table>
<thead>
<tr>
<th>Violin</th>
<th>Viola</th>
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</thead>
<tbody>
<tr>
<td>Cello</td>
<td>Double Bass</td>
</tr>
<tr>
<td>Flute</td>
<td>Oboe</td>
</tr>
<tr>
<td>Clarinet</td>
<td>Bassoon</td>
</tr>
<tr>
<td>Horn</td>
<td>Trumpet</td>
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<tr>
<td>Trombone</td>
<td>Tuba</td>
</tr>
<tr>
<td>Percussion</td>
<td>Harp</td>
</tr>
<tr>
<td>Composition</td>
<td>Piano</td>
</tr>
<tr>
<td>Voice</td>
<td>Recording Arts &amp; Science</td>
</tr>
</tbody>
</table>

As admission is by open audition through an auditions process, students intending to apply for performance-related majors are expected to offer an audition repertoire that meets our audition requirements (See the listed repertoire at: www.music.nus.edu.sg/03_students.html).

Applicants are also expected to meet the minimum academic qualifications for admission to NUS before they enrol in the University.

Application

Prospective students are welcome to apply for admission from 1 September 2011. Applications should be made online via the Conservatory website at www.music.nus.edu.sg

Auditions begin from December 2011 and online application ends on 31 January 2012.

Contact details

Yong Siew Toh
Conservatory of Music
musadmissions@nus.edu.sg
“The NUS Faculty of Science provides students with many learning opportunities where we can be inspired and challenged, and have our intellectual abilities and personal qualities developed. In fact, what I find most attractive about NUS Science is the wide range of study abroad programmes it offers.

Studying in the faculty has given me sound foundation in Life Sciences, thanks to its invigorating and enriching curriculum. It has also helped develop my interest in research. I especially treasure the research opportunity I had when I took part in the Harvey Mudd-NUS Global Clinic programme. Instead of the usual fundamental Science research conducted in most academic laboratories, I was engaging in industrial research! I got even more out of the programme when I teamed up with students from the Harvey Mudd College in the US, to test and evaluate the viability of a new clinical diagnostic product designed for Life Sciences research. Through this programme, I learnt how to work with students from different countries and to appreciate the importance of teamwork.

The flexible nature of the Science curriculum allows me to find time to pursue other interests on top of my studies. One fulfilling experience was when I organised a bazaar to raise funds and sought sponsorship in support of a play produced for the first time by a student interest group.

I hope to pursue postgraduate studies at NUS after I graduate.”

Lim She Yah
As Singapore continues to develop its Research & Development (R&D) sector, the Faculty of Science (FoS) becomes an important nexus between the academia and industries. While staying at the forefront of research, FoS trains students to be versatile and enterprising so that they will be relevant to the fast-evolving global economy.

From a modest beginning in 1929, FoS is today one of the largest faculties in the National University of Singapore (NUS), comprising some 4,600 undergraduates, 1,590 graduate students and over 270 research-active academic staff.

FoS has the following six departments:
- Biological Sciences
- Chemistry
- Mathematics
- Pharmacy
- Physics
- Statistics and Applied Probability

These departments offer a variety of majors, second majors, minors, multi-disciplinary and cross-faculty programmes, which cater to the different interests and pursuits of students.

Our programmes are designed to suit the demands of diverse industries and to prepare our students well; their training will stand them in good stead when it comes time to pursue their careers in varying fields.

Faculty of Science
UNDERGRADUATE DEGREE PROGRAMMES
(www.science.nus.edu.sg/undergraduates)

FoS offers students direct four-year Bachelor of Science (B.Sc.) (Honours) and Bachelor of Applied Science (Honours) degrees. Typically, more than 65% of FoS students will graduate with an honours degree. However, students can also choose to graduate within three years with a Bachelor’s degree.

For the Applied Science degree programmes, students must complete a compulsory industrial attachment for one semester to prepare them for careers in the relevant industries after they graduate.

FoS also offers a professionally-accredited B.Sc. (Honours) degree in Pharmacy. Over 95% of pharmacy students graduate with an honours degree.

To graduate from FoS, students must read and pass at least one major. Minors are optional.

The list of majors, second majors and minors offered by FoS, and their admission criteria can be found from page 100 to 102.

DEPARTMENTS AND MAJOR COURSES

Department of Biological Sciences
(www.dbs.nus.edu.sg)

The Life Sciences Major is jointly taught by professors from the 10 departments across FoS, the Saw Swee Hock School of Public Health and Yong Loo Lin School of Medicine (YLLSoM).

The first two years of the curriculum comprises foundation courses in biological sciences. Life Sciences students can then specialise in Biomedical Science (BMS), Molecular and Cell Biology (MCB), or Environmental Biology (EVB) in their third and fourth year of study.

Students have the opportunity to acquire the latest laboratory and research techniques from world-class scientists through participation in research projects.

Department of Chemistry
(www.chemistry.nus.edu.sg)

The Chemistry Major will build the foundation of the principles of chemistry vital for career opportunities in industry, research and development, as well as in the civil service and education sector.

The curriculum focuses on the areas of Theoretical, Physical, Analytical, Inorganic and Organic Chemistry, and also on laboratory modules so as to enhance our students’ learning process.

The Applied Chemistry Major emphasises more on skill-based training covering scientific communication, information technology, laboratory management, and a compulsory industrial attachment for up to six months.

Department of Mathematics
(www.math.nus.edu.sg)


The Applied Mathematics Major focuses on algorithms, problem-solving techniques and applications in areas of human concern and covers modules in key topics such as Financial Mathematics, Scientific Computing, Optimisation and Operations Research, and Coding and Cryptography. Graduates of the department can embark on careers in mathematical science research, education, and financial and operations management.

Department of Pharmacy
(www.pharmacy.nus.edu.sg)

The professional programme in Pharmacy is a broad-based four-year course based on a curriculum that is strong in pharmaceutical sciences and pharmacy practice. The curriculum is designed to support the three pillars of Pharmacy – active drug, health product and aspects of patient care and outcomes. In addition, undergraduate research opportunities in pharmacy practice and pharmaceutical sciences are also made available to undergraduates interested in R&D.

Graduates registered with the Singapore Pharmacy Council are readily employed in hospitals, community pharmacies, polyclinics, regulatory agencies, clinical trial agencies and in pharmaceutical industries. Interested students are welcome to read up more details on the course structure and career options on page 98.

Department of Physics
(www.physics.nus.edu.sg)

The Physics Major covers key topics such as Electromagnetism, Quantum Mechanics, Atomic and Nuclear Physics, and Solid State Physics. Honours
year students can choose to study towards a general degree or to specialise in either Astrophysics or Physics in Technology. The former focuses on Nuclear Astrophysics, Relativity and Cosmology, and the latter trains students to fill the gap between academic science and engineering.

Our Physics graduates are able to seek diverse career paths in fields such as engineering and microelectronics, R&D in the physical sciences, government scientific services and IT.

**Department of Statistics and Applied Probability**
(www.stat.nus.edu.sg)

The **Statistics Major** covers mathematical principles from the collection and analysis of data to its presentation. Students are prepared for careers in education, business and the government sector. Honours year students may choose to study towards a general degree. However, if students are aiming for more specific career tracks, they can specialise in either Biostatistics or Finance & Business Statistics. While the former enables them to apply statistics in pharmaceutical industries and medical research organisations, the latter prepares them for quantitative work in business and financial companies.

**MAJORS AND DEGREE PROGRAMMES IN MULTI-DISCIPLINARY SUBJECTS**

As the boundaries of the different sectors of today’s economy diminish, it becomes essential for graduates to straddle two or more disciplines. Hence FoS, in collaboration with other faculties and overseas universities, offers students with broad academic and career interests the following multi-disciplinary subjects to pursue.

**Computational Biology**
(www.science.nus.edu.sg/undergraduates/acadprog/majors/compbio)

Offered by FoS and School of Computing (SoC), this major is an emerging discipline in scientific research with the potential of impacting the whole spectrum of life sciences. Graduates will be conversant with biochemistry, biology/genetics, and wet-lab know-how, and also skilful in algorithm design and mathematical and statistical analysis.

**Food Science and Technology**
(www.fst.nus.edu.sg)

This major is a boutique course offered by the Department of Chemistry with participation from YLLSoM and the NUS Business School (BIZ). Students will acquire in-depth knowledge of the nature of foods and their chemical, physical and microbiological changes during processing, storage and consumption; this prepares them for research and careers in the food and allied industries.

**Quantitative Finance**

This highly selective major offered by the Department of Mathematics is open to second-year students and brings together various relevant courses in FoS, SoC and BIZ. Students will study the application of mathematical methods and the computational techniques in banking and finance.

**Chemical Sciences Programme**
(www.chemicalscience.nus.edu.sg/index.htm)

Offered by FoS and the Faculty of Engineering (FoE), this course provides students with strong foundations in medicinal chemistry, life sciences and chemical engineering, paving the way for graduate studies and research in these fields. Students will graduate with a major in Chemistry and a minor in Life Sciences. Scholarships offered by A*STAR for this programme are available on competitive basis.

**Physics and Life Sciences Programme**

Under this course, students will register as Physics Major and read a curriculum that focuses on Biophysics, Life Sciences and Bioengineering. This training prepares them for research in areas such as Computational Biophysics, Molecular and Structural Biophysics, Medical Physics and Bio and Diagnostic Imaging at the graduate level. Scholarships offered by A*STAR for this programme are available on competitive basis.

**The Science Club, which every NUS Science student is a member of, holds a SWEAT Camp after the first semester, for students to enjoy sports.**
New Interdisciplinary Degree Programme
Environmental Studies

Jointly offered by the Faculty of Arts and Social Sciences (FASS) and FoS from year 2011, this new interdisciplinary four-year direct honours degree programme is designed for top students with a passion for the environment. It adopts a broad-based and interdisciplinary approach to address the societal and scientific needs for understanding complex, modern environmental issues, such as climate change, land use, water usage, alternative energy and the building of liveable high-density cities. The programme also harnesses the synergies of domain experts from Faculty of Engineering, Faculty of Law, School of Design and Environment, NUS Business School, Yong Loo Lin School of Medicine, and Lee Kuan Yew School of Public Policy.

The programme offers a common two-year broad-based curriculum where students will study Biology, Chemistry, Mathematics, Statistics, Geography, Building, Law, Management and Policy, before specialising in one of the two areas of Environmental Studies – Environmental Biology with FoS and Environmental Geography with FASS. Other specialisations may be introduced in the future.

Highlights of this programme include field classes/courses to gain hands-on experience, internship opportunities at environmental agencies, environmental research establishments and a Distinguished Visitors Seminar Series where students can interact with eminent scientists and politicians.

NEW INITIATIVES IN SCIENCE PROGRAMME

Integrated Science Curriculum of Special Programme in Science (SPS)
(www.science.nus.edu.sg/undergraduates/enhancement/sps)

Introduced in 1996, the SPS aims to nurture talent among budding scientists through small group teaching, personalised learning programmes, and intensive staff-student interaction, all of which enhance the learning and appreciation of Science. The SPS Science curriculum was recently revised with the introduction of a new Integrated Science Curriculum in 2011. It is made more robust by integrating Biology, Chemistry, Mathematics and Physics into four thematic modules aimed at priming students for modern multi-disciplinary scientific challenges.

Global Science Programme (GSP)

The new GSP is a through-train undergraduate-cum-postgraduate programme aimed to attract the top 5% of each freshmen cohort to read Science in FoS. These students will embark on our SPS and be given the opportunity to attach to our overseas partner universities for research. GSP students will have the possibility of undergoing an accelerated three-year B.Sc. (Honours) degree (with an option to do a one-year M.Sc. degree by research at NUS, or a partner university), followed by a three- to four-year joint Ph.D. with half their candidature spent at a partner university abroad.

NEW CONCURRENT DEGREE PROGRAMMES WITH OVERSEAS UNIVERSITIES

Concurrent Degree Programme in Biophysics between FoS and School of Biomedical Sciences, King's College London

Designed as a four-year programme, this course of study leads to a NUS B.Sc. (Honours) in Life Sciences and a King's College London (KCL) Master of Research (M.Res.) in Molecular Biophysics. It is a joint effort harnessing the synergy of two institutions in the increasingly important field of Biophysics, specifically the complementary strengths and expertise of the prestigious Randall Division of Cell & Molecular Biophysics in KCL, and the Mechanobiology Institute and Centre for BioImaging Sciences in NUS.

The M.Res. programme at KCL is a newly developed intensive one-year Master’s programme offering in-depth practical biophysics research (75% of the programme), complemented by courses in molecular biophysics and biology (25% of the programme).
DOUBLE DEGREE PROGRAMMES

Faculty-Designed Double Degree Programmes (DDP):

• Physics and Materials Science & Engineering DDP
Offered by FoS and FoE, this programme caters to students with keen interest in the physics that underlie material properties and their technological applications.

• Law and Life Sciences DDP
Offered by FoS and Faculty of Law, this programme enables students to better appreciate and understand the expansive scope of the connection between law and life sciences, and to acquire expertise in these areas.

• Computer Science and Mathematics/ Applied Mathematics DDP
Offered by FoS and SoC, this programme seeks to produce highly valued graduates for R&D careers in the IT industry.

Self-Designed Double Degree Programmes:
Students can also design their own DDP with approval obtained from the relevant faculties. Some examples are as follows:

• Chemistry and Business Administration
• Life Sciences and Computer Science
• Quantitative Finance and Economics
• Mathematics and Economics

DOUBLE AND JOINT DEGREE PROGRAMMES WITH OVERSEAS UNIVERSITIES

• Double Degree Programme with French Grandes Écoles
This programme allows outstanding students of mathematical and physical sciences to study in one of the top five premier institutions in France, and at the same time experience its rich culture and master the French language. Students will graduate with a Diplôme d’Ingénieur (the equivalent of Masters in France) from the French Grande Écoles, along with M.Sc. and B.Sc. (Honours) degrees from NUS.

• Double Degree Programme with Waseda University in Japan
In partnership with the School of International Liberal Studies at Waseda University, FoS and FASS offer students this five-year DDP via the University Scholars Programme (USP). DDP focuses on seven thematic areas in the natural sciences, social sciences and humanities. Students will graduate with a B.Sc. (Honours) degree from NUS and a Bachelor’s degree from Waseda University.

• Joint Degree Programme (JDP) with Australian National University (ANU)
This four-year JDP is offered to USP students majoring in Chemistry, Mathematics or Physics. They can spend up to three semesters studying at the ANU’s Canberra campus and graduate with a B.Sc. (Honours) degree with their field of study recorded. The degree carries the crests of both universities and certifies the completion of the JDP for Bachelor of Philosophy (Honours), ANU, and B.Sc. (Honours), NUS.
SECOND MAJOR
This is a non-honours course of study offered to students who wish to broaden their knowledge and capabilities beyond their major(s).
FoS offers six second majors to students of any faculties. FoS students can also choose to read second majors offered by other faculties. Examples of double majors undertaken by our students are as follows:
- Applied Mathematics and Management
- Chemistry and Political Science
- Life Sciences and Business
- Mathematics and Chinese Studies
- Statistics and Economics

MINORS
Students seeking further enrichment in their studies can opt to read minors besides their major(s). FoS offers a diverse range of options such as Biophysics, Nanoscience and Life Sciences. Some highlights of our minor courses are as follows:

Joint Minors with University of Toronto (UofT)
(www.dbs.nus.edu.sg/Env_biol)
(www.chemistry.nus.edu.sg/education/undergrads/Minor/env_minor.htm)
Through this partnership with UofT, FoS offers minors in Environmental Biology and Environmental Chemistry. Students will be required to study for at least one semester at UofT and be allowed to transfer their grades and credits to satisfy graduation requirements.

Minor in Forensic Science
(www.chemistry.nus.edu.sg/education/undergrads/Minor/forensic.htm)
Offered by the faculty’s Chemistry and Biological Sciences departments, the minor enables students to learn the concepts in and principles of applying scientific techniques to criminal and civil investigations and litigations. Students will study topics such as forensic identification, DNA profiling, criminalistics, narcotics, toxicology, criminal laws, evidence and procedures to enhance their knowledge in crime scene investigations, which are provided for through collaboration with Health Sciences Authority and other law enforcement units.

Minor in Pharmaceutical Sciences
(www.pharmacy.nus.edu.sg/programmes/PharmMinor)
Offered by the Department of Pharmacy, it is aimed at students from the science or engineering-based disciplines. Students majoring in law, economics, computing, marketing and business may also apply if they meet the pre-requisites.

This minor will build fundamental technical knowledge and skill sets relevant to the pharmaceutical, biomedical and health services industries. It will also increase understanding among students of different majors about the potential applications of their domain knowledge and prepare them for careers in these dynamic industries within Singapore and beyond.

STUDY ABROAD PROGRAMMES
(www.science.nus.edu.sg/undergraduates/abroad)
These programmes complement the education of FoS students in NUS. They aim to cultivate a generation of science students who are enterprising and global in outlook. Partnering over 180 universities in 30 countries, our students can look forward to broadening their academic, intellectual and cultural horizons through the following programmes.

Student Exchange Programme (SEP)
This university-wide programme allows students to spend up to two semesters at a partner university, while earning credits towards their NUS degree.

Summer Programmes (Exclusive to FoS Students)
Students who prefer a shorter exchange can take summer courses at a partner university spanning four to seven weeks. Our current Summer Programme partners include the University of Toronto, University of California, Los Angeles, Tec de Monterrey, Mexico, University of Dundee, University of Costa Rica and University of Texas in Austin. The following are some of these summer programmes:
- Tropical and Conservation Biology Summer Programme with University of Costa Rica
FoS, NUS, and the University of Costa Rica (UCR) have developed a new Life Sciences Major module – Field Studies in Neotropical Ecosystems – jointly taught by faculty members from the Department of Biological Sciences, NUS, and School of Biology, UCR. This module is part of an intensive six-week Summer Programme conducted entirely in Costa Rica.

The Life Sciences students of this programme will be exposed to varying ecosystems found in the paleo- and neo-tropics. They will get to visit interesting field sites such as Cloud Forest, Monteverde; Páramo, Cerro de la Muerte; Pacific coastal area, Ostional; and Caribbean coastal forest, La Tirimbina. In addition, students will get to formulate and test hypotheses in the field, as well as undergo cultural and linguistic immersion programmes. This new programme has begun admitting students from year 2011.
• Food Commodities Summer School, University of Costa Rica

Spurred by the success of the Tropical and Conservation Biology Summer Programme, FoS collaborates with University of Costa Rica in another summer programme – Food Commodities Summer School.

Students from the Food Science and Technology Programme and other interested students can participate in this new six-week summer programme. They will be introduced to the production of food commodities and their quality parameters and processing; post-harvest requirements for export; commercialisation or further processing; and also acquire some knowledge of the Spanish language.

Among the highlights of this summer programme are field trips to various farms and hands-on learning at a food processing pilot plant.

• Harvey Mudd-NUS Global Clinic Programme

Under the programme, NUS Science students will team up with counterparts from Harvey Mudd College (HMC) in research-based projects sponsored by industry. This involves a six-week intensive summer programme (three weeks in HMC and three weeks in NUS), preparing students for the technicalities of the projects followed by further research and working online for a year. The deliverables of these projects will comprise products with industrial and real-life applications.

• Global Honours College Programme

This programme is organised by Waseda University, Japan, and formed by nine Asian and American Universities, where three to four students from each university will participate in a seminar. The seminar will comprise a two-month online course followed by three weeks of intensive research on site, at Waseda University. Its themes will focus on the enduring issues of global concerns, as well as emerging ones.

NUS Overseas Colleges (NOC) Programmes

This is offered to selected NUS students who wish to develop their entrepreneurial potential through a year-long internship with start-up companies in Beijing, Bio Valley (Pennsylvania), Shanghai, Silicon Valley, Stockholm, India and Israel. At the same time, students will study entrepreneurship-related courses at prestigious partner universities.

Overseas Research Programmes

Students with passion for research and scientific writing can apply for the following programmes lasting six to 12 weeks:

- Massachusetts Institute of Technology – International Research Opportunities Programme
- California Institute of Technology – Summer Undergraduate Research Fellowships Programme (Caltech SURF)
- University of North Carolina, Chapel Hill – Summer Lab Exchange Programme in their Biology, Chemistry, and Physics & Astronomy departments
- University of Queensland – Summer Research Internship
- Imperial College London – Summer Research Internship
- King’s College London – NUS Summer Undergraduate Research Opportunities in Science Programme
- University of Cambridge – NUS Summer Undergraduate Research Opportunities in Science Programme

A THRIVING RESEARCH ENVIRONMENT

Besides educating, FoS academic staff are actively involved in research, with many of them being recognised internationally for their contributions to R&D. Many have also received national and university-level research awards.

In recent years, our researchers have won multi-million dollar grants from prestigious government and private organisations, such as Dupont, General Electric, National Institutes of Health, Naval Research Laboratory (USA), National Science Foundation, A*STAR and National Parks...
Faculty of Science

insurance and IT, marketing and publishing, management consultancy, companies dealing in policy analysis, banking and finance, and healthcare establishments, the public sector, and research institutes, chemical, pharmaceutical industries and fields. These include educational that are highly sought after and employable in many 

The rigorous training provided by our robust curriculum focuses on the profession, professional ethics and work attitude, and knowledge, a high level of core competencies in pharmacy practice, professional ethics and work attitude, and generic skills for life-long employability. The Pharmacy programme is a direct-admission four-year course and the degree B.Sc. (Pharmacy) with honours will be awarded to candidates who have performed well throughout the course. Those who do not qualify for an honours degree will be awarded a B.Sc. (Pharmacy) degree.

Pharmacy Curriculum

In recognition of the diverse career options open to NUS-trained pharmacists and pharmaceutical scientists, our curriculum provides a broad-based education that has a strong foundation in biomedical and pharmaceutical sciences. This foundation in the sciences serves as a basis for the development of clinical skills in areas of pharmacy practice that are patient-oriented. In a nutshell, the curriculum focuses on the Drug, the Product and the Patient. Under modules about the Drug, students learn about the correlation between the physicochemical properties of a drug molecule and its pharmacokinetic profile and how the changes in these properties can modify its biotransformation. The Product modules provide an integrated overview of the health product development process, with a focus on patient-user safety. Under modules about the Patient, students learn about the structure, functions, and the disease states of and drug effects on the human body before acquiring the essential skills to manage health products for the best patient-consumer outcome.

Overall, students acquire a sound foundation in scientific knowledge, a high level of core competencies in pharmacy practice, professional ethics and work attitude, and generic skills for life-long employability. The Pharmacy programme is a direct-admission four-year course and the degree B.Sc. (Pharmacy) with honours will be awarded to candidates who have performed well throughout the course. Those who do not qualify for an honours degree will be awarded a B.Sc. (Pharmacy) degree.

PROFESSIONAL PROGRAMME IN PHARMACY

(www.pharmacy.nus.edu.sg)

The Department of Pharmacy has been an integral part of Singapore’s healthcare community since 1905 and remains the sole provider of pharmacy education in Singapore.

Pharmacy students are immersed in a learning environment that is nurturing, stimulating and interdisciplinary. The experience will prepare them for life-long careers as medication experts, clinical researchers and pharmaceutical scientists in the evolving health services, fast-paced pharmaceutical and other industries, and to meet the many challenges posed by an ageing population, changes in disease patterns and revolutionary advances in science and technology.

The department also offers abundant opportunities for postgraduate education in which students with basic degrees in pharmacy, medicine, engineering or science are being prepared to become researchers, educators and leaders in local and global enterprises.

Pharmacy Curriculum

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Graduates are required to complete a mandatory 12-month pre-registration training before they can register with the Singapore Pharmacy Council and practise as pharmacists.

**Career Prospects for Pharmacists and Pharmaceutical Scientists**

Career opportunities for pharmacists are abundant and diversified. There are two broad areas of practice, namely, patient-care practice and non-patient-care practice.

Depending on the graduate’s interests and abilities, he or she may seek employment in the academic arena, community pharmacy, hospital, pharmaceutical industry, regulatory organisation and other non-pharmacy related areas. He or she also enjoys career diversity as the training supports a life-time of multiple careers in Singapore and elsewhere.

As a registered pharmacist, you will manage medications for patients in hospitals, community pharmacies or polyclinics and contribute towards public and preventive health. In the hospitals, you may specialise by developing clinical pharmacy skills to care for specific groups of patients, for example cancer patients, patients in intensive care, diabetic patients, and geriatric and paediatric patients. At the community and polyclinic pharmacies, the pharmacists are valued members of the primary healthcare team.

Alternatively, those who wish to enter the pharmaceutical industry immediately upon graduation may do so without completing the pre-registration training.

The strong foundation in the pharmaceutical sciences offers a wide range of opportunities in the dynamic biomedical sciences industry, such as pharmaceutical manufacturing and quality, health product registration, health product research and development, clinical research, and sales and marketing of pharmaceuticals.

**Pharmacy – A Gateway to a Vibrant Student Life and Diverse Career Opportunities**

“I decided to study Pharmacy at NUS in 2007 as I was attracted to the diversity of career paths that the course offers. Coupled with my keen interest in Biology and Chemistry and a desire to contribute as a member of a healthcare team, studying Pharmacy was an obvious choice for me. I have not looked back since.

The Pharmacy programme equips us with core competencies (specific knowledge, attitudes, skills and behaviour), which contemporary and future pharmacists must possess so as to support their roles as summarised in “The 8-Star Pharmacist”. These roles are considered essential and minimum; they form the common expectations of national healthcare systems worldwide.

Our training opens the door to diverse careers in human health sciences, e-health and global health.

The programme also allows students to discover and pursue their key interests. For instance, my interest in clinical research led me to take up the module “Basic Undergraduate Research in Pharmacy”, which has prepared me in conducting a simple research project on the medication management of diabetic patients in an acute care setting.

Over the years, my interest grew towards developing a career in patient care. However, I know of seniors who have decided to embark on career paths that saw them becoming a pharmaceutical research scientist or a specialist clinical pharmacist or a leader in health policy and services.

The NUS Pharmaceutical Society (NUSPS) and other student organisations offer a vibrant student life on campus. I was President of NUSPS in my second year of study. The experience was immensely rewarding. We reached out to the community and partnered pharmacists and community leaders so as to share with the elderly and their family the tips for safe medication use.

All in all, I am most grateful to join this “Pharmily”. In expressing their heartfelt appreciation for having received a wonderful education, the Pharmacy Classes of 2007 to 2011 graduates have generously paid it forward before receiving their first paychecks. Their 100% class participation rate for the fourth consecutive year has earned NUS Pharmacy the Outstanding Achievement Award for Departments at the NUS Annual Giving Commencement Class Awards 2011. I welcome you to this charming Pharmily!”
## Undergraduate Programmes and Courses

<table>
<thead>
<tr>
<th>Degree</th>
<th>Bachelor of Science (Honours)(^1) [4-year duration]</th>
<th>Bachelor of Applied Science (Honours)(^1) [4-year duration]</th>
<th>Bachelor of Science (Pharmacy) (Honours)(^1) [4-year duration]</th>
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<tbody>
<tr>
<td>Majors</td>
<td>• Chemistry</td>
<td>• Applied Chemistry</td>
<td>Pharmacy</td>
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<td>• Computational Biology</td>
<td>• Food Science and Technology</td>
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<td>• Life Sciences (specialisation in Biomedical Science)</td>
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<td>• Mathematics</td>
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<td>• Physics</td>
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<td>• Physics (specialisation in Astrophysics)</td>
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<td>• Physics (specialisation in Physics in Technology)</td>
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<td>• Quantitative Finance</td>
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<td>• Statistics</td>
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<td>• Statistics (specialisation in Biostatistics)</td>
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<td></td>
<td>• Statistics (specialisation in Finance and Business Statistics)</td>
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| Second Majors\(^2\) (optional) | • Chemistry                                           |
|                                | • Life Sciences                                       |
|                                | • Mathematics                                         |
|                                | • Financial Mathematics                                |
|                                | • Physics                                             |
|                                | • Statistics                                          |

| Minors\(^2\) (optional)       | • Analytical Chemistry                                 |
|                                | • Biophysics                                          |
|                                | • Engineering Materials (jointly offered with Faculty of Engineering) |
|                                | • Environmental Biology (jointly offered with University of Toronto) |
|                                | • Environmental Chemistry (jointly offered with University of Toronto) |
|                                | • Financial Mathematics                                |
|                                | • Forensic Science                                    |
|                                | • Life Sciences                                       |
|                                | • Mathematics                                         |
|                                | • Nanoscience                                         |
|                                | • Optical & Semiconductor Technology                   |
|                                | • Physics                                             |
|                                | • Pharmaceutical Sciences                             |
|                                | • Statistics                                          |

| Bachelor of Environmental Studies (BES) | • Four-year direct Honours programme launched in 2011 |
|                                          | • Multi-disciplinary programme jointly hosted by the Faculty of Science and Faculty of Arts and Social Sciences, with the participation of six other faculties and schools |
|                                          | • BES with specialisation in Environmental Biology is offered by Faculty of Science |

| Concurrent Degree (New)                      | • Four-year programme in Biophysics between Faculty of Science, NUS, and School of Biomedical Sciences, King’s College London |
|                                             | • Course of study leads to a B.Sc.(Honours) in Life Sciences, NUS and a Master of Research in Molecular Biophysics, King’s College London |

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<tr>
<th>Double Degrees (optional) [5-year duration]</th>
<th>Faculty-designed</th>
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<tbody>
<tr>
<td></td>
<td>• Physics and Materials Science &amp; Engineering</td>
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<td>• Computer Science and Mathematics/Applied Mathematics</td>
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<td></td>
<td>• Law and Life Sciences</td>
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<td>• NUS-Waseda (for USP students)</td>
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<td>• NUS-French Grandes Écoles</td>
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<td></td>
<td>• NUS-ANU Joint Degree Programme (for USP students, four-year duration)</td>
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| Self-designed | Double degree combinations within and outside FoS put together by students |

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1. Students can choose to exit from the programme and graduate with a Bachelor of Science degree within three years, except for Computational Biology and Pharmacy, which are strictly four-year programme.

2. Students can also choose to read Second Majors or Minors offered by other faculties in NUS that are open to Science students.
### Admission Criteria

<table>
<thead>
<tr>
<th>Course</th>
<th>Subject Prerequisites for Students Offering</th>
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</thead>
<tbody>
<tr>
<td><strong>Majors</strong></td>
<td><strong>H2 Curriculum</strong></td>
</tr>
<tr>
<td>• Chemistry</td>
<td>Good H2 pass or equivalent in Chemistry and at least a good ‘O’ level pass in Mathematics</td>
</tr>
<tr>
<td>• Applied Chemistry</td>
<td>[Streaming of this track will only be carried out after Year 1]</td>
</tr>
<tr>
<td>• Computational Biology*</td>
<td>Good H2 passes or equivalent in Mathematics and either Biology, Chemistry or Physics</td>
</tr>
<tr>
<td>• Food Science and Technology*</td>
<td>Good H2 passes or equivalent in Biology, Chemistry, and either Mathematics or Physics</td>
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<td>• Life Sciences</td>
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<tr>
<td>• Life Sciences (Specialisation in Biomedical Science) (Honours)</td>
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<td>• Life Sciences (Specialisation in Environmental Biology) (Honours)</td>
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<td>Good H2 passes or equivalent in Mathematics and Physics</td>
</tr>
<tr>
<td>• Pharmacy (Professional programme, where application is by direct admission only)</td>
<td>Very good H2 passes or equivalent in Biology and Chemistry</td>
</tr>
</tbody>
</table>

* Admission to the Faculty of Science does not automatically qualify a student to choose these majors as there are additional departmental selection criteria applied due to limited places.

* For students who belong to the old “A” Level curriculum, a good “A” level pass or its equivalent in Mathematics or Further Mathematics is required.
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<tr>
<th>Course</th>
<th>Subject Prerequisites for Students Offering</th>
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<td><strong>Second Majors (Optional)</strong></td>
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<tr>
<td>Chemistry</td>
<td>Good H2 pass or equivalent in Chemistry and at least a good 'O' level pass in Mathematics</td>
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<td>Life Sciences</td>
<td>Good H2 passes or equivalent in Biology, Chemistry, and/or Mathematics or Physics</td>
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<td>Financial Mathematics</td>
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<td>Physics</td>
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<td>Minors (Optional)</td>
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<tr>
<td>Analytical Chemistry</td>
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<td>Biophysics</td>
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<td>Financial Mathematics</td>
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<td>Mathematics</td>
<td>Good passes in HL Mathematics</td>
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<td>Statistics</td>
<td>Good passes in Mathematics</td>
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<td>Forensic Science</td>
<td>Good H2 passes or equivalent in Chemistry and Biology</td>
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<tr>
<td>Life Sciences (Application is subject to departmental approval)</td>
<td>Good H2 passes or equivalent in Biology</td>
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<td>Nanoscience</td>
<td>Good H2 passes or equivalent in Chemistry or Physics</td>
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<tr>
<td>Optical and Semiconductor Technology</td>
<td>Good H2 passes or equivalent in Physics</td>
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<td>Pharmaceutical Sciences</td>
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<td>Joint Minors (Optional)</td>
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<tr>
<td>Engineering Materials</td>
<td>Good H2 pass or equivalent in Chemistry or Physics</td>
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<tr>
<td>Environmental Biology</td>
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<tr>
<td>Environmental Chemistry</td>
<td>Good H2 passes or equivalent in Physics and Mathematics</td>
</tr>
<tr>
<td>New Interdisciplinary Degree Programme</td>
<td>Good passes in H1 Mathematics and either H2 Biology or H2 Chemistry</td>
</tr>
<tr>
<td>Bachelor of Environmental Studies (Specialisation in Environmental Biology)</td>
<td>Good passes in SL Mathematics and either HL Biology or HL Chemistry</td>
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<tr>
<th>Subject Prerequisites for Students Offering</th>
<th>IB Diploma</th>
<th>NUS High School Diploma</th>
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</thead>
<tbody>
<tr>
<td>Good pass in HL Chemistry and at least a good 'O' level pass in Mathematics</td>
<td>Good passes in Chemistry and Mathematics</td>
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<td>Good H2 passes in HL Biology, Chemistry, and either HL Mathematics or HL Physics</td>
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The Faculty of Science now has a new ‘Science’ icon in front of its S16 block, which serves as a landmark for the faculty. The icon was launched by Dean Professor Andrew Wee on the occasion of the faculty’s first Science Day, held to celebrate student life and academic excellence.
“LKYSPP has provided me with an environment of diversity from the student population - only a fifth of my classmates are from Singapore and the rest come from myriad countries - and a depth of understanding of public policy issues from the professors, some of whom are world renown. Its alliances with many respected universities and institutes around the world also give my classmates and me the platform to attend joint classes, exchange and dual degree programmers with these partner schools.”

Zhang Yingxin, Louisa

Master in Public Policy, 2011-13
As countries in Southeast Asia and the Pacific enter a new phase of development, the importance of public policy is becoming increasingly recognised. The LKY School was formally launched in 2004, and builds on the rich legacy of the National University of Singapore’s (NUS) Public Policy programme, which was established in 1992 in collaboration with Harvard University’s Kennedy School of Government. In addition to the strategic partnership with the Harvard Kennedy School, the LKY School also groomed its network of partnerships with leading universities across the globe.

The LKY School aims to be a centre of excellence for research and education in the fields of public policy and management. Its mission is to provide opportunities for the education and training of the next generation of Asian policymakers and leaders, with the objective of raising standards of governance, improving the lives of people and, in doing so, contributing to the transformation of Asia.
BACHELOR IN BUSINESS ADMINISTRATION (HONS) & MASTER IN PUBLIC POLICY (MPP)

The NUS Bachelor of Business Administration with Honours, BBA (Hons) has a concurrent degree programme with the Master in Public Policy (MPP) at the LKY School. The course aims to prepare the next generation of policy leaders to apply business principles to social and environmental issues, as well as to address corporate social responsibility and business ethics concerns. This concurrent programme offering is developed for would-be professionals in the public, private and non-profit sectors with an interest in the global dimensions of public affairs and national policies. This concurrent programme by the NUS Business School, the University Scholars Programme (USP) and the LKY School develops versatile leaders to tackle important issues. BBA’s managerial leadership training, coupled with USP’s multidisciplinary intellectual nurturing, culminates with MPP’s unique exposure to global policy influencing.

The rigorous academic curriculum is well complemented by networking among selective like-minded future leaders, many nominated by their own governments from more than 50 countries, while others are double-masters students from New York, London, Paris and Tokyo. Eligible students in the second semester of their study in the MPP programme may further apply to any double-masters degree programme, pairing the NUS MPP with a foreign masters programme in the prestigious Global Public Policy Network (GPPN), i.e. Columbia University’s Master of Public Administration (MPA), London School of Economics and Political Science’s Master in Public Administration (MPA), or Sciences Po’s Master of Public Affairs (MPA) as well as the University of Tokyo’s Master of Public Policy (MPP). Dual-masters students will normally require an extra half year beyond the concurrent programme.

CONCURRENT DEGREES WITH NUS BUSINESS SCHOOL & FACULTY OF LAW

BACHELOR OF LAWS (LLB) & MASTER IN PUBLIC POLICY (MPP)

Another concurrent degree programme combines the strengths of the LKY School and the Faculty of Law, offering law students, particularly those interested in a career in public service, a unique opportunity to understand the legal, policy and practical dimensions of governance and national, regional, and international policy making. The Law (LLB) and Public Policy (MPP) degrees prepare students for the complex world of policy making and public service. The LKY School helps its students to understand the complex issues that challenge policymakers daily and offers a strong curriculum anchored firmly within an Asian context. Courses and case studies offered in the programmes reflect a wide spectrum of issues which are unique to countries in the Asia-Pacific region and encompass religious, ethnic, historical and political variables which add to the complexity of governance. The Faculty of Law, on the other hand, offers rigorous training in public law, international law, and governance, and has a long history of placing its graduates in leading positions in government and public service.

Lee Kuan Yew School of Public Policy

MASTER IN PUBLIC POLICY (MPP)

The two-year MPP programme provides a strong foundation and the necessary conceptual and analytical skills for future public service leaders and individuals, who have an interest in understanding and influencing future policy decisions. MPP students learn how to confidently apply economic and management ideas and tools in order to analyse, design and manage efficient and effective public policies and the organisations that develop and implement them.

The School’s emphasis on problem-based learning and its use of case studies allow students to focus on complex real-world problems rather than simple textbook examples. MPP students also have the opportunity to enroll in a double degree programme with Columbia University’s School of International and Public Affairs (SIPA), the London School of Economics and Political Science (LSE), Sciences Po, Paris, the University of Tokyo, Peking University or the University of Geneva.
MASTER IN PUBLIC ADMINISTRATION (MPA)
The one-year Master in Public Administration (MPA) programme provides an intensive, interdisciplinary course of study for experienced professionals who wish to acquire new knowledge and skills to enhance their leadership and managerial capabilities. This innovative programme can be taken on a full-time or part-time basis. Taught by experienced faculty using a problem-based learning approach and real-world case studies, MPA students learn how to apply techniques of policy analysis and programme evaluation to resolve complex multi-dimensional policy challenges, as well as to sharpen their leadership and communication skills. The MPA programme also provides the opportunity for candidates to gain a continuation path degree with INSEAD Business School and a double degree with NUS Faculty of Law and Business School. The School regularly hosts seminars and public lectures to enable all students to complement their formal learning through interaction with distinguished individuals who are shaping the future. The School expects its MPA graduates to serve in a wide range of middle- to senior-level positions in the government, not-for-profit organisations, international organisations and the private sector.

MASTER IN PUBLIC MANAGEMENT (MPM)
The Master in Public Management (MPM) is a one-year full-time programme developed to enhance the skills of senior managers working in the public, private and not-for-profit sectors in the area of governance. It is targeted at accomplished senior officials who hold key positions in their organisations. They must also possess the potential to move into more senior positions in their organisations. The MPM candidate is, therefore, not selected on present accomplishments alone but also on future potential.

Students will be attached to ministries and agencies where they will be given the opportunity to bridge theory with practice. MPM students will also get to spend one semester at the John F. Kennedy School of Government at Harvard University or with Columbia University’s School of International and Public Affairs (SIPA).

MASTER IN PUBLIC ADMINISTRATION AND MANAGEMENT (MPAM)
With the fast expanding Chinese economy and its rapid integration with the rest of the world, there is a great and increasing need for public administration education among government officials and state-owned enterprise (SOE) executives from China and other emerging economies. In order to reach out to larger constituents, including mid-level and senior government officials and SOE executives who have a desire to participate in Chinese language based programmes, the Lee Kuan Yew School of Public Policy in collaboration with NUS Business School offers a 10-month Master in Public Administration and Management (MPAM) programme taught in Mandarin to train public service professionals and SOE executives. MPAM graduates will be equipped to perform in a wide variety of public service fields in all levels of government, in the international arena, and in the private sector, and will receive a Master in Public Administration and Management (MPAM) degree conferred by the National University of Singapore.

DOUBLE DEGREES WITH NUS BUSINESS SCHOOL & FACULTY OF LAW

MASTER OF BUSINESS ADMINISTRATION (MBA) & MASTER IN PUBLIC ADMINISTRATION (MPA)/PUBLIC POLICY (MPP)
The MBA and MPA Double Degree programme with the LKY School provides an intensive, interdisciplinary course of study for experienced professionals who wish to acquire new knowledge and skills to enhance their leadership and managerial capabilities. It is suitable for candidates with a minimum of five years relevant work experience.

The MBA and MPP Double Degree programme enables early career individuals to gain knowledge and expertise in both business and government. These students will acquire competencies relevant to industry, government and public sector organisations. The MBA-MPP double degree graduate will be able to appreciate and manage the close relationship of business organisations and the public sector. Candidates must have a minimum of two years relevant work experience.
The LKY School is the first institution outside Europe and North America to join the prestigious Global Public Policy Network (GPPN), an alliance of institutions including Columbia University’s School of International and Public Affairs (SIPA), The London School of Economics and Political Science (LSE), as well as Sciences Po, Paris. The successful establishment of double degrees with LSE, Sciences Po, SIPA and the University of Tokyo has affirmed the LKY School’s place in the premier league of public policy educational institutions. Among the many strengths of the School is its diverse faculty, drawn from around the world. An equally diverse student population – over 370 students from around 50 countries – provides a rich and lively learning environment inside and outside the classroom, as well as opportunities for forming lasting international friendships. The School also enjoys the support of alumni in many countries and territories. It has established a respected track record of providing a first-rate policy education and access to the public policy experiences of Singapore and Asia. Finally, the School provides generous scholarships on a competitive basis. These scholarships support the mission of the School to provide opportunities for the education and training of the next generation of Asian policy-makers and leaders.
<table>
<thead>
<tr>
<th>Course</th>
<th>Selection Test / Interview</th>
<th>Subject Prerequisites for Students Offering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master in Public Policy (MPP)</td>
<td>Yes</td>
<td>A National University of Singapore (NUS) honours degree (at least 2nd Upper) or an equivalent degree, such as a 4-year Bachelor degree with an average grade of B or higher, including a pass in the school’s placement test. Other qualifications and experience may be accepted subject to approval by the NUS Board of Graduate Studies. Applicants should preferably have some background in Economics and Mathematics. Required years of working experience: up to 5 years.</td>
</tr>
<tr>
<td>Master in Public Administration (MPA)</td>
<td>Yes</td>
<td>A National University of Singapore (NUS) honours degree (at least 2nd Upper) or an equivalent degree, such as a 4-year Bachelor degree with an average grade of B or higher, including a pass in the school’s placement test. Other qualifications and experience may be accepted subject to approval by the NUS Board of Graduate Studies. Required years of working experience: from 5 to 15 years.</td>
</tr>
<tr>
<td>Master in Public Management (MPM)</td>
<td>Yes</td>
<td>A National University of Singapore (NUS) honours degree (at least 2nd Upper) or an equivalent degree, such as a 4-year Bachelor degree with an average grade of B or higher, including a pass in the school’s placement test. Other qualifications and experience may be accepted subject to approval by the NUS Board of Graduate Studies. Required years of working experience: at least 8 years.</td>
</tr>
<tr>
<td>Master in Public Administration and Management (MPAM)</td>
<td>Yes</td>
<td>A National University of Singapore (NUS) honours degree (at least 2nd Upper) or an equivalent degree, such as a 4-year Bachelor degree with an average grade of B or better. Required years of relevant working experience: more than 5 years.</td>
</tr>
<tr>
<td>Doctor of Philosophy (PhD)</td>
<td>Yes</td>
<td>Applicants seeking admission to the PhD programme must have a good Master’s degree in a relevant discipline or a 2nd Upper honours degree or equivalent in a relevant discipline. Applicants will be evaluated on their ability to undertake a rigorous academic programme as demonstrated by references and the applicants’ written analysis of past research experience. The candidates should be motivated, outward-looking and open to new ideas. Additionally, the candidate should preferably have some background in Mathematics and Economics.</td>
</tr>
<tr>
<td>Senior Management Programme (SMP)</td>
<td>No</td>
<td>The SMP is designed for senior executives in the government, not-for-profit and private sectors who are earmarked to be the next generation of leaders in their organisations. The ideal SMP candidate is a senior functional head or director of an organisational unit with at least eight years of significant managerial experience. As the programme will be conducted in English, participants must be proficient in the language.</td>
</tr>
</tbody>
</table>

For Double Degree and Concurrent Degree requirements, please refer to: http://www.nus.edu.sg/oam/apply/local/prerequisites/BYA-prerequisites.html
TUITION FEES AND MOE TUITION GRANT

A student’s education at the University is highly subsidised by the Government of Singapore. This substantial subsidy comes in the form of a tuition grant administered by the Ministry of Education (MOE) which is offered to all full-time students. The tuition grant is the difference between the full fees (i.e. cost of training at the University) and the tuition fees payable by the student. Students who accept the tuition grants need only pay subsidised fees (also referred to as the “Direct Payment” portion of fees).

While the tuition grant is not repayable, Singapore Permanent Residents and international students will be bonded under the terms of the tuition grant to work for a Singapore-registered company for three years upon completion of their courses, so as to discharge some of their obligations to the Singapore Government for the high subsidy of their university education.

Visit: http://www.nus.edu.sg/registrar/edu/UG/fees.html for the latest information on tuition fees.


Further details on the tuition grant are available from:
Tuition Grant Unit
Higher Education Division
Office Tower Level 15
Ministry of Education, Singapore
1 North Buona Vista Drive
Singapore 138675

Tel: +65 6879 7333/4
Fax: +65 6776 8609
Email: MOE_tgonline@moe.gov.sg
Website: https://tgonline.moe.gov.sg/tgis/normal/index.action

MISCELLANEOUS FEES

Miscellaneous fees are typically levied on items that are either not covered or partially covered by tuition fee and grant. These fees, estimated at S$300 per year, contribute towards defraying associated costs and fall into the following general categories - registration, student activity, health service and insurance and academic-related activities.

ESTIMATED MONTHLY EXPENSES FOR UNDERGRADUATES


STUDENT EMPLOYMENT

To help defray the cost of education and living, some students may choose to take on part-time employment. All full-time international undergraduate students will be allowed to engage in part-time employment, as long as they meet ICA’s stipulation of not exceeding 16 hours per week of employment during semester time. Please note that there is no cap on the number of hours during the University’s vacation periods.

For more information, visit www.nus.edu.sg/osa/international/svcs
NUS SCHOLARSHIPS

The University offers a variety of undergraduate scholarships in recognition of outstanding students with exceptional academic achievements, leadership qualities and special talents. These include the following:

<table>
<thead>
<tr>
<th>Scholarship Name</th>
<th>Value and Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NUS Scholarships</strong></td>
<td><strong>NUS Global Merit Scholarship (GMS)</strong></td>
</tr>
<tr>
<td></td>
<td>• Tuition fees</td>
</tr>
<tr>
<td></td>
<td>• Annual living allowance of $86,000</td>
</tr>
<tr>
<td></td>
<td>• Full subsidy for staying in a double occupancy room in an NUS Hall of Residence or an accommodation allowance equivalent to the rate for such a room, or full subsidy for staying in a non-air-conditioned single (corridor) room in University Town, whichever is applicable</td>
</tr>
<tr>
<td></td>
<td>• One-time computer allowance of $2,000</td>
</tr>
<tr>
<td></td>
<td>• Sponsorship for Student Exchange Programme or NUS Overseas College Programme</td>
</tr>
<tr>
<td></td>
<td>• Option to enroll in the University Scholar’s Programme or the University Town Residential Programme</td>
</tr>
<tr>
<td></td>
<td>• Eligibility for the NUS Scholar Enrichment Grant</td>
</tr>
<tr>
<td><strong>NUS Undergraduate (Merit) Scholarship</strong></td>
<td>• Tuition fees</td>
</tr>
<tr>
<td></td>
<td>• Annual living allowance of $86,000</td>
</tr>
<tr>
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</tr>
<tr>
<td></td>
<td>• Eligibility for the NUS Scholar Enrichment Grant</td>
</tr>
<tr>
<td><strong>NUS Undergraduate Scholarship</strong></td>
<td>• Tuition fees</td>
</tr>
<tr>
<td></td>
<td>• Annual living allowance of $83,600</td>
</tr>
<tr>
<td></td>
<td>• One-time computer allowance of $2,000</td>
</tr>
<tr>
<td></td>
<td>• Option to enroll in the University Scholar’s Programme or the University Town Residential Programme</td>
</tr>
<tr>
<td></td>
<td>• Eligibility for the NUS Scholar Enrichment Grant</td>
</tr>
<tr>
<td><strong>Kent Ridge Undergraduate (Merit) Scholarship</strong></td>
<td>• Tuition fees</td>
</tr>
<tr>
<td></td>
<td>• Annual living allowance of $83,600</td>
</tr>
<tr>
<td><strong>Kent Ridge Undergraduate Scholarship</strong></td>
<td>• Tuition fees</td>
</tr>
<tr>
<td><strong>NUS Sports Scholarship</strong></td>
<td>• Tuition fees</td>
</tr>
<tr>
<td></td>
<td>• Annual living allowance of $83,600</td>
</tr>
<tr>
<td></td>
<td>• Full subsidy for staying in a double occupancy room in an NUS Hall of Residence or an accommodation allowance equivalent to the rate for such a room, whichever is applicable</td>
</tr>
<tr>
<td></td>
<td>• Eligibility for the NUS Scholar Enrichment Grant</td>
</tr>
</tbody>
</table>

NUS Scholarships are awarded to outstanding Singaporeans applying for admission to NUS.

ELIGIBILITY

Applicants for the NUS Scholarships must
- Be Singapore Citizens;
- Have strong leadership qualities and potential;
- Have a good co-curricular activities record, and
- Have offered GCE ‘A’ levels, Diploma from a polytechnic in Singapore or equivalent qualifications (e.g. International Baccalaureate).

Medicine and Dentistry students are not eligible for the Global Merit Scholarship. However, they are eligible for a limited number of NUS Undergraduate (Merit) Scholarships and NUS Undergraduate Scholarships.

CONDITIONS OF SCHOLARSHIP

The NUS Scholarships are tenable for the stipulated duration of the undergraduate courses which applicants are admitted to, subject to renewal requirements with regards to academic performance, and do not carry any bond requirements. Recipients of the NUS Scholarships may not concurrently hold any other scholarship, fellowship, grant or award without prior approval from the University.

APPLICATION


Students will automatically be considered for all five tiers of NUS Scholarships based on the application submitted. Students may opt to be considered for the NUS Sports Scholarship in the same application.

APPLICATION PERIOD

1 February 2012 to 1 April 2012
OTHER SCHOLARSHIPS

The following are other scholarships available to students applying for admission to or matriculating into NUS with outstanding academic and co-curricular achievements. For more information on the scholarships below, please visit http://www.nus.edu.sg/oam/scholarships-financialaid/financialaid.html

LKY-STEP Award
Open to Singapore Citizens and permanent residents who are Polytechnic Diploma holders and matriculating into full-time undergraduate courses.

University Engineering Scholarship
Open to Singapore Citizens and permanent residents who are Polytechnic Diploma holders and matriculating into full-time undergraduate Engineering or Computing courses.

Khoo Teck Puat Scholarship
Open to Singapore Citizens and PRC Citizens who are financially needy.

ASEAN Undergraduate Scholarship*
Open to citizens or permanent residents of ASEAN countries (excluding Singapore).

SembCorp Industries Undergraduate Scholarship*
Open to citizens of Indonesia who have completed, or are completing the SMA UAN (Ebtanas) science stream (or its equivalent) in the year of application.

Singapore Airlines-Neptune Orient Lines (SIA-NOL) Undergraduate Scholarship*
Open to citizens of India who have completed, or are completing the Indian Standard 12 science stream (or its equivalent) in the year of application.

Dr Goh Keng Swee Scholarship
Open to citizens of selected Asian countries (excluding Singapore).

* All eligible students who apply for admission to NUS will be considered for the scholarship. Separate applications are not required.

STUDENT FINANCIAL AID

The University is committed to a needs-blind merit based admission policy that ensures no deserving student is denied admissions because of financial difficulty. To help meet the educational expenses of financially needy students, aid in the form of loans, bursaries and work-study opportunities are administered by the Office of Financial Aid (OFA) within the Office of Admissions.

TYPES OF FINANCIAL AID AVAILABLE

TUITION FEE LOANS (TFL) are available to all full-time undergraduate students. The value of the loan is up to 90% of the tuition fee payable*. The loan is tenable for the entire course of study and is only repayable upon graduation. Interested applicants can download the application form from the OFA website and submit the completed form directly to either OCBC or DBS Bank for processing.

CPF EDUCATION SCHEME (CES) is a loan programme applicable to full-time undergraduate students who have and/or whose family members have CPF accounts. The value of the loan should not exceed the tuition fee payable* and the CPF member/s may only use up to 40% of the accumulated savings in the ordinary account/s, excluding amounts withdrawn for housing. The loan is tenable for the entire course of study and is only repayable upon graduation. Interested applicants can apply online at the CPF website.

MENDAKI TERTIARY TUITION FEE SUBSIDY (TIFS) is available to needy Malay undergraduate students who are Singapore citizens or children of Singapore citizens and have enjoyed free secondary and pre-university education in Singapore, with a monthly per capita family income not exceeding $1,500. The quantum of subsidy is 50% or 75% or 100% of the tuition fee payable. Interested applicants can download the application form from OFA’s website from July and return the completed form to OFA by 1 August for onward transmission to Mendaki for their processing.

POST-SECONDARY EDUCATION ACCOUNT (PSEA) SCHEME is administered by the Ministry of Education (MOE) and is open to all eligible Singaporeans. It allows students to utilise their own and/or up to three siblings’ PSEA funds for payment of tuition fees (inclusive of mandatory miscellaneous fees) as well as enrichment programmes approved and endorsed by the University. Interested applicants can download the application form from the OFA website in July and submit the completed form at the Registration Centre on Registration day or to the Student Service centre (SSC) or OFA by the deadline stipulated on the website.

NUS STUDY LOANS are available to needy local and international undergraduate students whose monthly per capita household income is not more than $2,400 and $1,200 respectively. These eligible applicants must also have obtained or intend to obtain financing for 100% of the tuition fee payable* under the TFL and/or CES and/or TIFS and/or a registered government agency (RGA), together with the NUS Study Loan. When the total of such borrowing amounts to 100% of the tuition fee payable*, eligible applicants will also be granted a study loan living allowance of $3,600. Each loan is tenable for the entire course of study and is repayable only upon graduation. Interested applicants can be considered for the loans by applying for Financial Aid online at the OFA website after applying for admission, and before the admission closing date, or by 1st April, whichever is earlier.

NUS BURSARIES are available to needy undergraduate students who are recipients of the NUS Study Loans (including the living allowance loan portion). The value of each award is at least $1,000 per annum. Each award is tenable for one year and re-application is required every year. The recipient may not concurrently hold another scholarship or bursary or free aid without prior approval from NUS. Interested applicants can be considered for the bursaries by applying for Financial Aid online at the OFA website after applying for admission, and before the admission closing date, or by 1st April, whichever is earlier.

NUS STUDENT ASSISTANCE LOANS are available to needy undergraduate students who are recipients of the NUS Study Loans with the living allowance component. The loan...
Applications for TFL/CES/Mendaki TTFS/RGA should be made upon offer of admission. Application details are earlier. Applications for TFL/CES/Mendaki TTFS/RGA before the admission closing date, or by 1st April, whichever is earlier.

OVERSEAS STUDENT EXCHANGE PROGRAMME LOANS are available to undergraduate students who have been selected to participate in the student exchange programme at an overseas partner university. The maximum loan quantum is $3,000 per semester, depending on the applicant’s financial status. Interested applicants can apply online at the OFA website at least 3 weeks before departing from Singapore for the programme.

WORK-STUDY ASSISTANCE is available to needy undergraduate students who are recipients of our financial aid. Students who are deemed to be eligible for assistance under this scheme will be (1) issued with a priority consideration letter upon request and (2) directed to the eJobCentre website for preferential consideration for part-time work. The scheme is tenable for one year and re-application is required every year. Interested applicants can be considered for the assistance by applying for Financial Aid online at the OFA website after applying for admission, and before the admission closing date, or by 1st April, whichever is earlier.

* At Singapore Citizen’s rate for the same course of study can be considered for the assistance by applying for Financial Aid online at the OFA website after applying for admission, and before the admission closing date, or by 1st April, whichever is earlier.

ELIGIBILITY FOR FINANCIAL AID APPLICATION

In order to be eligible for consideration, an applicant must have applied for admission to NUS.

FINANCIAL AID AWARD

With the exception of scholarship applications which are considered based on merit, all applications for Financial Aid must be supported by documentary evidence of family income. Successful applicants will be offered a conditional Financial Aid Package which will be confirmed upon their successful application for loans/aid under the TFL/CES/Mendaki TTFS/RGA. The Financial Aid Package will be a combination of some or all of the following schemes:

- NUS Study Loan
- NUS/MOE Bursary
- NUS Student Assistance Loan
- Work-Study Assistance

APPLICATION PROCEDURES

Financial Aid applications are processed before the start of each academic year. For prospective students, applications should be made after applying for admission to the University and in the year they are admitting. Please access the OFA website to apply online after applying for admission, and before the admission closing date, or by 1st April, whichever is earlier. Applications for TFL/CES/Mendaki TTFS/RGA should be made upon offer of admission. Application details and deadlines are at the OFA website. All applications should be completed accurately and submitted as early as possible to avoid delay in processing.

OTHER FINANCIAL SCHEMES

CDC/CCC BURSARY SCHEME (administered by the respective CDCs/CCCs). Bursaries under this scheme are only offered to applicants who are Singapore Citizens and whose monthly family per capita income is $850 and below. The quantum of each award is $2,900 per year and each award is tenable for one year. The recipient may not concurrently hold another scholarship or bursary or free aid without prior approval from NUS. Very needy NUS Bursary recipients may be allowed to concurrently hold the CDC/CCC Bursary and will be invited to apply for it via email in September/October if they are found eligible. Interested applicants have to download the application form from the OFA website in September/October and submit the completed form to the SSC for endorsement before submitting it to the Community Centre nearest to their home for consideration of the bursary.

NUS STUDENTS’ FUND BURSARY (administered by NUS Students’ Union). Bursaries under this scheme are offered to applicants who are in receipt of the maximum loan quantum under the TFL Scheme and/or CES and/or TTFS and/or a registered government agency (RGA). The quantum of each award is $1,000 per semester and is tenable for a semester. Re-application is required every semester. The recipient may not concurrently hold another scholarship or bursary or free aid without prior approval from NUS Students’ Union. Interested applicants can download the application form from the union’s website at http://www.nusu.org.sg

NOTEBOOK OWNERSHIP SCHEME (administered by Computer Centre). This is a loan scheme to assist students to purchase personal notebook computers so that they can fully exploit IT for learning. The loan is interest-free and the quantum is up to $2,000. The loan must be utilised to purchase any notebook computer model from the current vendors of the NUS notebook tender that is in force at the University. The loan is repayable by instalments up to a maximum repayment period of 30 months. Interested applicants can download the application form at http://www.nus.edu.sg/comcen/notebook/purchase/interestloan.html

Please also visit the OFA website for information on financial aid schemes administered by other NUS offices and external organisations.

For bursaries and loan schemes administered at the various faculties/schools, please refer to the website of the respective faculty/school for details.

CONTACT INFORMATION

Office of Admissions (Attn: Office of Financial Aid)
University Hall, Tan Chin Tuan Wing,
Lower Ground, 21 Lower Kent Ridge Road
Singapore 119077
Tel: +65 6516 2870
Fax: +65 6774 4021
Email: financialaid@nus.edu.sg
Website: www.nus.edu.sg/financialaid
# Admissions Criteria and Application Procedure for Academic Year 2012-2013

The National University of Singapore (NUS) welcomes applicants who have completed or are completing high school and met the respective course requirements to seek admission to our full-time undergraduate courses. In order for us to evaluate your application appropriately, please review the summary table below to determine which qualifications and corresponding application procedures best apply to you.

## Qualifications

<table>
<thead>
<tr>
<th>Qualifications</th>
<th>Application period and closing dates</th>
<th>How to apply</th>
<th>Mode(s) of application fee payment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicants, regardless of nationality, presenting the Singapore-Cambridge GCE A’ Level results</td>
<td>Admission exercise opens 3 working days after the release of the 2011 Singapore-Cambridge GCE A’ Level results in early March and closes on 1 April 2012.</td>
<td>Apply online through the NUS website to be considered for admission to NUS.</td>
<td>DBS/POSBank ATM/ Bank draft/Cheque/Visa or MasterCard/NETS/Internet Banking – $10</td>
</tr>
<tr>
<td>Applicants, regardless of nationality, presenting an acceptable diploma from a Polytechnic in Singapore. Final-semester polytechnic students may apply.</td>
<td>Admission exercise opens on 1 February 2012 and ends on 21 February 2012.</td>
<td>Apply online through the NUS website to be considered for admission to NUS.</td>
<td>DBS/POSBank ATM/ Bank draft/Cheque/Visa or MasterCard/NETS/Internet Banking – $10</td>
</tr>
<tr>
<td>Mature applicants (regardless of nationality) presenting the Singapore-Cambridge GCE A’ Level results and/or an acceptable diploma from a polytechnic in Singapore. In addition, mature applicants would have to present their SAT Reasoning Test results. A mature applicant is one who is at least 25 years of age with at least 4 years of full-time work experience as of 1 July of the admission year.</td>
<td>Admission exercise dates are applicable depending on qualification(s) presented. Please see the above for details.</td>
<td>Apply online based on your qualification(s), through the NUS website to be considered for admission to NUS.</td>
<td>DBS/POSBank ATM/ Bank draft/Cheque/Visa or MasterCard/NETS/Internet Banking – $10</td>
</tr>
<tr>
<td>International applicants presenting international qualifications.</td>
<td>Admission exercise opens on 14 October 2011. The closing date varies depending on the qualifications presented. Please refer to our website.</td>
<td>Apply online through the NUS website to be considered for admission to NUS.</td>
<td>Bank draft/Cheque/Visa or MasterCard/NETS/Internet Banking (if in Singapore) – $20</td>
</tr>
<tr>
<td>1. Singaporeans or Singapore Permanent Residents with International high school qualifications OR</td>
<td>• Qualifications in addition to the Singapore-Cambridge GCE A’ Level results/Diploma from a Polytechnic in Singapore OR 2. Singaporeans or Singapore Permanent Residents who are current and former undergraduates of a foreign university seeking admission or a transfer to NUS OR • University graduates applying for an undergraduate degree course 3. Current or former students from NUS, NTU or SMU seeking a transfer or readmission</td>
<td>Admission exercise opens on 1 February 2012 and ends on 21 February 2012.</td>
<td>DBS/POSBank ATM/Bank draft/Cheque/Visa or MasterCard/NETS/Internet Banking (if in Singapore) – $10</td>
</tr>
<tr>
<td>Applicants presenting the International Baccalaureate diploma.</td>
<td>Admission exercise opens on 14 October 2011 and ends on 21 February 2012.</td>
<td>Apply online through the NUS website to be considered for admission to NUS.</td>
<td>Bank draft/Cheque/Visa or MasterCard/NETS/Internet Banking (if in Singapore) – $10</td>
</tr>
<tr>
<td>Applicants presenting the NUS High School diploma.</td>
<td>Admission exercise for 2012-2013 opens on 21 November 2011 and closes on 31 December 2011.</td>
<td>Apply online through the NUS website to be considered for admission to NUS.</td>
<td>Bank draft/Cheque/Visa or MasterCard/NETS/Internet Banking (if in Singapore) – $10</td>
</tr>
</tbody>
</table>

## Notes:

The NUS website is located at [www.nus.edu.sg/admissions/undergrad](http://www.nus.edu.sg/admissions/undergrad).

Payment by credit card – Only Visa and MasterCard are accepted.

Payment by NETS – Only at the Office of Admissions, NUS.

Payment by cheque or bank draft – Applicant’s name, address and application number should be written clearly on the reverse side. The bank/draft cheque must be made payable to the ‘NATIONAL UNIVERSITY OF SINGAPORE’. Please ensure that it can be cleared by a bank located in Singapore.

Payment by internet banking – Only Singapore-based bank accounts maintained with DBS Bank, United Overseas Bank and Citibank Singapore are accepted.

No cash payment will be accepted.
TESTS AND INTERVIEWS

Students applying for Architecture, Dentistry, Industrial Design, Law, Medicine and Nursing are required to undergo a test and/or interview. Those applying for Concurrent, Double Degree Programmes and Discretionary Admissions, too, may be invited for an interview. Students applying for the courses mentioned above (Architecture, Dentistry, Industrial Design, Law, Medicine and Nursing) are required to submit their actual/forecast result by the respective application closing dates applicable to the qualifications they are offering. Shortlisted candidates will be notified to attend the tests and / or interviews conducted at the University.

Please note that all candidates shortlisted for Yong Loo Lin School of Medicine must submit a portfolio to the School of Medicine before the interview. The portfolio must contain an official testimonial from your junior college or high school, two letters of recommendation, a personal statement (one page), and a resume or list of co-curricular activities (one page). This portfolio will be read by the interviewing team and evaluated by the selection committee.

For more information, visit http://www.nus.edu.sg/oam/apply/local/interviews/BYA-interviews.html#top

TRANSLATION/CERTIFICATION OF SUPPORTING DOCUMENTS

Please submit an English translation for any supporting documents that are not in English. Copies of the original documents are still required. Please do not submit original copies. Prizes or awards certificates will need to be translated into English for applicants who offer the Indonesian Ebtanas or the Vietnamese High School Graduation Examination results.

EXEMPTIONS

If you are successful in your application, you will be admitted to the first year of study at NUS. If you are already pursuing undergraduate studies at an overseas university, you may then seek exemptions by applying to your faculty after you have matriculated as a student. However, there is no guarantee that these exemptions will be granted.

ADMISSION REQUIREMENTS

You will be considered for admission if you meet our minimum eligibility criteria. For details, please refer to the course and subject prerequisites under the respective faculty pages or our website at http://www.nus.edu.sg/oam/apply/apply.html The offer of admission, however, depends on the number of places available and the quality of those competing for a place. Admission is solely within the discretion of NUS.

APPLICANTS, REGARDLESS OF NATIONALITY, PRESENTING THE SINGAPORE-CAMBRIDGE GCE ‘A’ LEVEL RESULTS (CATEGORY A)

To apply, you must

A) Pass at least two subjects at H2 Level and offer either General Paper (GP) or Knowledge & Inquiry (KI) at one sitting.

B) Meet the Mother Tongue Language (MTL) requirement for admission by having one of the following:

- A minimum of D7 for the higher MTL paper taken at the ‘O’ Level examination.
- A minimum of ‘S’ grade for the H1 MTL or General Studies in Chinese.
- A minimum of ‘S’ grade for the H2 MTL paper taken at the ‘A’ Level examination.
- A pass in the MTL ‘B’ Syllabus paper at the ‘A’ Level examination.

If you are unable to fulfil the MTL requirement for admission but satisfy all other admission requirements, you will be admitted on a provisional basis. During your course of study, you will be required to attend the MTL course conducted by the University or attain the minimum requirement as listed above by retaking the MTL paper at the ‘A’ Level examination before you are allowed to graduate. If you have been exempted from MTL by MOE, the MOE approved subject-in-lieu will be considered as your MTL subject.
The following MTL bonus points will be awarded:

- Two bonus points for applicants who have attained at least an E grade in H2 MTLL;
- One bonus point for applicants who obtained at least an A grade in H1 MTL;
- One bonus point for applicants who obtained at least a B grade in H1 General Studies in Chinese; and
- Students offering any combinations of MTL-related subjects are allowed to accumulate the MTL bonus points allocated for each subject, including a combination of H1 MTL and H2 MTLL.

- The cap on bonus points will be three.

The MTL bonus points will be added to the Singapore-Cambridge GCE 'A' Level component for computation. The use of bonus points to gain admission to NUS is similar to the award of bonus points for admission to the Junior College Chinese Language Elective Programme. If you have used the MTL bonus points for admission to the Arts and Social Sciences course, you will have to sign an undertaking at the point of acceptance. For more information, please visit http://www.askadmissions.nus.edu.sg/app/answers/detail/a_id/21/kw/mother%20tongue

DISCRETIONARY ADMISSION

Up to 10% of vacancies will be set aside for consideration of exceptional candidates for admission to NUS. For such candidates, other factors besides grades will be taken into consideration. The following are some samples of exceptional achievements that the University may take into consideration:

- Medal winner at the International Olympiads (Biology, Chemistry, Informatics, Mathematics and Physics)
- Winner in the National Science & Talent Search
- Represented Singapore in Arts and/or Sports
- Active participation in community service and volunteer programmes
- Work experience relevant to the course applied for (supporting document(s) is/are required)
- Key leadership positions in community organisations, sports and athletic clubs, etc. (outside school)

In addition, applicants can provide information on awards/ honours that they have won. If candidates wish to be considered under this scheme, they should provide the details in the ‘Discretionary Admissions’ section in the online application form. They should follow up by sending supporting documents to NUS. Please note that
if the ‘Discretionary Admissions’ section in the online application form is not filled in, applicants will be deemed as not interested for consideration under this scheme.

**ADMISSION REQUIREMENTS FOR OLD ‘A’ LEVEL CURRICULUM**

Candidates taking the old ‘A’ Level Curriculum (i.e. ‘A’/‘AO’ subjects) will not be disadvantaged when they apply for admission in 2012.

For more information, visit [http://www.nus.edu.sg/oam/apply/local/alevel2/BYA-alevel2.html](http://www.nus.edu.sg/oam/apply/local/alevel2/BYA-alevel2.html)

**MATURE APPLICANTS, PRESENTING THE SINGAPORE CAMBRIDGE GCE ‘A’ LEVEL RESULTS AND/OR AN ACCEPTABLE DIPLOMA FROM A POLYTECHNIC IN SINGAPORE, IN ADDITION TO SAT REASONING TEST SCORES**

A mature applicant is one who is at least 25 years of age with at least 4 years of full-time work experience as of 1 July of the admission year. Applicants should apply under the respective categories depending on the qualification(s) presented. Please refer to [http://www.nus.edu.sg/oam/apply/local/applications/WYA-applications.html](http://www.nus.edu.sg/oam/apply/local/applications/WYA-applications.html) for the listing of categories.

**COMPUTATION OF UNIVERSITY SCORE**

The University Score is calculated using a T-score formula, which is computed as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT Reasoning Test</td>
<td>50%</td>
</tr>
<tr>
<td>Content Proficiency</td>
<td>25%</td>
</tr>
<tr>
<td>Experience and Motivation</td>
<td>25%</td>
</tr>
</tbody>
</table>

**CONSIDERATION OF SAT REASONING TEST**

SAT Reasoning Test scores are compulsory. They must be submitted before 1 April of the admission year. Those without these scores will not be considered for admission. The best combined score in the five years leading up to 1 April of the admission year will be taken into consideration. For applications closing on 1 April 2012, the Test must be taken between 1 April 2007 to 1 April 2012. Applicants may not submit verbal and mathematics scores from across sittings.

**CONTENT PROFICIENCY**

Content proficiency refers to performance in the Singapore-Cambridge GCE ‘A’ Level examination and/or studies at a Polytechnic in Singapore.

**EXPERIENCE AND MOTIVATION**

Experience is limited to full-time working experience only. It is not necessary for applicants to have worked continuously for the same company or organisation for four years. For more information, visit [http://www.nus.edu.sg/oam/apply/local/admissionreq/BYA-admission.html](http://www.nus.edu.sg/oam/apply/local/admissionreq/BYA-admission.html)

**APPLICANTS, REGARDLESS OF NATIONALITY, PRESENTING AN ACCEPTABLE DIPLOMA FROM A POLYTECHNIC IN SINGAPORE (CATEGORY B)**

To apply, you must

A) Present a Diploma from a Polytechnic in Singapore, which must be acceptable for the course(s) applied for. Please refer to [http://www.nus.edu.sg/oam/apply/local/prerequisites/BYA-prerequisites.html](http://www.nus.edu.sg/oam/apply/local/prerequisites/BYA-prerequisites.html) for more details. You must also submit all your results from your course.

B) Submit your Singapore-Cambridge GCE ‘O’ Level results.
Students in their final year of study at the Polytechnic can apply with their results obtained from their first 5 semesters of study. Final semester polytechnic students who are offered admission will be given a provisional offer and they will be required to submit their final semester results as proof of successful completion of their diploma course.

**MATURE APPLICANTS**

A mature applicant is one who is at least 25 years of age with at least 4 years of full-time work experience as of 1 July of the admission year. Please refer to the previous page for details.

**INTERNATIONAL APPLICANTS PRESENTING INTERNATIONAL QUALIFICATIONS (CATEGORY D)**

To apply, you must have completed or are completing high school, that is, at least twelve years of general education.

Please refer to [http://www.nus.edu.sg/oam/apply/international/admissionreq/BYA-admissionreq.html#qualification](http://www.nus.edu.sg/oam/apply/international/admissionreq/BYA-admissionreq.html#qualification) for the admission requirements and application closing date applicable to your high school qualification. Please note that for some qualifications, additional requirements such as TOEFL/IELTS OR SAT Reasoning Test (SAT I) AND SAT Subject Tests (SAT II) scores are applicable. Unless otherwise specified in the website, your complete application must reach the Office of Admissions by the application closing date.

For more information, please refer to our website: [http://www.nus.edu.sg/oam/apply/international/admissionreq/BYA-admissionreq.html](http://www.nus.edu.sg/oam/apply/international/admissionreq/BYA-admissionreq.html)

**ENGLISH LANGUAGE REQUIREMENT**

For certain qualifications, applicants are required to furnish additional English Language test scores to fulfil the English Language requirement set by the university. For information on our English Language requirement, please visit [http://www.nus.edu.sg/oam/apply/international/admissionreq/BYA-admissionreq.html#englishreq](http://www.nus.edu.sg/oam/apply/international/admissionreq/BYA-admissionreq.html#englishreq)

**UNIVERSITY ENTRANCE EXAMINATION (UEE)**

NUS conducts a University Entrance Examination (UEE) for selected applicants presenting certain qualifications to assess their suitability for admission to its undergraduate courses in each Academic Year. Shortlisted candidates will be considered for admission based on their performance at the UEE and at the sole discretion of the university. Unless invited, candidates will not be allowed to take or appeal to take the UEE.

The UEE will be conducted in February/March in Indonesia, Vietnam and Singapore.

For more information, please visit [http://www.nus.edu.sg/oam/uee/index.html](http://www.nus.edu.sg/oam/uee/index.html)

**COMPUTATION OF UNIVERSITY SCORE**

The University Score is computed using a T-score formula, as follows:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Polytechnic results</td>
<td>80%</td>
</tr>
<tr>
<td>Singapore–Cambridge GCE ‘O’ Level results</td>
<td>20%</td>
</tr>
</tbody>
</table>

With effect from AY2007-2008, CCA PEARLS and CCA-NS PEARLS points are no longer taken into consideration for computation of the University Score. SAT Reasoning Test scores too, are no longer considered for applicants applying from 2006 onwards.

**DISCRETIONARY ADMISSION**

Up to 10% of vacancies will be set aside for consideration of exceptional candidates for admission to NUS. Please refer to the page 116 for details.

**ACCEPTABLE POLYTECHNIC DIPLOMAS**

For a list of acceptable Polytechnic Diplomas, please visit [http://www.nus.edu.sg/oam/apply/local/prerequisites/BYA-prerequisites.html](http://www.nus.edu.sg/oam/apply/local/prerequisites/BYA-prerequisites.html)

For more information, please visit [http://www.nus.edu.sg/oam/apply/local/poly/BYA-poly.html](http://www.nus.edu.sg/oam/apply/local/poly/BYA-poly.html)
SAT REASONING TEST

The SAT Reasoning Test consists of 3 Sections, Critical Reading Section, Writing Section and Mathematics Section. The minimum acceptable Reasoning Test scores are 600 for the Critical Reading Section, 600 for the Writing Section, and 650 for the Mathematics Section. All 3 Sections (i.e. Critical Reading Section, Writing Section and Mathematics Section) have to be taken in one sitting. Mixing and matching of different sections scores from various sittings cannot be accepted.

SAT SUBJECT TESTS

The SAT Subject Tests consist of 3 Subjects Test. Compulsory subjects for the Subject Tests include:

- Mathematics Level II ▲
- A second subject of your choice (excluding Mathematics Level I)
- A third subject of your choice (excluding Mathematics Level I)

▲ Mathematics Level II is a compulsory subject for all courses except Law. Applicants applying for admission to Law may take Mathematics Level I in lieu of Mathematics Level II.

The second and third subjects should be chosen based on the subject prerequisites of the courses you are applying for at NUS. For example, if you are applying for Chemical Engineering, you will need to choose Physics and Chemistry. If, however, you are applying for Business Administration, you may choose any subject except Mathematics Level I.

The 3 subjects can be taken in no more than two sittings, but within the period of one year. All other combinations or mixing of scores cannot be accepted.

Please note that the old test format (SAT I & II) and the new test format (Reasoning Test and Subject Tests) cannot be combined. The validity of scores is five years, e.g. for applications closing on 1 April 2012, the validity period is from 1 April 2007 to 1 April 2012 (both dates inclusive).

No minimum Subject Test scores have been stipulated.

Please note that IELTS/TOEFL will not be required if applicants wish to apply for Economics & Law/Law if they are presenting the SAT Reasoning Test and SAT Subject Test as their basis for admission.

Visit http://www.nus.edu.sg/oam/apply/internationaladmissionreq/BYA-admissionreq.html for information on SAT requirements. For information on SAT tests, please visit http://www.collegeboard.com Our institution code is 3720.
INTERNATIONAL BACCALAUREATE (IB) – APPLICANTS, REGARDLESS OF NATIONALITY, PRESENTING THE INTERNATIONAL BACCALAUREATE (IB) DIPLOMA

To apply, you must present either
A) November 2011 or earlier IB examination session results
B) May 2012 IB examination session results

Students taking the May 2012 IB examination should apply with the following:
- Forecast International Baccalaureate (IB) results as attested by high school
- High school results
- SAT Reasoning and Subject Tests scores (applicable to students applying for Medicine and/or Dentistry course)

May 2012 exam candidates who wish to have an early consideration before the release of IB results in July 2012 should submit both SAT Tests’ scores for their application.

Some students may be subjected to the Mother Tongue Language (MTL) requirement for admission. Please refer to http://www.nus.edu.sg/oam/apply/local/ib/BYA-ib.html for more details.

DISCRETIONARY ADMISSION

Up to 10% of vacancy will be set aside for consideration of exceptional candidates for admission to NUS. Please refer to page 116 for more details.

NUS HIGH SCHOOL – APPLICANTS, REGARDLESS OF NATIONALITY, PRESENTING THE NUS HIGH SCHOOL OF MATHEMATICS AND SCIENCE DIPLOMA

To apply, you must
A) Present the NUS High School of Mathematics and Science Diploma
B) Meet the Mother Tongue (MTL) requirement for admission by having one of the following:
- A minimum of D7 for the higher MTL paper taken at the ‘O’ Level examination
- A minimum of ‘S’ grade for the H1 MTL paper or General Studies in Chinese
- A minimum of ‘S’ grade for the H2 MTL paper taken at the ‘A’ Level examination
- A pass in the MTL ‘B’ Syllabus paper at the ‘A’ Level examination

Candidates who are unable to fulfil the MTL requirement for admission but satisfy all other admission requirements will be admitted on a provisional basis. During their course of study, they will be required to attend the MTL course conducted by the University or attain the minimum requirement as listed above by retaking the MTL paper at the Singapore-Cambridge GCE ‘A’ Level examination before they are allowed to graduate. If a candidate is exempted from MTL as approved by MOE, the MOE approved subject-in-lieu will be considered as the MTL subject.

DISCRETIONARY ADMISSION

Up to 10% of vacancy will be set aside for consideration of exceptional candidates for admission to NUS. Please refer to page 116 for more details.
Please log on to our website at www.askadmissions.nus.edu.sg for answers to most frequently asked questions on undergraduate admissions.

Our other contact details are:

**Office of Admissions**
National University of Singapore
University Hall, Tan Chin Tuan Wing
Level Lower Ground
21 Lower Kent Ridge Road
Singapore 119077

General Enquiries Line: +65 6516 1010
Fax: +65 6778 7570

Photographs in this prospectus were taken by The Photographic Society of NUS (Ken Chua Jun Rong, Joseph Sng Guan Ling and Eric Lim Chun Jie) and contributions from various faculties/schools. All information contained is correct at the time of printing in February 2012.

Updates, if any, will be posted on our website.
Co. Registration No. 200604346E