



The University of
Nottingham

UNITED KINGDOM · CHINA · MALAYSIA

For general enquiries
please contact:

t: +60 3 8924 8000

f: +60 3 8924 8005

w: www.nottingham.edu.my/make-an-enquiry



The University of
Nottingham

UNITED KINGDOM · CHINA · MALAYSIA

The University of Nottingham Malaysia Campus

Undergraduate Prospectus 2014/15

www.nottingham.edu.my



Welcome to the world of Nottingham

Top

1%

of universities worldwide

Ranked 75th in the QS World University Rankings 2013.

A world top

25

choice for employers

According to the QS World University Ranking by Employer Reputation 2012

2

international campuses in China and the UK

Renowned for our commitment to teaching and learning, we are one of the world top 75 universities*. Recognised globally for teaching excellence, acclaimed for our life-changing research and home to students from all over the world, The University of Nottingham is an inspiring place to study and work.

Since opening, The University of Nottingham Malaysia Campus (UNMC) has welcomed students from across the globe and gained a reputation for world-class research and teaching in arts, engineering, science and social science.

* Ranked 75th in the QS World University Rankings 2013.

In 2000 we became the first British university to set up a campus both outside of the UK and in Malaysia, earning The University of Nottingham the Queen's Award for Enterprise 2001 and the Queen's Award for Industry (International Trade) 2006.

Over

200,000

alumni from across the globe

Alumni from our UK, China and Malaysia Campuses.

Almost

5,000

students from 70 countries study at UNMC

Nobel prize winning academics

University of Nottingham academics have won Nobel Prizes twice since 2003.

Access to a world-class UK education

All our degrees are taught in English and all students graduate with the same degree and same certificate, regardless of which campus they study at.

A Tier 5 'Excellent' institution

Rated in the SETARA'11 review of Malaysian higher education institutions.

Worldwide study abroad opportunities

at our campuses in China and the UK and at partner universities across the globe.

Contents

Teaching excellence	5	Arts and Social Sciences	43
World-changing research	7	Applied Psychology	45
On campus	9	Business	49
Student life	11	Economics	57
Sporting opportunities	13	Education	61
Supporting your future	15	English	65
Your support network	17	Modern Languages and Cultures	69
Accommodation	19	Politics, History and International Relations	73
International students	21		
Our international campuses	23	Engineering	79
Overseas study	25	Chemical and Environmental Engineering	81
English language support	27	Civil Engineering	85
Scholarships	29	Electrical and Electronic Engineering	89
See for yourself	31	Mechanical, Materials and Manufacturing Engineering	95
Foundation programmes	33	Science	99
Foundation in Arts and Education	39	Biomedical Sciences	101
Foundation in Business and Management	39	Biosciences	105
Foundation in Engineering	40	Computer Science	111
Foundation in Science	40	Pharmacy	117
		Psychology	123
		How to apply	127
		Where to find us	129
		Index	131

Front cover: Undergraduate students, Dinusha and Iqbal, talking in front of the fountain in the central courtyard.



Undergraduate students working on an assignment together in the library.

An internationally recognised UK degree

All degrees offered by The University of Nottingham Malaysia Campus are official University of Nottingham degrees and are subject to the same quality assurance processes as those offered in the UK. You will graduate with a degree from The University of Nottingham, irrespective of the campus at which you completed your programme, be it in the UK, China or Malaysia.

You will receive a UK-style education and all our degree programmes and coursework materials are taught in English. All assignments and examinations are also submitted in English.

Academic excellence

Our academic staff are selected on the basis of their excellence in teaching and research. While some come straight from The University of Nottingham, UK, others are appointed in open international competition. We apply the same high standards for staff appointments across all of our campuses.

Quality courses

We offer a comprehensive and varied choice of courses, catering to students at all levels, through foundation, undergraduate and postgraduate to PhD. Our courses span a range of disciplines and subjects across arts and social sciences, engineering and science. Many of our degrees are accredited by international professional bodies such as the Association of MBAs, the UK Engineering Council and the General Pharmaceutical Council (UK), proving that our programmes are internationally tested for quality.

Our undergraduate and postgraduate taught programmes provide a structured framework for study. They are based upon a programme of lectures, seminars and tutorials and normally include compulsory core modules and the opportunity to select a number of optional modules.

These courses aim to equip you with a curiosity-driven and deep understanding of your subject, as well as a critical approach and skills relevant to your future career.

Our teaching is informed by the very latest research findings and our courses constantly evolve to incorporate new research developments, with many delivered by research scholars passionate about their subjects. We also regularly consult with businesses and employers to ensure our programmes provide you with the opportunity to develop key transferable skills for employment.

How you are taught

As an international university we pride ourselves on generating graduates with global attributes for the global workplace. Our student-centred style of learning equips you with the skills and analytical abilities necessary to thrive in business and industry.

Our teaching and learning opportunities are directly informed by cutting-edge research. Course activities are enriched by guest lectures from visiting scholars, research seminars, workshops and student conferences. Classes are led by tutors who are actively involved in extending the boundaries of our knowledge, and who seek to promote a community of learning in which undergraduate and postgraduate teaching feeds directly into a collective and collaborative intellectual endeavour.

All of our courses are taught using a variety of teaching and assessment methods. This can include lectures, workshops, seminars and smaller study groups. The relatively small size of our student body allows for a more intimate teaching and learning experience, with academics readily approachable to provide further one-to-one support where needed. In addition, our personal tutorial system gives you access to an academic member of staff to assist you in any non-academic issues that you might face during your time at University.

www.nottingham.edu.my/teachingandlearning

Teaching excellence

At Nottingham, we have an outstanding reputation for teaching quality. Our commitment to maintaining excellence in the provision of learning and teaching ensures that the University is consistently among the highest ranking performers in independent teaching assessments.*

* The SETARA review of Malaysian higher education institutions and the Quality Assurance Agency (QAA) for Higher Education's independent review of teaching quality in the UK.



Undergraduate students in an international communications studies lecture.

World-changing research

Nottingham is internationally renowned for its world-changing and award-winning research. In Malaysia, the University utilises the unique environment to undertake internationally leading research that will not only have an impact nationally but will influence and inform many disciplines globally.

Research priority areas

Our position among other UK institutions is unique. We are able to call upon a strong research base in the UK and China and we also have the opportunity to carry out leading-edge research which is simply not possible in the UK. The University is dedicated to attracting and retaining the highest calibre of staff and maintaining the high quality of its facilities and resources. It's these attributes which have placed Nottingham as one of the world's top ranking universities.

Wide-reaching, multidisciplinary research is delivered by all our faculties at The University of Nottingham Malaysia Campus. We currently have 13 priority areas which complement the University's global priorities while representing those that are unique to Malaysia and Southeast Asia:

- Aerospace Studies
- Autism Research in Malaysia
- Business Innovation and Productivity
- Communications and Cultures
- Cross-Cultural Occupational Health
- Drug Discovery and Delivery
- Food and Bioproduct Processing
- Green Technologies
- Intelligent Computation
- Nanotechnology and Advanced Materials
- Post-Harvest Biotechnology
- Renewable Energy
- Sustainable Crops

Research highlights

Research in Malaysia takes place against a background of excellence at Nottingham: the latest UK Research Assessment Exercise found that 90% of Nottingham's research is of an international standard and 60% is world-leading or internationally excellent.

We provide extensive support for our staff through initiatives such as the Early Career Research Network, which aims to create a multidisciplinary environment for academic activity.

The Crops for the Future Research Centre is an international joint venture which investigates underutilised crops. It is hosted in a custom-built research facility next to The University of Nottingham Malaysia Campus.

Other research highlights include drug discovery and delivery, an elephant conservation programme, food drying and processing, green technologies, media monitoring, natural products to protect fruit and increase shelf life, and sustainability of the environment.

Find out about our research and knowledge transfer activities:
blogs.nottingham.ac.uk/malaysiaknowledgetransfer

www.nottingham.edu.my/research



Undergraduate pharmacy students working in the pharmaceuticals laboratory.

On campus

Combining beautiful gardens, striking architecture and state-of-the-art learning and research facilities, our university is an inspirational place to live, work and study.

A strong sense of community

The University of Nottingham Malaysia Campus is characterised by its strong sense of community, created by approachable staff, a welcoming student body, excellent support services and a wide range of activities to help you meet new people and feel at home.

A truly Malaysian setting

The University of Nottingham Malaysia Campus is based on a self-contained site near Semenyih in the state of Selangor, 30 kilometres from Malaysia's capital city, Kuala Lumpur. Rolling hills and lake views provide a stunning backdrop to our green and tranquil campus. The beautiful setting and state-of-the-art teaching, learning, research and leisure facilities combine to make an inspirational environment for studying and student life.

Transport is available from the campus to the nearest bus and rail stations providing easy access to Kuala Lumpur and the surrounding region. Kuala Lumpur International Airport is just a 30-minute drive away, making it an ideal base from which to explore locally and further afield.

Amenities for your convenience

Our self-sufficient campus provides students and staff with a range of amenities. Facilities include 24-hour computer access, convenience stores, vending machines, a book shop, ATMs, an extensive library, a sports complex, an Islamic Centre, a health centre and a creche.

Eat, drink and socialise

The campus has an indoor and outdoor food court based in the Student Association, which has been recently renovated, providing a wide choice of food for all tastes, including Malay, Chinese, Indian and Western. The Administration Building houses Central Cafe, which offers a range of sandwiches, snacks and hot and cold beverages. The University has also invested money in creating social and learning hubs for students in the newly renovated Student Association Building, as well as at other locations around campus. These are perfect places to relax and catch up with friends.



A group of students comparing study notes at the fountain.

Student life

You will find our campus vibrant and welcoming with lots of events and activities to interest you. The Student Association provides many opportunities to enhance your university life, and our facilities enable you to socialise, participate in activities and take a break from academic life.



Undergraduate students enjoying leisure time.

Student Association

As a student at the University, you are automatically a member of the Student Association (SA), which focuses on student experience at The University of Nottingham Malaysia Campus (UNMC) and also acts as the voice of the student community to University management.

The SA encourages you to get to know your peers and get involved with the wide range of events and activities organised by the SA Executives and its clubs and societies, beginning with Freshers' Week for new students.

The SA receives an annual grant from the University in order to offer activities and improve equipment and facilities for students. We also have the authority to raise additional funds from profits made by running activities, and via business ventures run by students such as the merchandise shop Nott A Shop.

Becoming involved with the SA is a great opportunity for you to get more involved in student life at UNMC. It will give you the opportunity to directly contribute to the student voice and is a great way to enhance your CV.

Student Association Executive Committee

The SA is run by an Executive Committee of 10 elected full-time student volunteers holding various portfolios to serve the student community. The Executive Committee aims to improve the experience of student life by providing representation, development opportunities and quality services for all our students. It also has a Postgraduate Officer who is a non-voting member, overlooking the Postgraduate Student Association (PGSA). No matter what your level of study, your student experience will be taken care of by your elected peers from the time you step into UNMC until the day you graduate.

Each committee member has a tenure of 10 months. There are also three staff members who act as advisors to the Executive Committee and the overall running of the SA services.

Positions held by the Executive Committee include:

- Activities Officer
- Communications Officer
- Diversity and Environment Officer
- Education Officer
- Finance Officer
- Internal Affairs and Democracy Officer
- President
- Postgraduate Officer (non-voting)
- Societies Officer
- Sports Officer
- Welfare Officer

Freshers' Week

The SA aims to provide all new students with a fun-filled Week One experience. During Week One you can enjoy various events designed to welcome you to the University, make new friends and experience the diversity of the University. Past activities have included ice-breaking sessions, karaoke, campus-wide treasure hunts, cabaret, bowling, BBQ nights, music jamming sessions and much more.

Clubs and societies

The SA has over 60 clubs and societies spanning a range of areas including academic, arts, cultural, international affiliated societies, religion, social, special interests and sports. It is highly recommended that you become a member of one or more of our clubs and societies to build up your resume and for your own self-development. Most charge an annual fee of between RM10 to RM20 depending on the nature of the club or society. During the second week of the first semester there is a Clubs and Societies Fair where you can see what they have to offer and sign up as a member.

Networks

To make sure your opinions and interests are represented to the University, the SA has networks which fall under the specific portfolios of the elected executive officers. By bringing matters concerning the improvement of student life to the University management, these networks ensure that your voice is heard.

The networks under the various executive officers are:

- **Activities Officer** – Events, Freshers' Week, Spring Ball
- **Communications Officer** – Equipment Management Team, Notice Boards Team, Nottingham University Television Studio, PR Team, Website Team
- **Diversity and Environmental Officer** – Student Environment and Equality Network, International Students' Bureau
- **Education Officer** – Education
- **Finance Officer** – Finance Committee, Nott A Shop Team
- **Internal Affairs and Democracy Officer** – Elections Committee
- **Welfare Officer** – Accommodation, Food, Transport, Health and Security

Find out more about the Student Association at w: sa.nottingham.edu.my



Sporting opportunities

As well as an excellent academic reputation, Nottingham is well known for its sporting success.

Sports facilities

The University of Nottingham Malaysia Campus boasts an impressive range of sports facilities which are free to all students and staff.

Indoor facilities include courts for badminton, basketball, futsal, netball, squash and volleyball; a fully-equipped gymnasium; and a multi-purpose room with table tennis equipment. Outdoor facilities include astro turf with seven-a-side football and hockey pitches; a jogging track; a multipurpose field with two football and cricket pitches; a multipurpose court suitable for basketball, futsal and volleyball; and two tennis courts.

We also have a 25m outdoor swimming pool with mixed gender, male only, women only and staff only sessions.

Find out more:
www.nottingham.edu.my/sport

Sports clubs

The Student Association (see page 12) supports many sports clubs that you can join during your time with us. These include clubs for badminton, basketball, cricket, dance, dodgeball, football, golf, hockey, martial arts, netball, rock climbing, rugby, squash, swimming, table tennis, tennis, track and field, ultimate frisbee and volleyball.

Tri Campus Games

Unique within higher education, our Tri Campus Games see students from each of our Nottingham campuses – China, Malaysia and the UK – competing against each other in several sports. The Games involve nearly 200 students from more than 20 nationalities and are held on a different campus each year. The Malaysia Campus successfully hosted the 5th Tri Campus Games in June 2013. The 6th Tri Campus Games in 2014 will be hosted at our campus in Ningbo, China.

Get involved in the games through one of the Student Association sports clubs or come along and show your fellow students your support!

Students playing badminton in the Sports Centre's indoor facilities.

Career development

The Careers Advisory Service (CAS) can play an important role in your development. Our services will provide you with essential resources and guidance in your career choices and offer many opportunities for you to develop the skills needed to plan and manage your future.

Advice and resources

We provide practical hands-on advice on aspects such as writing a resume, interview skills and job hunting. You will also have access to a wealth of online resources on topics such as applying for jobs, choosing your career, getting in to work, interviews and tests, further study, taking a year out, and work experience and volunteering. As a graduate of The University of Nottingham you can also gain access to dedicated online careers resources for alumni.

Employment opportunities

At CAS we can help you identify potential job opportunities as well as graduate schemes and internships. We can support you with making your applications and also advise you in finding part-time work during your studies and volunteer opportunities to enhance your CV, experiences and skill set.

Events

We organise a number of events, including careers fairs and careers talks, which provide invaluable opportunities to meet potential employers from a large number of national and international companies. We also arrange company presentations, field trips, networking events and roadshows.

Employers we work with

We maintain close links and enjoy excellent relationships with potential employers. More than 250 employers have approached us through various on-campus recruitment activities, including Accenture, BDO, CIMB Bank, Deloitte, Ernst & Young, Frost and Sullivan, GlaxoSmithKline, Hilti, IBM, KPMG, Nestle, P&G, PwC, Roland Berger, Shell and Western Digital. We also work closely with our colleagues at our campuses in the UK and China to develop global employer relations.

Find out more at www.nottingham.edu.my/careers



Research shows that Nottingham is the 2nd most often targeted by Britain's leading graduate employers*

* *The Graduate Market in 2013*, High Fliers Research.

"Although I've left the University my relationship is ongoing. The alumni community is a great friendship group... It's very important to keep the Nottingham alumni network going and it's a lifelong association. There are lots of opportunities to be found in what is a global network of former students."

Jonathan English, graduated 2004

Our alumni

Graduates of The University of Nottingham automatically become members of our global alumni community which currently numbers 200,000 worldwide. There are a whole host of services available to you as a Nottingham alumnus, including lifelong access to the Careers Advisory Service, master classes, mentoring programmes, social networking events and talent road shows.

Alumni and Donor Relations Office

A new Alumni and Donor Relations Office was set up on the Malaysia Campus in 2013, signaling the University's intentions to further service its alumni and extend their Nottingham experience beyond their time spent on campus. Alumni are encouraged to get in touch with us to find out how they can be an active part of a rich and exciting network of individuals.

Find out more at www.nottingham.edu.my/alumni



Alumni Online

You can also join our online alumni community to find and stay in touch with friends, find out about the latest exclusive alumni events, gain access to social networking sites, subscribe to newsletters and access the Alumni Exchange Magazine: www.alumni.nottingham.ac.uk/netcommunity

Notable alumni

We're proud of the contribution our graduates make to society. Here's what some of them have gone on to do:

- **Dr Stewart Adams OBE** – pharmacologist and creator of the painkiller ibuprofen
- **Sir Clive Granger** – economist and Nobel Prize Winner
- **DH Lawrence** – author
- **Judith McHale** – former Under-Secretary of State in the US Obama Administration
- **Sir Andrew Witty** – CEO GlaxoSmithKline and Chancellor of The University of Nottingham
- **John Rishton** – CEO Rolls-Royce
- **Sir John Sawers** – Head of MI6, UK
- **Brian Moore** – former England rugby union international and broadcaster
- **Deng Yaping** – China's Sporting Star of the Century
- **DYMM Sultan Azlan Muhibuddin Shah Ibni Almarhum Sultan Yussuf Izzuddin Shah Ghafarullahu-lah** – Sultan of Perak, Malaysia
- **YAB Dato' Sri Mohd Najib Bin Tun Haji Abdul Razak** – Prime Minister of Malaysia
- **YBhg Tan Sri Datuk Stephen Yong** – former Minister of Science, Technology and Environment, Malaysia
- **YABhg Tun Dato' Seri Hamdan Bin Sheikh Tahir** – former General Director of Education, Malaysia, Yang di-Pertua Negeri Pulau Pinang and Ambassador of Malaysia to UNESCO

Supporting your future

At The University of Nottingham we not only support you during your studies, we also support you in planning a career and throughout your life after graduation.



Undergraduate students receiving careers advice at the Careers Advisory Service.

Your support network

At The University of Nottingham Malaysia Campus we understand it can take time to adjust to living and studying in a new environment. We provide a number of dedicated services designed to help you with the transition to university life.

Business and economics students socialising on campus.

Health and wellbeing

In addition to the many opportunities available to students to enhance their life on campus, we also hold the health and wellbeing of our students in high regard.

University Health Centre

The campus houses the University Health Centre where students and staff can seek medical advice and consultation. Highly trained staff at the centre can also dispense medicines and arrange for laboratory tests and referrals where necessary.

Counselling and mental health

We also provide support for students through University Wellbeing and Learning Support, a free and confidential service which provides emotional support for any student who may be experiencing difficulties or worries. Our professionally qualified counsellors and psychologists can help you cope with a range of issues, counselling you through personal problems, mental health concerns, relationship circumstances and academic or work-related situations.

Disability and learning support

At The University of Nottingham Malaysia Campus we are strongly committed to the equality of opportunity in our provisions for all of our students. Our campus has been designed so that it is accessible to all students. If you are a student with a physical disability, dyslexia or a long-term medical condition, our disability service, offered through the University Counselling Service, provides support, advice and assistance on a range of matters. These include queries regarding admissions and registration, residential accommodation, assessments and adjustments to the learning, teaching and assessment environment, and access to alternative formats.

Faith provision

Prayer rooms are available 24-hours-a-day for Muslim students on the ground floor of the Computer Centre and within the Islamic Centre. The nearest mosque is in Semenyih and a free bus service is provided for Muslim students for Friday prayers around lunchtime. Buddhist, Christian and Hindu places of worship can be found in nearby Semenyih. The University facilities are also available to support and host these activities.

Find out more about health and wellbeing provisions at www.nottingham.edu.my/wellbeing

Academic and practical support

Student Services Centre

The Student Services Centre is located in the Student Association Building. It is a one-stop-shop centre to help you with university-related administration, such as accommodation, campus services, finance, sponsorship, support services, and registry and visa issues. For faculty matters you will need to visit your faculty office.

Academic and personal tutoring system

To help you in your academic studies we provide you with a personal tutor, who is usually a member of the academic staff involved in the teaching of your course. At the start of each semester you will meet with your personal tutor and may turn to them for advice and help on all academic related matters.

English language support

The Centre for English Language Education provides English language support for all students who need it through our insessional classes, which are free of charge (see page 27).

Student registry

The Student Registry Office oversees administrative matters that concern students, including issuing letters, processing withdrawal and suspension applications, producing official transcripts and certificates, maintaining the student records database, updating student details, setting the academic calendar, and managing and updating course information.

Library resources

The library at the Malaysia Campus has a comprehensive collection of materials to meet the taught courses offered by the University, with generous allocations in developing resources required for research purposes. The library also has a wide spectrum of electronic and information resources, including subject-based reference enquiry services, internet subject gateway services and subject focused academic support services. Electronic resources are accessible not only via the networked computers within the campus but also remotely with appropriate security authentication.

Find out more at www.nottingham.edu.my/is/libraryservices

IT services

IT services on campus include: computer rooms; email and electronic storage provisions; print, copy and scanning facilities; hardware and software support; student portals to access study materials; and video conferencing facilities.

Find out more at www.nottingham.edu.my/is/itservices

Accommodation

Finding the right place to live while you study is an important consideration in your choice of university. Our Accommodation Office is here to offer a free and friendly service in helping you find a place to live that not only suits your needs but lets you get on with University life – both studying and having fun.

Students chatting near the halls of residence.

On-campus accommodation

We offer various categories of rooms to suit a range of budgets within our halls of residence. These are within easy walking distance to the academic areas, food and leisure facilities. They range from single en suite to four share bedrooms and include our brand new halls of residence opened in 2013. Each hall offers fully furnished bedrooms and a warden or tutor who is responsible for your welfare.

The following facilities are available at the halls of residence.

- Cleaning services
- Laundry and laundrette
- Pantry facilities
- Repair and maintenance services
- Wifi and an internet point in each room

Accommodation fees include utilities and internet connection. Students in rooms with air-conditioning will be charged monthly for air-conditioning usage based on a meter reading. Please see the table below for room types and rental rates.

Room types	Rental per student*
Deluxe single en suite bathroom with air-conditioning	RM850 per month
Single en suite bathroom with air-conditioning	RM680 per month
Single shared en suite bathroom with air-conditioning	RM615 per month
Single shared en suite bathroom	RM510 per month
Single shared bathroom in five room flat with air-conditioning	RM585 per month
Single shared bathroom in five room flat	RM480 per month
Twin shared in six bed flat	RM455 per month
Four shared bedroom	RM395 per month
Double decker shared en suite bathroom with air-conditioning	RM470 per month
Double decker shared en suite bathroom	RM415 per month

* The printed accommodation rates are based on 2013/14 rates and are subject to change without prior notice.

How to apply

Upon successful application to the University you will receive your accommodation form by email/courier together with your offer letter. To apply for accommodation you must complete the accommodation form and fax, email or post it to the Accommodation Office. We will make the accommodation offer to you via email.

The Accommodation Office will only consider the application for on-campus accommodation upon confirmation of acceptance of the offer to study and upon receipt of the acceptance fees. Rooms are allocated on a first come first served basis, based on the accommodation allocation policy and subject to room availability.

Off-campus accommodation

Should the on-campus accommodation be unavailable, you may choose to live in off-campus accommodation at Taman Tasik Semenyih (TTS). TTS is located 2km from the main entrance of the campus. We provide a shuttle bus service between TTS and the campus that takes around 5-10 minutes. There is also a bridge linking TTS to the campus.

The off-campus accommodation is privately owned and managed, and not run by the University. The Accommodation Office will provide you with details of the off-campus accommodation if you are unable to reside in on-campus accommodation. Please be aware that if you opt to reside in off-campus accommodation it is a private arrangement between yourself and the off-campus accommodation manager.

Please visit our website for further information on your accommodation options or contact the Accommodation Office.

t: +60 3 8924 8640/8924 8649

f: +60 3 8924 8657/8924 8002

e : accommodation@nottingham.edu.my

w: www.nottingham.edu.my/accommodation

Welcome to Malaysia

Covering an area of 127,350 square miles, Malaysia consists of two regions separated by the South China Sea: Peninsular Malaysia and Malaysian Borneo (also known as West and East Malaysia respectively). Peninsular Malaysia extends south-southeast from the border of Thailand. Malaysian Borneo consists of the States of Sabah and Sarawak which is located on the northwestern coastal region of the island of Borneo. The country's population is over 28.7m to date.

Malaysia is a country with a mixture of cultures based around its main ethnic group. Along with the traditions of the native Orang Asli and East Malaysian tribes there are three main races: Malay, Chinese and Indian. These cultural traditions are further enhanced by the influence of the British, Dutch, Portuguese and Thais.

As a visitor to Malaysia, you will discover a wide range of customs and practices and get to experience a delicious array of culinary delights. You can visit pristine beaches with some of the world's best snorkelling and diving, rainforests teeming with exotic plants and wildlife unique to the region, and beautiful UNESCO World Heritage sites.

The capital city

Our campus is about a 45-minute drive from Kuala Lumpur (KL), one of Asia's most vibrant and exciting cities. Geographically, it lies in the heart of Southeast Asia and provides a popular gateway to many countries including Australia, Bali, Cambodia, Hong Kong, India, Indonesia, Laos, Myanmar, Singapore, Sri Lanka, Thailand, and Vietnam.

KL is a true metropolis with some of the world's tallest buildings and a thoroughly modern infrastructure. However, it has managed to retain much of its original character and local colour. The city is served by a comprehensive and modern transportation system including buses, trains, a monorail and a number of airports, providing easy access to local, national and international destinations.

The International Office

The International Office is responsible for directing our relations with foreign institutions and international students. As a prospective or current international student, you can obtain support and advice from our dedicated International Office staff. This includes student welfare and non-academic matters such as medical insurance, banking and the management of student exchange and inter-campus transfer programmes.

We are also responsible for conducting the international student induction programme to help you adapt to a new environment and university life.

International student support services

Our international student support service promotes the wellbeing and social interaction of international students. We provide official letters to help provide official documentation on living expenses; invitations for visas and opening bank accounts; advice on any problems you have with living and studying in Malaysia; and information on the professional support services available at the University.

Medical insurance

Medical insurance coverage is compulsory and arranged for you by the International Office. The coverage takes effect from the point of entry into Malaysia. For further information, please visit www.nottingham.edu.my/international/health-and-insurance

Contact us

If you are an international student with a query about studying with us in Malaysia, please contact the International Student Support Office:

t: +60 3 8924 8684/8036/8750

e: international.support@nottingham.edu.my

w: www.nottingham.edu.my/international



UNMCIntOffice



@UNMCIntOffice

Student visa support

All non-Malaysian nationals who wish to study at an educational institution in Malaysia are required to hold a valid Student Pass. We assist international students in arranging dependent passes for spouse or family members upon request and any other visa related issues. The Visa Office also arranges for the required annual renewal of student visas. Please contact the Student Visa Office for further information: idi.ali@nottingham.edu.my

Airport pickup

We offer a free airport pick-up service for new international students arriving at Kuala Lumpur International Airport (KLIA) or Low Cost Carrier Terminal (LCCT). Please speak to the airport pick-up team for further information: airport.pickup@nottingham.edu.my

Meet us

Members of the International Office frequently travel to different countries to meet with prospective students and their families. We also have overseas representatives in a number of countries who can help you find the right course, and offer support and advice through the application process. Find a representative at www.nottingham.edu.my/international/overseas

If you would like to visit the University in person, we are happy to arrange a tailor-made visit for you.

International students “Selamat Datang!”

“Selamat Datang” means the warmest welcome in Bahasa Malaysia – the National Language in Malaysia – and here at The University of Nottingham Malaysia Campus we warmly welcome you to join our happy international family.

Canadian study abroad student, Emily Murray, reading her international relations study notes.

Our international campuses

During your time with us, you might have the chance to study at one of our campuses in the UK or China. All our campuses offer a warm and friendly environment, interesting landscapes and first rate facilities.

UK campuses

University Park Campus

Set around a lake with beautifully kept gardens and pastures, the 330-acre University Park is the University's principal campus. Receiving Green Flag Award status every year since 2003, it is one of the most attractive campuses in the country and features a mixture of period buildings and modern teaching and research facilities, with 12 halls of residence, a conference and exhibition centre, sports facilities and the Lakeside Arts Centre.

Jubilee Campus

Just one mile from University Park, Jubilee Campus, opened in 1999, is an exemplar in sustainable brownfield regeneration and has won numerous awards for its environmentally friendly design. The modern, purpose-built buildings include teaching and research facilities, residences, retail, social and support amenities, libraries and a sports hall.

Aspire, the country's tallest free-standing work of public art, soars to 60 metres above the campus. The adjoining Innovation Park was launched in 2008 and continues to expand and evolve, hosting specialist facilities for global satellite navigation systems, renewable energy technologies, mental health research and aerospace technologies.

Sutton Bonington Campus

Located in the beautiful countryside of south Nottinghamshire, Sutton Bonington Campus occupies a spacious 100-acre site with its own teaching and learning facilities, sports centre, student guild, social amenities and halls of residence.

Ten miles south of University Park, the campus benefits from state-of-the-art teaching and research facilities including purpose-built plant, food and nutrition science buildings, specialised laboratories, a 24-hour learning resource centre, extensive library, University farm and a dairy centre with 180 robotically milked cows. The campus also houses the School of Veterinary Medicine and Science which opened in 2006 as the first in Britain for more than 50 years.

China Campus

When we admitted our first intake of students to the China Campus in 2004, we became the first university to establish and run a campus independently within mainland China.

Around two-and-a-half hours by car from Shanghai, the China Campus is based at the Higher Education Park in Ningbo, a historic port city on China's eastern coast. The campus covers 140 acres of landscaped parkland and has a central lake and its own version of Nottingham's famous Trent Building. There are academic, residential and support facilities for over 6,000 students including academic offices, a library, a fully equipped sports centre, a Students' Union, restaurants and shops.

Read more about our campuses at www.nottingham.edu.my/campuses

"Nottingham is the nearest Britain has to a truly global university, with campuses in China and Malaysia modelled on a headquarters that is among the most attractive in Britain."

The Times Good University Guide 2013

Students enjoying the summer on the Jubilee Campus, UK.

Undergraduate students studying outside at our China Campus.

Overseas study

Nottingham has an extensive network of exciting exchange links. We offer life-enhancing opportunities to study abroad at our campuses in the UK and China as well the chance to study for a period of time at partner universities across the globe.

If you are registered for your degree programme at The University of Nottingham Malaysia Campus (UNMC), you can access opportunities to study for a period of time outside of Malaysia. Some of our courses include compulsory periods at our UK campus.

Inter-campus exchange

We offer a number of exchange opportunities for you to spend either one semester or one academic year of your studies at our UK or China campuses. To be eligible you must have completed one year of your degree at UNMC and achieved a minimum pass mark of 55%. You must also be taking a degree course that is also offered at either the UK or China Campus.

Universitas 21/partner university exchanges

The Universitas 21/partner university exchange is a competitive programme that offers undergraduate students the opportunity to study at a partner university for one semester or one academic year as part of their Nottingham degree. To be eligible you must have completed one year of your degree at UNMC and achieved a minimum pass mark of 60%. You must also be taking a degree course that is also offered at the host university. Current host universities include:

- Bucknell University, Pennsylvania, US
- Concordia University, Montreal, Canada
- Sciences Po Toulouse, France
- Tech De Monterrey, Mexico
- University of Birmingham, UK
- University of Glasgow, UK
- University of Queensland, Australia

For further information on which partner universities are available by school, please visit www.nottingham.edu.my/studyabroad/byschool

Inter-campus transfer programme

Students registered at the Malaysia Campus are also eligible to transfer to The University of Nottingham, UK or China after at least one year at the Malaysia Campus, provided there is space at the appropriate school. Transfer under this scheme is not available to students on the Student Exchange Scheme and is restricted by a fixed quota system set in the UK.

International Summer Schools

Two-week courses, based at our campuses in the UK, China and Malaysia, will provide you with the opportunity to study a new area while meeting people from all over the world and learning about a different culture. You will study with world-class academics, take part in exciting cultural and social activities and make friends who will stay with you for life. The Summer Schools are open to anyone in the world who fulfils the academic entry requirements.

Find out more about our International Summer Schools:

- UK: www.nottingham.ac.uk/international/summer
- China: www.nottingham.edu.cn/international/summer
- Malaysia: www.nottingham.edu.my/international/summer



UNMCSummerSchool

Find out more

For further information on overseas study opportunities please contact the International Student Support Office:
t: +60 3 8924 8684/8036/8750
e: international.enquiries@nottingham.edu.my
w: www.nottingham.edu.my/studyabroad

English language support

The Centre for English Language Education (CELE) is part of the School of Education in the Faculty of Arts and Social Sciences. It provides essential English language support for students who need it through preparatory and in-session classes. Our tutors specialise in the area of English for Academic Purposes and will help you to hone your reading, writing and speaking skills.

Preparatory English courses

As a UK educational institution, all our programmes and assessments are conducted in English. Our preparatory English courses are specifically designed for students who need to raise their standard of English before moving on to their degree programmes. These courses will enable you to improve your ability to take part in formal discussions and make presentations. They will improve the accuracy and range of your written English and give you the ability to write using academic style, structure and conventions, such as writing bibliographies.

Course duration	IELTS improvement	Intakes	Fees
10 weeks	Students who need to improve score by 0.5	July	RM5,680
20 weeks	Students who need to improve score by 1.0	April	RM11,360
30 weeks	Students who need to improve score by 1.5	February	RM17,040

Entry requirements	English language requirements
A conditional offer from the University for a foundation, undergraduate or postgraduate programme where you have not met the English language requirements.	We normally prefer students to have a pre-existing IELTS qualification. However, other language qualifications are also acceptable. Please contact CELE for more details.

In-session courses

At CELE we also run free in-session classes throughout your degree course. These classes may be aimed at general improvement of English, or they may be subject specific, helping you improve your proficiency in your area of study.

If you take our three semester foundation programme you must take at least one module of academic English. This will teach you how express yourself in the style and format expected by a world-class international university.

Assessment

At various times during the course you will be assessed on listening, speaking, reading and writing. You will need to pass these in order to progress onto the next stage of the course. At the end of the course you will write an academic project, make a presentation and undertake reading and listening exams.

Course structure

During your course you will be required to write short essays and longer academic assignments, read academic articles and books, show an understanding of lectures and note-taking, participate in seminars and oral presentations and expand your range of grammatical structures and vocabulary. You will also develop an understanding of the study skills required for study at university level.

Individual language support

Individual language support is available upon request. Whether you need to improve your written work, or you just want advice on how best to improve your English language proficiency, you can receive support from our expert staff through one-to-one consultations available by appointment.

We also provide a drop-in language service where CELE staff members are available at set times to assist you with English language issues without an appointment.

Find out more

Centre for English Language Education
t: +60 3 8294 8187
w: www.nottingham.edu.my/cele

Undergraduate students studying outside.

English language support



Scholarships

The University of Nottingham Malaysia Campus (UNMC) grants scholarships to deserving and academically excellent students. Applicants are selected based on their academic achievements and the socio-economic status of their family. In addition, there are various sources of financial assistance available to help finance your education.

Postgraduate student browsing books in the library.

Full scholarships

The following scholarships are offered to undergraduate students at UNMC.

Chinese Independent Schools (UEC) Scholarship

UEC Scholarship is for selected undergraduate programmes of study. Several full scholarships are made available every year. These are open to Malaysian students only.

The Star Education Fund

The University also pledges several scholarships via The Star Education Fund for foundation and undergraduate programmes of study. This scholarship is open to Malaysian students only. Refer to The Star newspaper for further details: www.thestar.com.my

Sin Chew Daily Education Fund

Several full scholarships are made available every year through the Sin Chew Daily Education Fund for undergraduate programmes. This scholarship is open to Malaysian students only. Further details can be found printed in the Sin Chew Daily newspaper in February and March: www.sinchew.com.my

High Achievers' Scholarships

This is an automatic scholarship for foundation and undergraduate programmes of study. Students who meet the criteria will automatically be awarded the scholarship, whereby they will only have to pay 75% of their tuition fees or less for the first year of study. It is open to both Malaysian and international students.

Dean's Excellence Scholarship

The Dean's Excellence Scholarships (DES) amounts to a fee reduction of 25%. These scholarships are awarded to top achieving students, usually the top 10% of the school or department's high achievers at the point of progression for each academic year, ie from:

- foundation to year 1
- year 1 to year 2
- year 2 to year 3

Automatic scholarships

We offer several automatic scholarships for alumni of The University of Nottingham, children of alumni, siblings, spouses and alumni of Universitas 21 (U21) institutions.

School of English Taught Programmes Scholarship

From September 2014, the scholarship entitles applicants to a 25% reduction in the course fee. Both Malaysian and international students are eligible to apply and the scholarships are valid for the entire duration of your taught degree.

Further details on these scholarships are available on our website: www.nottingham.edu.my/scholarships

Part scholarships

The University of Nottingham Malaysia Campus offers a range of part scholarships for Malaysian undergraduate students.

Tinggi Foundation Scholarship

The University is very fortunate to have the support of Tinggi Foundation, which offers scholarships to deserving students. The scholarship is worth 50% of any undergraduate tuition fee and is open to Malaysian students pursuing courses in the following schools/departments.

Faculty of Arts and Social Sciences

- Business
- Economics

Faculty of Engineering

- Chemical and Environmental Engineering
- Civil Engineering
- Electrical and Electronic Engineering
- Mechanical, Materials and Manufacturing

Faculty of Science

- Computer Science
- Psychology

Other finance options

Other options for finance for undergraduate students include:

- Majlis Amanah Rakyat (MARA) Study Loan Scheme
- National Higher Education Fund PTPTN Loan
- Employees Provident Fund (EPF) Withdrawal Scheme for Education

Students with outstanding academic results can also seek sponsorship from other sponsoring bodies. The list of sponsoring bodies can be found at www.nottingham.edu.my/scholarships

Find out more

Sponsorship Office
t: +60 3 8924 8052/8665/8063
e: sponsorship@nottingham.edu.my
w: www.nottingham.edu.my/scholarships

See for yourself

If you are interested in finding out more about our University, we offer a number of ways for you to meet us.

Open days

Each year we run open days and information days where you can visit our campus, experience our facilities, meet students and staff, attend talks and presentations and participate in activities. Some faculties and schools also run their own open days throughout the year.

Individual visits

If you can't make one of our open days you are welcome to arrange a visit to campus to meet our staff and find out more. Please contact your school or department of interest directly to arrange a visit.

Education fairs

We participate in a number of education fairs throughout the year in various cities all over Malaysia where you can talk to staff and find out more about the University and our courses.

International visits

Members of our International Office visit many countries to meet prospective students and attend international exhibitions. We also work with a number of international academic services, educational agencies and counsellors in countries across the globe. Find out which countries we have representatives in:

www.nottingham.edu.my/overseasrepresentatives

Find out more

Please feel free to contact us to find out how you can meet our staff or visit our campus by visiting

www.nottingham.edu.my/make-an-enquiry

Undergraduate students working on a laptop in the library.

Foundation programmes

Arts and Education	39
Business and Management	39
Engineering	40
Science	40



Engineering undergraduate working on a buckling test.

“Foundation in Arts and Education teaches about speaking, writing, media, politics and global issues. If you are going to take Foundation in Arts and Education, you are going to have a new understanding and mindset towards every single subject.”

Shahul Benazir / Foundation in Arts and Education



Find out more about Shahul's experience at www.nottingham.edu.my/foundation/studentexperience

Shahul is reading course notes outside the Administration Building.



Scan this using a QR code reader to watch this video on your smartphone.

Foundation programmes

Study with us because:

- Our foundation programmes are an opportunity to gain the skills and knowledge needed to undertake a range of bachelors degrees while studying at a world-class university.
- Our courses are carefully designed to prepare you for degree-level study and have a high rate of progression.
- As a foundation student you will be a full member of the University and have access to all the opportunities, support and facilities on offer.

Two- or three-semester programme?

Each semester consists of 10-12 weeks of teaching and an additional 1-3 weeks of assessment. Your foundation route depends on your skills and the amount of formal education you have undertaken. The 3 semester programme is ideal if you have completed a minimum of 11 years of formal education, whereas the 2 semester programme is suitable if you have completed at least 12 years of formal education but need to enhance your skills in order to undertake an undergraduate degree.

Each semester consists of 15 weeks, with 10-12 weeks of teaching and 2 weeks of examinations. If you study for the three-semester programme you will take all modules, and if you take the two-semester programme you will take all modules offered in the second and third semesters.

What is a foundation programme?

At The University of Nottingham Malaysia Campus (UNMC) we offer three foundation programmes: Arts and Education, Business and Management, Engineering and Science (see pages 39 and 40). Our foundation programmes are ideal if you want to pursue a degree in arts and social sciences, engineering or science but don't meet the specified entry requirements or are unsure about which degree route you want to follow. All of our foundation programmes are designed to provide an entry route to a range of undergraduate degree programmes offered by the University, and will provide you with the level of academic literacy skills and confidence to do so. Upon successful completion of your foundation programme, progression to an undergraduate degree is automatic and unconditional.

What degrees can I progress on to?

Successful completion of our engineering or science foundation programme will enable you to go on to take a bachelors degree in any engineering or science subject at UNMC.

There are two foundation programmes within the Faculty of Arts and Social Sciences: Foundation in Arts and Education and Foundation in Business and Management. Each undergraduate degree in the faculty has its preferred foundation course, with content tailored for that course. In addition, alternative pathways are open to other degrees, should your academic interest change in the course of your foundation year (see page 42).

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/foundation

Foundation	Duration	Intake	Malaysian fees	International fees
Arts and Education Foundation KPT/JPS(F3-K085)3/16	2 or 3 semesters, full-time	April and July (3 semester), September (2 semester)	RM7,380 per semester	RM8,520 per semester
Business and Management Foundation KPT/JPS(F3-K029)/(A10435)2/16	2 or 3 semesters, full-time	April and July (3 semester), September (2 semester)	RM7,380 per semester	RM8,520 per semester
Engineering Foundation KPT/JPS(F3-K026)/(A1106)2/16	2 or 3 semesters, full-time	April and July (3 semester), September (2 semester)	RM8,520 per semester	RM9,650 per semester
Science Foundation KPT/JPS(FNM6)(F3-K084)4/15	2 or 3 semesters, full-time	April and July (3 semester), September (2 semester)	RM8,520 per semester	RM9,650 per semester

Entry requirements	English language requirements
Applicants who have successfully completed 12 years of schooling at an appropriate standard (definitions will vary according to the school system) may be accepted into the two semester programme.	IELTS: 6.0 (no element below 5.5) TOEFL iBT: 79 (no element below 19) PTE (Academic): 55 (minimum 51) SPM: grade B+ 1119 (GCE O Level): grade C GCSE/IGCSE: grade C UEC: grade B3
Arts and Education	
SPM A minimum of 6 Bs, excluding Islamic studies and moral studies; at least grade C in mathematics, which may be included in the 6 Bs	
GCSE/IGCSE A minimum of 6 subjects, including 4 Bs and 2 Cs with grade C in mathematics, excluding religion and national language	
UEC A minimum of 6 subjects, including 5 B3s and a C, with grade C in mathematics, excluding Bahasa Malaysia and Chinese language	
Business and Management	
SPM A minimum of 6 Bs including mathematics, excluding English for science and technology, Islamic studies and moral studies	
GCSE/IGCSE A minimum of 4 Bs and 2 Cs with B in mathematics, excluding religion and national language	
UEC A minimum of 6 B3s, including mathematics, excluding Bahasa Malaysia and Chinese language	

Entry requirements (continued)	English language requirements
Engineering	
SPM A minimum of 2 B+s in mathematics and additional mathematics and 3 Bs, including chemistry and physics	IELTS: 6.0 (no element below 5.5) TOEFL iBT: 79 (no element below 19) PTE (Academic): 55 (minimum 51)
GCSE/IGCSE A minimum of 1 A in mathematics and 4 Bs, including chemistry and physics	SPM: grade B+
UEC A minimum of 6 Bs including chemistry, mathematics and physics	1119 (GCE O Level): grade C GCSE/IGCSE: grade C
Science	
SPM A minimum of 5 Bs in academic subjects, including mathematics and one science subject, excluding religious studies, moral studies and languages	UEC: grade B3
GCSE/IGCSE A minimum of 5 Bs including mathematics and a science subject excluding religious studies and languages	
UEC A minimum of 5 Bs including mathematics and a science subject, excluding religious studies, moral studies and languages	

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

Foundation in Arts and Education

The Foundation in Arts and Education is offered by the Centre for English Language Education, housed in the School of Education. The programme provides an entry route for degree courses offered by the Faculty of Arts and Social Sciences, especially English, education, international communications studies and international relations. A substantial amount of the content is devoted to oral and written communication, critical thinking and study skills, and other modules will give a general grounding in subject-specific content.

The course is taught in groups of mixed sizes, with much of the course taught in groups of 16 or fewer. You will be taught in innovative ways, designed to help you learn to think issues through for yourself instead of reciting facts. You will benefit from an emphasis on discussion, exploration and evaluation of issues, as well as presenting ideas in the style and format expected at university level. This interactive and student-focused teaching style will help you to become an independent and active learner.

You will take part in lectures, seminars and workshops and follow a similar timetable to a typical undergraduate. Assessment is through exams, coursework essays, portfolios and oral presentations.



UNMC.arts.foundation

First semester

Typical core modules

- Foundations in Global Issues
- Information Technology and Design A
- Introduction to Perspectives on Learning
- Introduction to Social Sciences
- Speaking for Academic Purposes
- Writing for Academic Purposes

Second semester

Typical core modules

- Oral Communication and Study Skills
- Person and Society
- Written Communication and Study Skills

Typical optional modules

You can choose two of the following optional modules:

- Foundations in Communications Politics and Media
- Foundations in Education A
- IT for Communication
- Optional business modules
- Use of English A

Third semester

Typical core modules

- Introduction to Critical Thought

Typical optional modules

You can choose five of the following optional modules:

- Foundations in Communications Politics and Media
- Foundations in Education B
- Foundations in Educational Technology
- Group Dynamics
- Introduction to English Language and Literature
- Politics on Film
- Optional business modules
- Use of English B

Foundation in Business and Management

The Foundation in Business and Management is offered by Nottingham University Business School. With guidance from your lecturers and personal tutors, this course will help you develop into an independent learner and enable you to progress onto undergraduate study with ease. As part of a student body made up of many nationalities, you will gain rich intercultural experiences which also serve as an international networking platform, leading you to greater international exposure and awareness.

Lectures are typically two to three hour sessions. During these sessions you will become familiar with the subject's main theoretical concepts and ideas. Academic tutorials are held so you can participate in class discussions, improve your presentation skills and apply theoretical concepts to practical issues. In addition, lab work, tutorials and assignments will be key parts of your learning experience and assessment. All core modules are compulsory. You can also select optional modules relating to your preferred undergraduate course.

First semester

Typical core modules

- Information Technology and Design
- Introduction to Business
- Introduction to Economics
- Introduction to Mathematical Techniques
- Introduction to Social Science
- Writing for Academic Purposes

Second semester

Typical core modules

- Business Discourse
- Foundation of Management
- Principles of Business Economics
- Quantitative Methods A

Typical optional modules

You can choose two of the following optional modules:

- Foundations in Communications Politics and Media A
- IT for Communication
- Person and Society
- Principles of Accounting A
- Use of English A

Third semester

Typical core modules

- Business Functions
- Principles of Macroeconomics
- Quantitative Methods B

Typical optional modules

You can choose three of the following optional modules:

- Foundations in Communications Politics and Media B
- Foundations in Language and Literature
- Groups and Interpersonal Dynamics
- Introduction to Critical Thought
- Introduction to Legal Concepts
- Politics on Film
- Principles of Accounting B
- Use of English B

Foundation in Engineering

The Foundation in Engineering will give you a broad understanding of the fundamentals of engineering and a solid grounding in mathematics and other subjects, enabling you to successfully proceed to a BEng or MEng undergraduate engineering degree. You will have opportunities to interact with students and lecturers across the Faculty of Engineering, which will help you to make an informed decision on the branch of engineering that you would like to pursue.

As an engineering student you will spend a significant amount of time performing lab work, as well as participating in tutorials, written assignments and attending lectures. There is a strong emphasis on the teaching of mathematical and physical sciences. You will also be introduced to computer language and programmes, as well as study and research techniques essential for undergraduate level courses.

First semester

Typical core modules

- Basic Engineering Mechanics A
- Chemistry A
- English Language and Study Skills 1
- Foundation Algebra
- Light, Waves and Electrons
- Pre-Calculus

Second semester

Typical core modules

- Calculus 1
- Computer Methods
- Electricity and Magnetism A
- Mathematical Techniques
- Study Skills
- Thermal Science A

Third semester

Typical core modules

- Applied Algebra for Engineers
- Calculus 2
- Introduction to C Programming
- Thermal Science B

Typical optional modules

You can choose two of the following optional modules:

- Basic Engineering Mechanics B
- Data Gathering and Communications
- Electricity and Magnetism B

Foundation in Science

To fully prepare you for your chosen area of study, the Foundation in Science has specialist module pathways in biomedical sciences, biosciences, computer science, psychology and pharmacy, as well as covering topics in biology, chemistry and mathematics. You will also be given extra support in English language and study skills, so you can progress to undergraduate level with confidence.

You will follow a dedicated pathway through the foundation course based on your choice of degree programme – for example, psychology or computer science. You will take all compulsory modules, all modules from your subject pathway and up to three optional modules selected from other pathways and additional modules. Optional modules give you the opportunity to study science topics outside of your pathway, which can provide complementary pathways into other degrees offered by the Faculty of Science. With plenty of opportunities to interact with students and staff, you will be given the chance to fully explore the Faculty of Science. This will help support you to identify, and then pursue, a degree in the science field of your choice.

First semester

Typical core modules

- Cells and Molecules
- English Language and Study Skills 1
- Information Technology and Design
- Introduction to Atoms and Bonding
- Laboratory Practicals in Science
- Maths for Science 1

Second semester

Typical core modules

- Maths for Science 2
- Study Skills for Science

Biomedical sciences, biosciences and pharmacy modules

- Ecology, Energy and the Environment
- Physical Chemistry

Computer science modules

- Electronic Information – World Wide Web
- Principles of Programming

Psychology module

- Introduction to Psychology 1

Typical additional optional modules

- Foundations of Management

Third semester

Typical core modules

- Maths for Science 3

Biomedical sciences, biosciences and pharmacy modules

- Genetics and Living Systems
- Organic Chemistry

Computer science modules

- Communication Technology
- Digital Media
- Introduction to C programming

Psychology module

- Introduction to Critical Thought
- Introduction to Psychology

Typical additional optional modules

- Business Functions

Our suite of foundation programmes offer the ideal preparation for undergraduate study, ensuring students are fully prepared for a degree in a world-class university.

Pathways for progression

Arts and Education

Primary courses for progression

Education with Special Education Needs (BA/BEd)
 Education with Teaching English to Speakers of Other Languages (BA/BEd)
 English Language and Literature (BA)
 English with Creative Writing (BA)
 International Communications Studies (BA)
 International Communications Studies with English Language and Literature (BA)
 International Communications Studies with Film and Television Studies (BA)
 International Relations (BA)
 International Relations with French/German/Japanese/Korean/Mandarin/Spanish (BA)

Alternative pathways for progression (strong level of maths required)

Applied Psychology and Management Studies (BSc)
 Business Economics and Finance (BA)
 Business Economics and Management (BA)
 Finance, Accounting and Management (BA)
 International Business Management (BA)
 Management Studies (BA)
 Management Studies with French/German/Japanese/Korean/Mandarin/Spanish (BA)
 Psychology (BSc)
 Psychology and Cognitive Neuroscience (BSc)

Business and Management

Primary courses for progression:

Business Economics and Finance (BA)
 Business Economics and Management (BA)
 Finance, Accounting and Management (BA)
 International Business Management (BA)
 Management Studies (BA)
 Management Studies with French/German/Japanese/Korean/Mandarin/Spanish (BA)

Alternative pathways for progression:

Applied Psychology and Management Studies (BSc)
 Economics (BSc)
 International Communications Studies (BA)
 International Communications Studies with English Language and Literature (BA)
 International Communications Studies with Film and Television Studies (BA)
 International Relations (BA)
 International Relations with French/German/Japanese/Korean/Mandarin/Spanish (BA)

Engineering

Chemical Engineering (BEng/MEng)
 Chemical and Environmental Engineering (BEng/MEng)
 Civil Engineering (BEng/MEng)
 Electrical and Electronic Engineering (BEng/MEng)
 Mechanical Engineering (BEng/MEng)
 Mechatronic Engineering (BEng/MEng)

Science

Biomedical Sciences (BSc)
 Biotechnology (BSc)
 Computer Science (BSc)
 Computer Science with Artificial Intelligence (BSc)
 Computer Science and Management Studies (BSc)
 Environmental Science (BSc)
 Nutrition (BSc)
 Pharmaceutical and Health Sciences (BSc)
 Pharmacy (MPharm)
 Plant Biotechnology (BSc)
 Psychology (BSc)
 Psychology and Cognitive Neuroscience (BSc)
 Software Engineering (BSc)



Arts and Social Sciences

Applied Psychology	45
Business	49
Economics	57
Education	61
English	65
Modern Languages and Cultures	69
Politics, History and International Relations	73

Undergraduate students participating in an English literature seminar.

Applied Psychology

“I am very interested in studying and understanding people, and at the same time very interested in business, management and entrepreneurship. In the future I want to be an entrepreneur, and I think understanding people is a very important aspect of business and entrepreneurship.”

Tan Jing Shen / BSc Applied Psychology and Management Studies



Find out more about Jing Shen's experience at www.nottingham.edu.my/appliedpsychology/studentexperience



Scan this using a QR code reader to watch this video on your smartphone.

Jing Shen is reading a text book for his applied psychology and management studies degree programme.

Study with us because:

- Applied psychology and management studies provides excellent training for a future career in psychology and business, and will enable you to apply psychological theories and principles to real-world situations.
- Our modules are the perfect complement to business and management as they teach you to ask the right questions and use scientific evidence to analyse and provide answers to problems.
- You will gain skills that are highly sought-after by employers such as the ability to analyse and interpret evidence, the application of research methods, effective communication, problem-solving, teamwork and time management.

How will I study?

In the first year you are introduced to the underlying core management disciplines of accounting, economics and finance and the psychology of the individual and their relationship with the business world, as well as research methods in applied psychology. In the second year, you take modules in more advanced subjects in accounting, economics and research methods while learning about the psychology of culture, groups and society and other applications of individual psychology. In the final year, you will take further modules on human resource management, strategy and more advanced modules in work psychology and embark on an applied research project.

Career prospects and employability

Applied psychology and management studies offers an added value not met by graduates from a single-subject background due to the integration of a psychological perspective. It will prepare you for international careers in government agencies, industry and other types of organisations, such as charities, consultancies and non-governmental organisations, with a strong human element. Applied psychologists in business are valued and respected within their various areas of expertise, particularly in the fields of advertising, career and organisational development, change management, counselling, human resources, marketing, occupational testing, selection and recruitment, and training. They often collaborate with other experts in business and their contribution is highly sought-after.

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/appliedpsychology

What is applied psychology?

Applied psychology is the application of psychological science, theory and principles to problems of everyday life. It has become influential in almost all aspects of society including crime prevention, commerce, education, government, healthcare and health promotion, sports and work. In all of these areas, applied psychologists work to improve people's lives and help clients achieve their goals and objectives. In essence, applied psychologists are interested in people and seek to understand human behaviour and thought processes. More importantly, they are interested in how individuals interact with the various cultural, physical, social and societal systems that characterise human life. The BSc Applied Psychology and Management Studies combines applied psychology with the study of core areas of contemporary business and management, providing you with an excellent foundation to enter careers in psychology and business.

Applied Psychology	Duration	Intake	Malaysian fees	International fees
Joint honours				
BSc Applied Psychology and Management Studies KPT/JPS(F3-K045)3/16	3 years, full-time	September	RM33,990 per year	RM39,090 per year

Entry requirements		English language requirements
A level	BBB, excluding general studies	IELTS: 6.5 (no element below 6.0)
IB Diploma	30 points with 5,5,5 at Higher Level and 5 points in mathematics at Standard or Higher Level	TOEFL iBT: 88 (no element below 19)
STPM	B+B+B+, excluding Pengajian Am	PTE (Academic): 62 (minimum 55)
UEC	5 As, excluding Bahasa Malaysia and Chinese language but may include English	SPM: grade A-
SAM/AUSMAT/HSC	ATAR (UAI)/TER/ENTER 86	1119 (GCE O Level): grade B
Canadian Pre-U	85% average based on 6 subjects with at least 80% in mathematics of data management	GCSE/IGCSE: grade C
The University of Nottingham Malaysia Campus Foundation	Successful completion of any foundation programme and meeting mathematics requirements	UEC: grade A2
SPM/GCSE/IGCSE	In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have grade B in mathematics or grade C in UEC mathematics	IB English A1 or A2 (Standard or Higher Level): 4 points IB English B (Higher Level): 4 points IB English B (Standard Level): 5 points

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

Related courses

- [BA Business Economics and Management \(page 53\)](#)
- [BA Finance, Accounting and Management \(page 54\)](#)
- [BA International Business Management \(page 54\)](#)
- [BA Management Studies \(page 55\)](#)
- [BA Management Studies with French/German/Japanese/Korean/Mandarin/Spanish \(page 55\)](#)
- [BSc Psychology \(page 126\)](#)
- [BSc Psychology and Cognitive Neuroscience \(page 126\)](#)

BSc Applied Psychology and Management Studies

This programme is a joint honours degree offered in conjunction with Nottingham University Business School, and the first of its kind to be offered in Malaysia. It provides excellent training for a future career in psychology and/or business and will teach you to apply psychological theories and principles to real-world settings. By combining applied psychology with core areas of management, you will learn to interpret human behaviour, analyse social interactions and develop an evidence-based approach to problem solving. In so doing, you will develop an inquisitive mind, superior social skills and a practical business orientation which will prepare you for a successful career in industry and beyond.

Year 1

Typical core modules

- Applied Research Methods 1: Quantitative Methods
- Applied Research Methods 2: Qualitative Methods
- Business Economics A and B
- Entrepreneurship and Business
- Financial Accounting
- Introduction to Applied Psychology
- Management Accounting and Decisions 1
- People, Work and Organisations
- The Individual 1: Cognition, Memory and Perception
- The Individual 2: Individual Differences

Plus optional business modules

Year 2

Typical core modules

- Applied Research Methods 3: Advanced Quantitative Methods
- Contemporary Economic Policy
- Contemporary Issues in Applied Psychology
- Cross Cultural Psychology
- Economics of Business Decisions
- Management Accounting and Decisions 2
- People, Groups and Society
- Technology and Organisation
- The Individual 3: Learning

Plus optional applied psychology modules Plus optional business modules

Year 3

Typical core modules

- Human Resources Management 1 and 2
- Research project in applied psychology
- Strategic Management 1 and 2

Plus optional applied psychology modules Plus optional business modules

“My faculty is staffed by highly experienced lecturers who bring with them a tremendous wealth of experience and practical case studies.”

Mohammed Imran Khan / BA Finance, Accounting and Management



Find out more about Mohammed's experience at www.nottingham.edu.my/business/studentexperience

Mohammed is analysing the movements of the US dollar against the Malaysian ringgit.



Scan this using a QR code reader to watch this video on your smartphone.



Business

Study with us because:

- As a leading centre for management education, Nottingham University Business School (NUBS) is renowned for world-class research and teaching, and in the latest Research Assessment Exercise we were ranked among the top six business schools in the UK.
- We are part of an elite global group who have gained European Quality Improvement System (EQUIS) accreditation – proof not only of our high standards but of our commitment to internationalisation.
- The 2013 Academic Ranking of World Universities and the QS World Rankings 2013/14 rank The University of Nottingham in the world top 100, with The QS ranking us in the top 100 for 'accounting and finance', 'economics and econometrics' and 'statistics and operational research'.
- We draw on our global presence to enhance business and management knowledge while offering a unique insight into Asian business growth and development.

What is business and management?

All courses in Nottingham University Business School involve the study of organisations, their management and the changing external environment in which they operate. While the exact blend of subjects studied depends on the particular course, each degree prepares you for a career in business and management and allows you to develop skills in qualitative and quantitative analysis, critical thinking, oral and written presentation, information technology and group working.

How will I study?

Our programmes enable you to either opt for a broad-based management education or to specialise in a particular aspect of management studies. All programmes have been carefully designed to allow you to acquire the fundamentals of management and the most recent trends in business thinking. Combining studies in accounting, economics, finance, management and marketing, the interdisciplinary nature of our courses will provide you with the competitive edge to pursue a career in any line of business.

Our degree programmes in management studies with a language minor also allow you to learn and practise a foreign language (both spoken and written) to a high standard of competence.

Professional accreditation

The BA Finance, Accounting and Management and BA Management Studies are accredited by the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants (CIMA), Certified Practising Accountants (CPA) Australia and EQUIS. In addition, the BA Finance, Accounting and Management is accredited by the Institute of Chartered Accountants in England and Wales (ICAEW). Graduates of BA Finance, Accounting and Management and BA Management Studies can obtain exemptions from a number of professional examination papers set by the ACCA, CIMA and CPA Australia. The BA Business Economics and Finance is also accredited by EQUIS and CIMA.

Career prospects and employability

Our interdisciplinary approach to business education will enable you to have a head start in a wide spectrum of careers. Many of our graduates have secured prestigious jobs in multinational corporations such as Accenture, BDO, Bloomberg, CIMB Bank, Dell, Deloitte, Ernst & Young, HSBC, IBM, Microsoft, PwC and Standard Chartered Bank. Some of our graduates have become auditors, entrepreneurs, executives in the banking and financial services industry and industry regulators. Other career options include academia, investment research, management consultancy, risk management and other service-orientated professions.

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/business



NUBSMalaysia

Business	Duration	Intake	Malaysian fees	International fees
Single honours				
BA Business Economics and Finance KPT/JPS(F3-K007)3/16	3 years, full-time	September	RM33,990 per year	RM39,090 per year
BA Business Economics and Management KPT/JPS(F3-K040)/(A1156)3/16	3 years, full-time	September	RM33,990 per year	RM39,090 per year
BA Finance, Accounting and Management KPT/JPS(NN34)3/15	3 years, full-time	February and September	RM33,990 per year	RM39,090 per year
BA International Business Management KPT/JPS(F3-K041)/(A10434)3/16	3 years, full-time	February and September	RM33,990 per year	RM39,090 per year
BA Management Studies KPT/JPS(N200)3/15	3 years, full-time	February and September	RM33,990 per year	RM39,090 per year
Major/minor honours				
BA Management Studies with French KPT/JPS(N2R1)5/16	3 years, full-time	September	RM33,990 per year	RM39,090 per year
BA Management Studies with German KPT/JPS(NNM1)5/16	3 years, full-time	September	RM33,990 per year	RM39,090 per year
BA Management Studies with Japanese KPT/JPS(NNM2)5/16	3 years, full-time	September	RM33,990 per year	RM39,090 per year
BA Management Studies with Korean KPT/JPS(NNM7)5/16	3 years, full-time	September	RM33,990 per year	RM39,090 per year
BA Management Studies with Mandarin KPT/JPS(NNM8)5/16	3 years, full-time	September	RM33,990 per year	RM39,090 per year
BA Management Studies with Spanish KPT/JPS(N2R4)5/16	3 years, full-time	September	RM33,990 per year	RM39,090 per year

Nottingham University Business School is a top business school in a world-class university. We aim to develop global business leaders through our range of undergraduate programmes.

Entry requirements	English language requirements
Applicants for degree programmes with a language minor must have no prior knowledge of that language	IELTS: 6.5 (no element below 6.0) TOEFL iBT: 88 (no element below 19)
A level	BBB, excluding general studies PTE (Academic): 62 (minimum 55)
IB Diploma	30 points with 5,5,5 at Higher Level and 5 points in mathematics at Standard or Higher Level SPM: grade A-
STPM	B+B+B+, excluding Pengajian Am 1119 (GCE O Level): grade B
UEC	5 As, excluding Bahasa Malaysia and Chinese language but may include English GCSE/IGCSE: grade C
SAM/AUSMAT/HSC	ATAR (UAI)/TER/ENTER 86 UEC: grade A2
Canadian Pre-U	85% average based on 6 subjects with at least 80% in mathematics of data management IB English A1 or A2 (Standard or Higher Level): 4 points
The University of Nottingham Malaysia Campus Foundation	Successful completion of any foundation programme and meeting the mathematics requirements IB English B (Higher Level): 4 points IB English B (Standard Level): 5 points
SPM/GCSE/IGCSE	In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have grade B in mathematics or grade C in UEC mathematics

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

Related courses

[BSc Applied Psychology and Management Studies \(page 48\)](#)

[BSc Economics \(page 60\)](#)

BA Business Economics and Finance

Throughout the course you will study core business and economics modules then take additional modules related to management. You will gain an in-depth understanding of the core areas of economics and finance, such as derivatives pricing, economics of regulation, industrial economics, portfolio management and risk management methods. This course will provide you with an excellent background for specialist quantitatively-orientated careers in financial economics and research, as well as those in the areas of accountancy, banking, business finance and management.

BA Business Economics and Management

Throughout the course you will study core business and economics modules then take additional modules related to finance. With an emphasis on theoretical and applied microeconomics, you will gain the ability to analyse the economic and social environment in which economic decisions faced by managers and businesses are taken. You will also develop an awareness of the business and financial environment and current business issues, and develop an understanding of modern economics ideas and their relevance to business and financial decision-making.

Year 1

Typical core modules

- Business Economics A and B1
- Business Finance*
- Computers in Business
- Contemporary Economic Policy
- Economics of Business Decisions
- Entrepreneurship and Business
- Financial Accounting
- New Venture Creation**
- People and Organisations
- Quantitative Methods 1B

Plus approved optional modules (must include Quantitative Methods 1A for those without grade C in A level mathematics or equivalent)

Year 2

Typical core modules

- Computational Finance*
- Designing and Managing Organisations**
- Economics of Innovation
- Economics of Organisations
- Economics of Pricing and Decision-Making
- Financial Management*
- International Firms**
- Introductory Econometrics
- Macroeconomic Policy and Analysis*
- Managing the Marketing Mix**
- Marketing Strategy**
- Money and Banking*
- Quantitative Methods 2A

Plus approved optional modules

Year 3

Typical core modules

- Business Ethics
- Corporate Finance*
- Economics of Regulation
- Financial Economics
- Financial Markets**
- Human Resource Management 1 and 2**
- Industrial Economics A: Structure, Conduct and Performance
- Industrial Economics B: Games and Strategies
- International Finance*
- Risk Management Decisions*
- Risk Management Processes*
- Strategic Management 1 and 2**

Plus approved optional modules

* Business economics and finance students only.

** Business economics and management students only.

BA Finance, Accounting and Management

You will learn to utilise the theory and practical techniques of finance and accounting within an economic, organisational and decision-making framework. You will also develop a critical understanding of the techniques and their contexts. By completing the course you will be well-equipped to undertake professional examinations in accounting.

Year 1

Typical core modules

- Business Economics A and B1
- Business Finance
- Business Law A and B
- Computers in Business
- Entrepreneurship and Business
- Financial Accounting
- Management Accounting and Decisions 1
- People and Organisations
- Quantitative Methods 1B

Plus approved optional modules (must include Quantitative Methods 1A for those without grade C in A level mathematics or equivalent)

Year 2

Typical core modules

- Accounting Information Systems
- Computational Finance
- Contemporary Economic Policy
- Database Design and Implementation
- Financial Management
- Financial Reporting
- Introductory Econometrics
- Management Accounting and Decisions 2
- Management Strategy
- Quantitative Methods 2A

Plus approved optional modules

Year 3

Typical core modules

- Advanced Financial Reporting
- Auditing, Governance and Scandals
- Business Ethics
- Corporate Finance
- Financial Analysis
- Financial Markets
- Management Accounting and Decisions 3 and 4

Plus approved optional modules

BA International Business Management

Focusing on international business strategy and globalisation, you will study a range of general management subjects, such as accounting, business IT, economics, finance and quantitative methods. A special emphasis is placed on business and management in an international context, including the particular cultural, legal and political conditions affecting business in Asia and European countries. Students on this course frequently opt to take optional modules in international communication studies and international relations, complementing the business focus of the core curriculum.

Year 1

Typical core modules

- Business Economics A and B1
- Business Finance
- Computers in Business
- Entrepreneurship and Business
- Financial Accounting
- New Venture Creation
- People and Organisations
- Quantitative Methods 1B
- Studying Organisations

Plus approved optional modules (must include Quantitative Methods 1A for those without grade C in A level mathematics or equivalent)

Year 2

Typical core modules

- Asian Economic Development
- Contemporary Economic Policy
- Designing and Managing Organisations
- Financial Management
- International Firms
- Managing in Asia
- Managing the Marketing Mix
- Marketing Strategy
- Organising and Managing in Practice
- Southeast Asia and the Global Economy

Plus approved optional modules

Year 3

Typical core modules

- Asian Business Environment
- Business Ethics
- European Business Environment
- Human Resource Management 1 and 2
- International Business Strategy 1 and 2
- International Finance
- Strategic Management 1 and 2

Plus approved optional modules

BA Management Studies

BA Management Studies with French/German/Japanese/Korean/ Mandarin/Spanish

Our management studies programmes will provide you with a broad-based but theoretically rigorous grounding in a range of management principles. You will learn to apply a theoretical understanding of organisational accounting, analysis and economics to a range of management subjects including human resource management, marketing and strategy. We will encourage you to be critical, show initiative and develop an awareness of the benefits and limitations of different approaches to management.

If you choose to take management studies with a language, you will be taking advantage of one of the few opportunities to study a combination of business and language at a British university in Malaysia. You will also benefit from the vast research expertise of Nottingham University Business School and the School of Modern Languages and Cultures.

Year 1

Typical core modules

- Beginners French, German, Japanese, Korean, Mandarin or Spanish**
- Business Economics A and B1
- Computers in Business
- Entrepreneurship and Business
- Financial Accounting*
- Management Accounting and Decisions 1*
- New Venture Creation*
- People and Organisations
- Quantitative Methods 1B
- Studying Organisations*

Plus approved optional modules (must include Quantitative Methods 1A for those without grade C in A level mathematics or equivalent)

Year 2

Typical core modules

- Contemporary Economic Policy
- Designing and Managing Organisations
- Economics of Business Decisions
- Intermediate French, German, Japanese, Korean, Mandarin or Spanish**
- Management Accounting and Decisions 2*
- Managing the Marketing Mix
- Marketing Strategy
- Organising and Managing in Practice
- Technology and Organisation*

Plus approved optional modules

Year 3

Typical core modules

- Advanced French, German, Japanese, Korean, Mandarin or Spanish**
- Approved business modules*
- Business Ethics
- Human Resource Management 1 and 2
- Strategic Management 1 and 2

Plus approved optional modules

- * Management studies students only.
- ** Management studies with a language students only.

Our interdisciplinary approach to business education will enable you to have a head start in a wide spectrum of careers. Many of our graduates have secured prestigious jobs in multinational corporations such as Accenture, BDO, Bloomberg, CIMB Bank, Dell, Deloitte, Ernst & Young, HSBC, IBM, Microsoft, PwC and Standard Chartered Bank.

Economics

“In the future I aspire to take up my masters eventually in economics. That would probably be after some work experience somewhere in the financial industry. I would also look into other options, such as working at the UN.”

Nikhil Ramchandani / BSc Economics

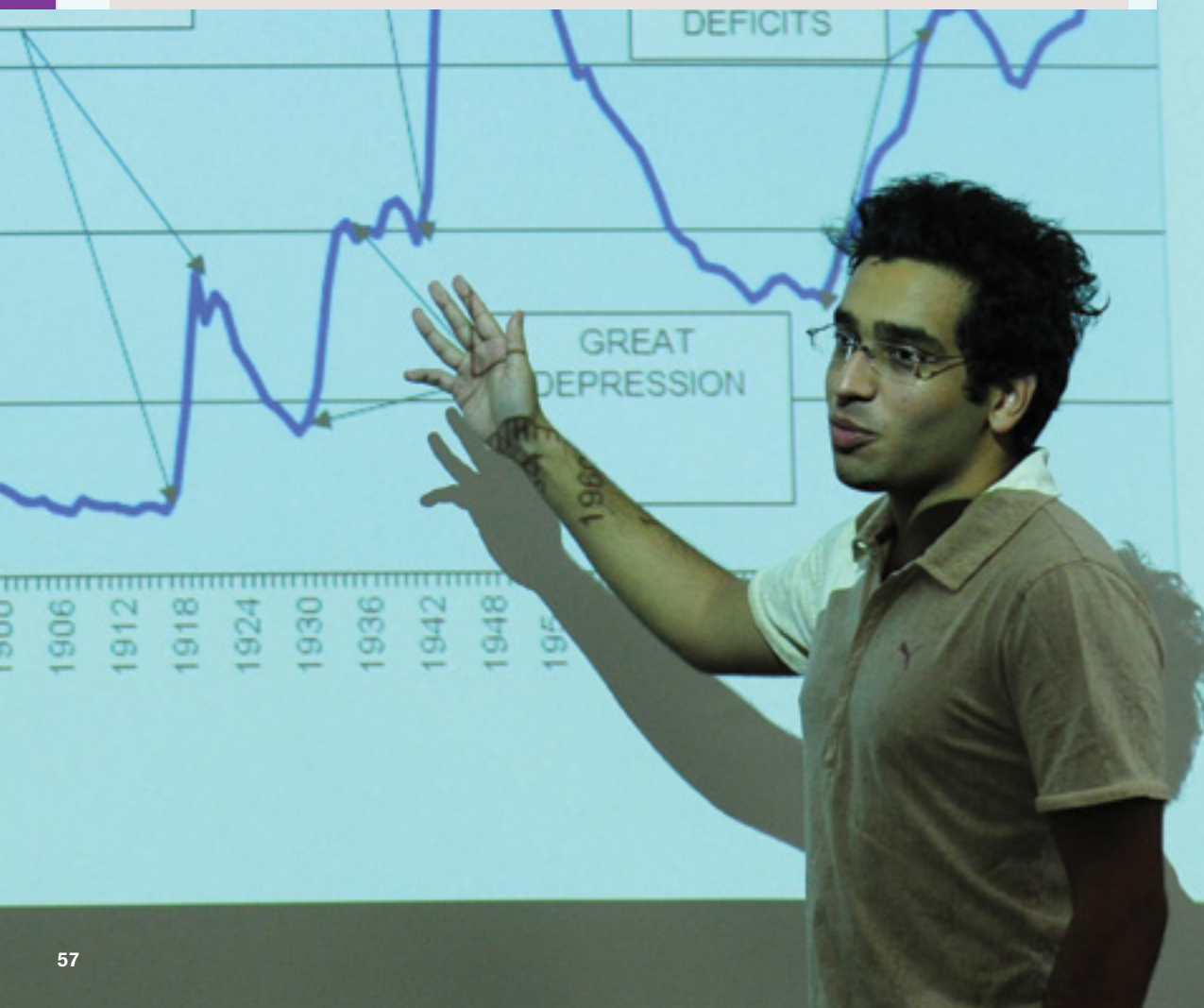


Find out more about Nikhil's experience at www.nottingham.edu.my/economics/studentexperience

Nikhil is doing an economics presentation.



Scan this using a QR code reader to watch this video on your smartphone.



Study with us because:

- Our high-quality research feeds into and inspires our teaching: we were ranked 3rd in the UK for the quality and volume of our research in the latest Research Assessment Exercise.
- The Tilburg University Top 100 Worldwide Economics Schools Research Ranking placed the School of Economics, UK, 36th in the world, 13th in Europe and 6th in the UK.
- We offer a range of specialist modules and study abroad opportunities, allowing you to tailor your degree to your own interests and develop a global perspective of economics.
- By studying at The University of Nottingham you will be following in the footsteps of some truly exceptional people, including the late Sir Clive Granger, winner of the 2003 Nobel Prize in Economic Sciences.

How will I study?

The economics programme will give you an in-depth understanding of contemporary economic theories and transferable skills such as teamwork, problem-solving and writing. Teaching is by lectures, tutorials and seminars and while you will be assessed predominantly through examinations, some modules contain elements based on seminars or essays. You will also complete a dissertation in your third year.

Career prospects and employability

Employers rate our degrees highly and recognise that our graduates have a strong academic foundation and excellent transferable skills. Economics graduates opt for a variety of professions in the private and public sector, becoming accountants and actuaries, business and financial analysts, government and policy advisors, investment and retail bankers, management consultants and pension advisors while some go on to be journalists, market researchers or teachers.

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/economics

What is economics?

Economics is a dynamic and globally relevant discipline that studies the way in which individuals, firms and governments make choices. Does an individual want more leisure time or a higher income? Does a government want to spend more money on hospitals or more on defence? Does a firm cut prices or advertise more to increase sales? Economics studies the way in which these choices are made and can inform policy in areas as diverse as commerce, education, the environment, globalisation, health and transport. It requires you to question how society works and enables you to develop and use a range of skills relevant to the world today.

Economics	Duration	Intake	Malaysian fees	International fees
Single honours				
BSc Economics UNMC(L100)8/15	3 years, full-time	September	RM33,990 per year	RM39,090 per year

Entry requirements		English language requirements
A level	ABB, excluding general studies	IELTS: 6.5 (no element below 6.0)
IB Diploma	32 points with 6,5,5 at Higher Level and 6 points in mathematics at Standard or Higher Level	TOEFL iBT: 88 (no element below 19)
STPM	AB+B+, excluding Pengajian Am	PTE (Academic): 62 (minimum 55)
UEC	6 As, excluding Bahasa Malaysia and Chinese language	SPM: grade A-
SAM/AUSMAT/HSC	ATAR (UAI)/TER/ENTER 90	1119 (GCE O Level): grade B
Canadian Pre-U	87% average based on 6 subjects with 70% in calculus and 80% in data management	GCSE/IGCSE: grade C
The University of Nottingham Malaysia Campus Foundation	Successful completion of the Foundation in Business and Management programme	UEC: grade A2
SPM/GCSE/IGCSE	In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have grade A in mathematics	IB English A1 or A2 (Standard or Higher Level): 4 points IB English B (Higher Level): 4 points IB English B (Standard Level): 5 points

Related courses

[BA Business Economics and Finance \(page 53\)](#)

[BA Business Economics and Management \(page 53\)](#)

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

BSc Economics

Your first year will provide a rigorous grounding in economic theory and quantitative methods and emphasise the relevance of such methods to the study of economic questions of importance to individuals, firms, government and society. You will cover the core principles of economics, international economics and quantitative economics and there is an emphasis on economic issues of regional and global concern. Throughout the degree you will develop the analytical and discursive skills of a well-trained economist. You will also be able to study optional modules from across the Faculty of Arts and Social Sciences.

Year 1

Typical core modules

- Introduction to Macroeconomics
- Introduction to Microeconomics
- Quantitative Economics 1 and 2

Typical optional modules

- Current Economic Issues 1 and 2
- Economic Perspectives
- Optional modules from across the Faculty of Arts and Social Sciences*

Year 2

Typical core modules

- Macroeconomic Theory
- Microeconomic Theory
- Quantitative Economics 3 and 4

Typical optional modules

- Developmental Economics
- Environmental and Resource Economics
- Experimental and Behavioural Economics
- International Trade
- Labour Economics
- Monetary Economics
- Optional modules from across the Faculty of Arts and Social Sciences*
- Public Sector Economics

Year 3

Typical core modules

- Dissertation

Typical optional modules

- Advanced Development Economics
- Advanced Environmental and Resource Economics
- Advanced Experimental and Behavioural Economics
- Advanced Macroeconomics
- Advanced Mathematical Economics
- Advanced Microeconomics
- International Money and Macroeconomy
- International Trade Policy
- Optional modules from across the Faculty of Arts and Social Sciences*

* You may select optional modules from other schools in the Faculty of Arts and Social Sciences, including Nottingham University Business School.

“My favourite module on this course is The School Teacher. I like it because it gives a reflection of how a teacher should be from a student’s point of view. It used to be that the teacher dominated the class, but in this module they say it’s student-centred learning.”

Nur Hana Shafira Binti Hamidi / BA Education with Teaching English to Speakers of Other Languages



Find out more about Nur Hana’s experience at www.nottingham.edu.my/education/studentexperience

Nur Hana studying for her course in the library.



Scan this using a QR code reader to watch this video on your smartphone.



Education

Study with us because:

- The School of Education at The University of Nottingham, UK, is one of the largest and most established education departments in the country.
- You will benefit from innovative teaching methods which are informed by our high quality research in education: we were ranked 6th in the UK for the quality and volume of our research in the latest Research Assessment Exercise.
- As part of a truly international university, we provide a cross-cultural perspective within a global context and attract students from all over the world.

What is education?

If you want to make a difference to the world there is no better way than choosing a career in education. The demand for qualified education professionals is increasing worldwide and this trend is going to continue – a career in education is your passport to a great variety of opportunities. As educators, we inspire and instruct the next generation and nurture and cultivate future leaders. Whether you dream of being a corporate trainer, education entrepreneur, elementary school teacher, professor or special education teacher, you are sure to find a career in education extremely rewarding. The knowledge, skills and competencies that you will acquire will open doors to career opportunities around the globe.

How will I study?

Our undergraduate courses blend international teacher education concepts with a variety of context-based approaches. Teaching combines lectures, seminars, workshops and tutorials with virtual learning environments and emphasis is also placed on self-led learning. Assessment is through a variety of modes of coursework and examination. You will also conduct a supervised research project (dissertation) in an area of your own choosing.

Career prospects and employability

Education is a challenging, exciting and rewarding career. Careers in education are available in four main areas: public and private schools, colleges and universities; supplementary and alternative education providers; the education products industry, including ICT, multimedia and conventional material development and publishing; and education services, including consultancy, investment services, research and technology services.

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/education



EducationUNMC

Education	Duration	Intake	Malaysian fees	International fees
Single honours				
BA Education with Special Education Needs KPT/JPS(F3-100)12/15	3 years, full-time	September	RM26,270 per year	RM28,840 per year
BEd Education with Special Education Needs KPT/JPS(F3-101)12/15	4 years, full-time	September	RM26,270 per year	RM28,840 per year
BA Education with Teaching English to Speakers of Other Languages (TESOL) KPT/JPS(F3-100)12/15	3 years, full-time	September	RM26,270 per year	RM28,840 per year
BEd Education with Teaching English to Speakers of Other Languages (TESOL) KPT/JPS(F3-101)12/15	4 years, full-time	September	RM26,270 per year	RM28,840 per year

Entry requirements		English language requirements
A level	BBC, excluding general studies	IELTS: 6.5 (no element below 6.0)
IB Diploma	28 points with 5,5,4 at Higher Level	TOEFL iBT: 88 (no element below 19)
STPM	B+B+B, excluding Pengajian Am	PTE (Academic): 62 (minimum 55)
UEC	4 As, excluding Bahasa Malaysia and Chinese language	SPM: grade A-
SAM/AUSMAT/HSC	ATAR (UAI)/TER/ENTER 82	1119 (GCE O Level): grade B
Canadian Pre-U	80% average based on 6 subjects	GCSE/IGCSE: grade C
The University of Nottingham Malaysia Campus Foundation	Successful completion of the Foundation in Arts and Education programme	UEC: grade A2 IB English A1 or A2 (Standard or Higher Level): 4 points IB English B (Higher Level): 4 points IB English B (Standard Level): 5 points

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

BA/BEd Education with Special Education Needs

BA/BEd Education with Teaching English to Speakers of Other Languages (TESOL)

The BA Education programmes are studied full-time over three years and BEd programmes are studied full-time over four years. Modules offered in years one, two and three are similar for BA and BEd programmes. However, BEd programmes require a practical teaching posting in your fourth year.

Your first year modules will introduce you to the foundation of education within different contexts. This knowledge and understanding will be developed further in your second year. In your third year you will take specialised modules relating to special education needs or to TESOL. You will also pursue your own independent research throughout the third year. If you are studying for the BEd, you will start your teaching practical during your fourth year.

Year 1

Typical core modules

- Identifying and Understanding Special Educational Needs
- Language as a Learning Tool
- Literacy in School and Society
- Portrait of a School
- The School Curriculum
- The School Teacher
- Understanding Learners and Learning
- Understanding Schools and Schooling

Year 2

Typical core modules

- Creative Curriculum
- Education and Society
- Learning Difficulties: Supporting Children, Young People and Their Families
- Learning Styles and Strategies
- Teaching Language Across the Curriculum
- Teaching Styles and Strategies

Year 3

Typical core modules

- Assessment and Evaluation in TESOL/Special Educational Needs
- Educational Inquiry (extended project)

Special education needs only

- Critical Concepts within Special Educational Needs
- Educational Research Methods
- Post-School Transition for Students with Special Educational Needs
- Socio-Cultural Attitudes to Students with Special Educational Needs
- Supporting Students with Emotional and Behavioural Challenges
- Supporting Students with Learning Difficulties
- Supporting Students with Sensory and Physical Disabilities

TESOL only

- Educational Research Methods
- Literature in the Language Classroom
- Materials for Language Teaching
- Phonetics and Phonology for Language Teaching
- Principles and Practice of English Language Teaching
- TESOL Methodology
- The Teaching of Grammar

Year 4 (BEd only)

- Planning for Continuing Professional Development
- Practical teaching in special education needs (special education needs only)
- Practical teaching in TESOL (TESOL only)
- School experience

“Opening the School of English is a really exciting time for us. The School of English at Nottingham, UK, is one of the oldest and liveliest departments there. There’s an enormous amount of competition to get on to the places that it offers. We’re really excited to be able to open up this opportunity to students over here and international students in the surrounding areas.”

Dr Kirsten Harris / Assistant Professor, School of English



Find out more about the School of English at www.nottingham.edu.my/english

Dr Kirsten Harris and Dr Stephen Pihlaja discussing the English syllabus.



Scan this using a QR code reader to watch this video on your smartphone.

English

Study with us because:

- Our School of English is one of the oldest schools of English in the UK and is known globally for its international teaching and research.
- Our research expertise is broad and includes applied linguistics, American, British, Canadian and Malaysian literatures, computer-mediated communication, creative writing, discourse analysis, metaphor studies, 19th-century literature and systemic functional linguistics.
- Our strong links with the Malaysian academic and literary communities will give you the opportunity to attend public talks, readings and literary festivals.

What is English?

English is a fascinating and wide-reaching subject which enables you to investigate how language shapes, and is shaped by, the dynamic environments in which it is used. English covers a range of areas and texts. Literature study may concentrate on relating works to their historical and social context or wider questions of artistic meaning. Language and applied linguistics study includes psychological and cognitive approaches, while creative writing will develop your writing skills and insight into the process of writing – it will train you in cultural, literary and linguistic theories, enabling you to develop the high-level creative and analytical skills needed for international interactions, whether academic or professional.

How will I study?

You will take a combination of compulsory and optional modules, which are taught in weekly seminars and combine traditional lecture-style content with small group discussions, case studies and presentations. In your first year, you can expect around 12 scheduled contact hours a week and you will spend a significant amount of time each week in independent study. Staff offer individual and small group consultations and encourage you to seek their advice and feedback on your work. You will be assessed using a combination of individual research-based essays, portfolios, exams, oral presentations and occasionally group work.

Career prospects and employability

The creative, analytical and communication skills developed during an English degree will equip you for the changing demands of the 21st-century workplace. English graduates have a range of career choices open to them. Just a few include advertising, banking, broadcasting, business, communications, the creative industries, government service, human resources, journalism, law, lecturing, management, marketing, public relations, publishing, research and teaching. Some students may choose to undertake postgraduate study or teacher training.

Find out more

t: +60 3 8924 8000
w: www.nottingham.edu.my/make-an-enquiry
w: www.nottingham.edu.my/english



UNMCEnglish



English	Duration	Intake	Malaysian fees	International fees
Single honours				
BA English Language and Literature KPT/JPS(N/145/6/0032)1/18	3 years, full-time	September	RM26,270 per year	RM28,840 per year
BA English with Creative Writing KPT/JPS(N/145/6/0033)1/18	3 years, full-time	September	RM26,270 per year	RM28,840 per year

Entry requirements		English language requirements
A level	BBB, excluding general studies	IELTS: 6.5 (no element below 6.0)
IB Diploma	30 points with 5, 5, 5 at Higher Level	TOEFL iBT: 88 (no element below 19)
STPM	B+B+B+, excluding Pengajian AM	PTE (Academic): 62 (minimum 55)
UEC	5As, excluding Bahasa Malaysia and Chinese language	SPM: grade A-
SAM/AUSMAT/HSC	ATAR(UAI)/TER/ENTER 86	1119 (GCE O Level): grade B
Canadian Pre-U	85% average based on 6 subjects	GCSE/IGCSE: grade C
The University of Nottingham Malaysia Campus Foundation	Successful completion of the Foundation in Arts and Education programme	UEC: grade A2 IB English A1 or A2 (Standard or Higher Level): 4 points IB English B (Higher Level): 4 points IB English B (Standard Level): 5 points

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

Related courses

- [BA International Communications Studies \(page 72\)](#)
- [BA International Communications Studies with English Language and Literature \(page 72\)](#)
- [BA Communications Studies with Film and Television Studies \(page 72\)](#)

BA English Language and Literature BA English with Creative Writing

On both English degrees you will study a range of core literature and language modules in years one and two, with a range of optional modules in your final year. Students taking the major/minor BA English with Creative Writing will devote two thirds of their time to the area of English and one third to creative writing. The two strands of the course are strongly connected: your developing knowledge and understanding of the various aspects of English will inform your creative writing practice, and vice versa.

Year 1

Typical core modules

- Academic Community
- Beginning Creative Writing*
- Introduction to Linguistics
- Studying Literature
- The Influence of English
- The Survey of English Literature and Drama

Year 2

Typical core modules

- Discourse, Communication and Society
- English Through Time
- Invention and Trade
- Performance Writing*
- Prose and Poetry Writing*
- Stylistics
- The Twentieth Century
- World Literatures

Year 3

Typical core modules

- Advanced Writing Practice*
- Dissertation
- Optional language and linguistics modules
- Optional literature and drama modules

* English with creative writing students only.

The creative, analytical and communication skills developed during an English degree will equip you for the changing demands of the 21st-century workplace, providing a gateway to a wide range of exciting career paths.

“I joined The University of Nottingham Malaysia Campus wanting to improve my writing skills and this course has taught me just that.”

Chalani Ranwala / BA International Communications Studies with English Language and Literature (graduate, now doing an MA at the London School of Economics)



Find out more about Chalani's experience at www.nottingham.edu.my/modern-languages/studentexperience



Scan this using a QR code reader to watch this video on your smartphone.

Chalani and her classmate Syeda Minaal Pervaiz discuss the skills they have gained from their BA International Communications Studies degree.

Modern Languages and Cultures

Study with us because:

- The School of Modern Languages and Cultures engages in dynamic and impactful research into the macro- and micro-level workings of the global media and communication environment.
- Our international staff community bring a unique set of cultural and research specialisations to the delivery of a contemporary programme with wide-ranging significance to the modern environment.
- Our campuses in the UK and China and range of industry connections provide you with the opportunity to study abroad for part of your degree and apply for summer internships within the Malaysian and international media and communication industry.
- Our BA degrees have a compulsory language component which allow you to learn a modern European or Asian language to a high degree of proficiency and provide you with a leading edge in the globally competitive job market.

What is international communications?

Media and communications underpin almost every facet of modern life, from the global economy to interpersonal relationships and our leisure time, to how we learn about the world we live in. With digitisation and convergence only accelerating this trend, there is an ever-increasing need to understand the implications of these developments and to gain the skills and knowledge necessary to participate in shaping global media and communication infrastructures.

International communications explores the complex world of communications, culture and media in their various forms – linguistic, multimodal and visual – from new technologies, politics and popular culture, to critical theory, high culture and news media. It will train you in the theories and realities of local and international media and communication, enabling you to develop the analytical, creative, practical and problem-solving skills needed to succeed in our globalised society.

How will I study?

Classes are a dynamic mix of traditional lecture-style content delivery and class discussions, where you will be encouraged to ask questions and voice your own opinions and interpretations. In addition to theoretical and philosophical approaches, our teaching methods emphasise: argumentation, communication and presentation skills; collaboration and teamworking; comprehension and information processing; independent thinking; and practical and vocational engagement. You will be assessed through individual research-based essays and presentations as well as group work in order to foster the successful team dynamic essential to many professions, and via various digital media platforms.

Career prospects and employability

An international communications degree is your passport to a variety of rewarding professions. Likely career fields include: the audio-visual, digital and print media industries; marketing; production; public relations; and research. Career paths in these fields include advertising account executives, copywriters and creative roles, news editors, journalists and reporters. Other career options include: arts or heritage administration and management; the civil service, diplomatic or embassy work and government service; non-governmental organisations, politics and think-tanks; and consultancy, human resources, management and recruitment within the international business environment. Graduates with a passion for language can pursue interpreting, publishing and translation roles and others may continue their studies and pursue research and/or teaching.

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/modern-languages



UNMCMLC



@UNMCMLC

Modern Languages and Cultures	Duration	Intake	Malaysian fees	International fees
Single honours				
BA International Communications Studies KPT/JPS(F3-K067)3/16	3 years, full-time	September	RM33,990 per year	RM37,950 per year
Major/minor				
BA International Communications Studies with English Language and Literature UNMC(PNM2)6/15	3 years, full-time	September	RM33,990 per year	RM37,950 per year
BA International Communications Studies with Film and Television Studies UNMC(PNM1)6/15	3 years, full-time	September	RM33,990 per year	RM37,950 per year

Entry requirements		English language requirements
A level	BBC, excluding general studies	IELTS: 6.5 (no element below 6.0)
IB Diploma	28 points with 5,5,4 at Higher Level and 4 points in mathematics at Standard or Higher Level	TOEFL iBT: 88 (no element below 19)
STPM	B+B+B, excluding Pengajian Am	PTE (Academic): 62 (minimum 55)
UEC	4As, excluding Bahasa Malaysia and Chinese language	SPM: grade A-
SAM/AUSMAT/HSC	ATAR(UAI)/TER/ENTER 82	1119 (GCE O Level): grade B
Canadian Pre-U	80% average based on 6 subjects	GCSE/IGCSE: grade C
The University of Nottingham Malaysia Campus Foundation	Successful completion of the Foundation in Arts and Education or Business and Management programme	UEC: grade A2
SPM/GCSE/IGCSE	In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have grade C in mathematics	IB English A1 or A2 (Standard or Higher Level): 4 points
		IB English B (Higher Level): 4 points
		IB English B (Standard Level): 5 points

Related courses

[BA English Language and Literature \(page 68\)](#)

[BA English Language and Literature with Creative Writing \(page 68\)](#)

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

BA International Communications Studies

BA International Communications Studies with English Language and Literature

BA International Communications Studies with Film and Television Studies

You will study a range of core compulsory modules in all years to give you a thorough grounding in international media and communications. You will also take additional compulsory or optional modules from within the school or faculty, with English language and literature students and film and television studies students having compulsory modules relevant to their specific areas of study.

A unique aspect of our degree programmes is the compulsory language component, where you will learn a new modern language – either French, German, Japanese, Korean, Mandarin or Spanish. You will graduate with a high level of spoken and written fluency in your chosen language, improving not only your grasp of another language and culture, but also dramatically enhancing your employability in the globally competitive job market.

You may also apply for a range of summer internships within the Malaysian and international media and communication industry throughout your degree. This internship programme is facilitated by our staff's range of industry connections as well as staff in our schools in the UK and China. You will also have the chance to apply for mobility exchanges to the UK or China Campuses in your second and third years of study.

Year 1

Typical core modules

- Approaches to Film and Television**
- Beginners French, German, Japanese, Korean, Mandarin or Spanish
- Cultures of Everyday Life
- Film History**
- Introduction to Communication Theory
- Introduction to Cultural Studies
- Introduction to Linguistics*
- Mass Media
- Studying Literature*

Year 2

Typical core modules

- Communication Technologies
- Cultural Politics
- Film and Television in Socio-Cultural Context**
- Global Media and Communication
- Intermediate French, German, Japanese, Korean, Mandarin or Spanish
- Introduction to Translation and Interpreting*
- Investigating English Language (Stylistics)*
- Political Communication, Public Relations and Propaganda
- Understanding Literary Culture*
- Transnational Film and Television**

Year 3

Typical core modules

- Advanced French, German, Japanese, Korean, Mandarin or Spanish
- Cinema in Southeast Asia: Genre and Cultural Identities**
- Dissertation in International Communication Studies Part I
- Dissertation in International Communication Studies Part II
- Documentary Film and Documentary Practice
- Media and Conflict
- Modern British Fiction
- Patterns, Functions and Descriptions of English*
- Other advanced modules within English language and literature and film and television studies
- Writing for the Media

* Compulsory for English language and literature students only.

** Compulsory for film and television studies students only.

“It really is an international campus. What’s great is you encounter different cultures, people from everywhere.”

Soumia Mekki / BA International Relations



Find out more about Soumia's experience at www.nottingham.edu.my/politics/studentexperience

Soumia is reading course notes in the Faculty of Arts and Social Sciences Building.



Scan this using a QR code reader to watch this video on your smartphone.

Politics, History and International Relations

Study with us because:

- As part of a global university with a thriving international student body, the School of Politics, History and International Relations provides a unique environment for studying international relations. You can also take modules related to Asian studies, international development and politics more generally.
- Our academic staff are trained educators engaged in a range of internationally recognised cutting-edge, policy relevant and curiosity driven research.
- We offer numerous opportunities for academic engagement beyond the official curriculum, including subject-specific student societies such as the Debating Society, Model United Nations and our school student society, PHIR-NOTT, and internship and study abroad opportunities.
- You'll engage with policymakers from international organisations and the public sector and benefit from seminars and talks from visiting academics as well as the intellectual opportunities offered by various embassies, international organisations and research institutes based in Kuala Lumpur.

What is international relations?

There has never been a more relevant or exciting time to study politics and international relations on an Asian campus. Economic globalisation, social mobility and rapid changes in domestic, regional and global politics increasingly impact on our daily lives. International relations studies the complex relations between and among states, development, societies, individuals, identities and cultures in areas such as economics, law, politics and security. It considers some of the most burning questions of the day, such as: how power and resources are allocated on the international stage, where and when power is exercised and justified, who power is exercised for, and why it is exercised in the way it is. It also investigates deeper questions relating to how we understand and conceptualise contemporary global transformations.

How will I study?

Our teaching methods are designed to nurture deep knowledge of the field and to help you develop the transferable skills required to succeed in your future career. As well as lectures and seminars, our staff utilise films, role plays and simulations, often in problem-solving settings. You will be presented with a variety of challenges and types of assessment, including essays, exams, group projects, policy papers, presentations and reviews. The school specialises in small group teaching, which will enable you to explore the subject as it is practiced – through intense debate and discussion.

Career prospects and employability

Our degrees will equip you for a career in a variety of fields including aid and non-governmental sectors, finance and international businesses, foreign ministries, international media and journalism, international organisations, local and national government, lobbying and policy advice and think-tanks.

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/politics



UNMCPolitics

Politics, History and International Relations	Duration	Intake	Malaysian fees	International fees
Single honours				
BA International Relations KPT/JPS(F3-K067)3/16	3 years, full-time	September	RM33,990 per year	RM37,950 per year
Major/minor				
BA International Relations with French UNMC(PNM2)6/15	3 years, full-time	September	RM33,990 per year	RM37,950 per year
BA International Relations with German UNMC(PNM1)6/15	3 years, full-time	September	RM33,990 per year	RM37,950 per year
BA International Relations with Japanese UNMC(PNM2)6/15	3 years, full-time	September	RM33,990 per year	RM37,950 per year
BA International Relations with Korean UNMC(PNM1)6/15	3 years, full-time	September	RM33,990 per year	RM37,950 per year
BA International Relations with Mandarin UNMC(PNM2)6/15	3 years, full-time	September	RM33,990 per year	RM37,950 per year
BA International Relations with Spanish UNMC(PNM1)6/15	3 years, full-time	September	RM33,990 per year	RM37,950 per year

“In my 3 years at The University of Nottingham Malaysia Campus, I have been fortunate enough to be selected to go to Nottingham’s International Summer School in Ningbo, China and Nottingham’s Inter-Campus exchange programme in the UK where I attended the Commonwealth Youth Action Event. This gave me a truly international dimension to my international relations degree and allowed me to embrace the ‘knowledge without borders’ spirit of our University.”

Farah Norzam

BA International Relations with Mandarin

Entry requirements	English language requirements
BA International Relations	
A level	BBB excluding general studies
IB Diploma	30 points with 5,5,5, at Higher Level and 5 points in mathematics at Standard or Higher Level
STPM	B+B+B+ excluding Pengajian Am
UEC	5 As, excluding Bahasa Malaysia and Chinese language
SAM/AUSMAT/HSC	Applicants with these backgrounds are strongly encouraged to apply and are welcome to contact the school beforehand if they wish to discuss eligibility
Canadian Pre-U	Successful completion of the Foundation in Arts and Education or Business and Management programme
The University of Nottingham Malaysia Campus Foundation	In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have grade C in mathematics
SPM/GCSE/IGCSE	
BA International Relations with a language	
Applicants for degree programmes with a language minor must have no prior knowledge of that language	
A level	ABB, excluding general studies
IB Diploma	32 points with 6,5,5, at Higher Level and 5 points in mathematics at Standard or Higher Level
STPM	AB+B+, excluding Pengajian Am
UEC	6 As, excluding Bahasa Malaysia and Chinese language
SAM/AUSMAT/HSC	Applicants with these backgrounds are strongly encouraged to apply and are welcome to contact the school beforehand if they wish to discuss eligibility
Canadian Pre-U	Successful completion of the Foundation in Arts and Education or Foundation in Business and Management programme
The University of Nottingham Malaysia Campus Foundation	In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have grade C in mathematics
SPM/GCSE/IGCSE	

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

BA International Relations

BA International Relations with French/German/Japanese/Korean/Mandarin/Spanish

Your first year will introduce you to the key analytical approaches used in the study of global politics, drawing on international political events in historical and contemporary settings. Your second year modules will focus on contemporary history, global society, political economy and security and prepare you for your final year dissertation by providing training in research techniques. You may pursue your own independent research project during your third year while taking optional modules based on the research expertise of our staff.

Year 1

Typical modules

- Approaches to Global Politics
- Beginners French/German/Japanese/Korean/Mandarin/Spanish*
- European Union Studies
- The Making of Modern Asia
- Paths to Modernity, Europe 1789-1945
- Power and Contest: Living in a Political World

Year 2

Typical modules

- The Contemporary World since 1945
- Cultural Politics
- Designing International Relations Research
- Global Media
- Global Political Economy and International Development
- Intelligence and International Relations
- Intermediate French/German/Japanese/Korean/Mandarin/Spanish*
- The International Relations of the Asia Pacific
- International Security
- Introduction to Global Citizenship

Year 3

Typical modules

- Advanced French, German, Japanese, Korean, Mandarin or Spanish*
- Asian Study Tour
- Culture, Identity and Political Transformation in the Asia-Pacific
- International Organisations
- The International Politics of Food, Hunger and Development
- Nations and Nationalism
- The Politics of European Monetary (Dis)integration
- War, Power and Modern Societies
- Dissertation

* International relations with a language students only.

“The strength of the school lies in the people we have: the academic staff, students and support from the administrative staff. The academic staff are all experts in their field, and the relatively small size of the school has cultivated a close-knit family that allows us to have closer and direct interaction with our lecturers.”

Mo Xiang Wong

BA International Relations with French

Undergraduate student, Chan Kin Keong, working on the Einstein refrigerator.

Engineering

Chemical and Environmental Engineering	81
Civil Engineering	85
Electrical and Electronic Engineering	89
Mechanical, Materials and Manufacturing Engineering	95

“The most important thing the course has taught me is how to become a good engineer. I am taught to think critically and have the opportunity to plan and design a plant, taking into account environment, safety and cost.”

Ooi Chel Gee/ MEng Chemical and Environmental Engineering



Find out more about Chel Gee's experience at www.nottingham.edu.my/engineering/chemical/studentexperience



Scan this using a QR code reader to watch this video on your smartphone.

Chel Gee is in an engineering laboratory operating a gas absorption rig.

Chemical and Environmental Engineering

Study with us because:

- Chemical engineering has been established at The University of Nottingham for over 50 years.
- In the latest Research Assessment Exercise we ranked in the top three UK institutions for research along with Cambridge and Oxford.
- We have a long history of collaboration with industry, and graduates gain jobs with major companies such as Accenture, ExxonMobil, Shell and Unilever.

Industrial training

Industrial training is compulsory if you pursue the MEng degree curriculum. You will be expected to participate in industrial training during the summer vacation after the second year of study, although participation in other years or multiple-participation is also allowed. All industrial training must last at least 12 consecutive weeks in the same company or institution. If you pursue the BEng degree you are not required to participate but will be strongly encouraged to do so. Industrial training also provides a great way to identify top career prospects.

Professional accreditation

All our courses are accredited by the Institution of Chemical Engineers, while only the MEng courses are accredited by the Engineering Accreditation Council Malaysia.

What is chemical engineering?

Chemical engineering can be defined as the processing of materials on a commercial scale, ranging from traditional commodities and utilities through to modern, high added-value products. This involves the integration of engineering principles and applications with chemistry and other sciences. Chemical engineers work in a range of companies manufacturing products as diverse as bulk chemicals, drinks, fine chemicals, food, petroleum products, pharmaceuticals and synthetic fabrics. Their job is to transform raw materials into useful products with the minimum environmental impact. Our chemical engineering with environmental engineering course is intended to equip you with the skills to specialise in environmental aspects of the discipline.

Career prospects and employability

With our unique combination of chemical and environmental engineering, we are well placed to provide multi-skilled graduates to work in a diverse range of industries including energy, environmental services, food, oil and gas and the pharmaceutical sector, as well as government agencies and departments around the world.

How will I study?

The BEng and MEng degree programmes have common first and second years, with all students following the same course of study for two years. At the end of your second year you can choose to continue for either a three-year BEng degree or four-year MEng degree. Both the BEng and MEng will provide you with the same core skills but by choosing to study for the MEng you will undertake a more substantial project with greater opportunity for specialisation and experience of research methods. We strongly recommend the MEng route if you wish to pursue an engineering career.

You will be equipped for a career in chemical engineering, working as a professional in areas such as process and product design or plant management, or for work in other disciplines benefitting from the technical and problem-solving skills you will have acquired. Additionally, the chemical engineering with environmental engineering degrees equip you for a career in environmental engineering, perhaps working as a professional in environment related functions such as materials recycling, pollution control or waste treatment.

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/engineering/chemical

Chemical and Environmental Engineering	Duration	Intake	Malaysian fees	International fees
Single honours				
BEng Chemical Engineering KPT/JPS(F3-K061/062/(A10470))3/16	3 years, full-time	September	RM41,450 per year	RM45,420 per year
MEng Chemical Engineering KPT/JPS(F3-K061/062/(A10470))3/16	4 years, full-time	September	RM41,450 per year	RM45,420 per year
Major/minor				
BEng Chemical Engineering with Environmental Engineering KPT/JPS(F3-K063/064)/(A10472)3/16	3 years, full-time	September	RM41,450 per year	RM45,420 per year
MEng Chemical Engineering with Environmental Engineering KPT/JPS(F3-K063/064)/(A10472)3/16	4 years, full-time	September	RM41,450 per year	RM45,420 per year

Entry requirements	English language requirements
A level ABB, including mathematics and either chemistry or physics, excluding general studies	IELTS: 6.0 (no element below 5.5)
IB Diploma 32 points, including 5 points in mathematics (Higher Level) and 5 points in either chemistry or physics (Higher Level)	TOEFL iBT: 79 (no element below 19)
STPM AB+B+, including mathematics and either chemistry or physics, excluding Pengajian Am	PTE (Academic): 55 (minimum 51)
UEC 5 As including chemistry, mathematics and physics, and grade B in 2 further academic subjects, excluding Chinese language	SPM: grade B+
SAM/AUSMAT/HSC ATAR(UAI)/TER/ENTER 90 including chemistry, mathematics and physics	1119 (GCE O Level): grade C
Canadian Pre-U 87% average based on 6 subjects, including mathematics and science subjects	GCSE/IGCSE: grade C
The University of Nottingham Malaysia Campus Foundation Successful completion of the Foundation in Engineering programme	UEC: grade B3
	IB English A1 or A2 (Standard or Higher Level): 4 points
	IB English B (Higher Level): 4 points
	IB English B (Standard Level): 5 points

Related courses

- [BSc Biomedical Sciences \(page 104\)](#)
- [BSc Environmental Science \(page 108\)](#)
- [BSc Pharmaceutical and Health Sciences \(page 121\)](#)
- [MPharm Pharmacy \(page 121\)](#)

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

BEng/MEng Chemical Engineering with Environmental Engineering

These programmes will provide you with core scientific and engineering knowledge coupled with a range of transferrable skills – analysis, communications, IT, management, problem solving and teamwork – to prepare you for a career in areas such as commodity and specialty chemicals, fertilisers, food processing, fuels and energy production, minerals processing, petrochemicals, petroleum refining, pharmaceuticals or water treatment. If you opt to take the BEng/MEng Chemical Engineering with Environmental Engineering you will acquire the essential core knowledge and skills of chemical engineering enhanced with an emphasis on the minimisation of environmental impacts, enabling you to create environmentally responsible solutions to the engineering challenges of tomorrow.

Year 1

Typical core modules

- Chemistry in the Environment
- Engineering Mathematics
- Engineering Thermodynamics
- Fluid Mechanics
- Fundamentals of Engineering Design
- Heat and Mass Transfer
- Introductory Chemistry
- Introductory Geology
- Physics and Process Chemistry
- Process Engineering Fundamentals
- Separation Processes Fundamentals

Year 2

Typical core modules

- Analytical Measurement
- Chemical and Phase Equilibria
- Differential Equations and Calculus for Engineers
- Engineering Materials
- Environmental Field Course**
- Fundamentals of Process Control
- Interfacial Chemistry*
- Particle Mechanics
- Plant Design
- Probabilistic and Numerical Techniques for Engineers
- Process Engineering Project*
- Separation Processes 1
- Site Investigation**
- Waste Management

Year 3

Typical core modules

- Air Pollution**
- Biochemical Engineering*
- Chemical Engineering Laboratory
- Chemical Product Design*
- Design Project
- Multi-Component Separations
- Process Dynamics and Control
- Process Simulation 1
- Project Management
- Reactor Design
- Transport Phenomena
- Water Treatment**

Year 4 (MEng only)

Typical core module

- MEng Project

Typical optional modules

- Advanced Computational Methods
- Advanced Process Control
- Advanced Reaction Engineering
- Advanced Rheology and Materials
- Air Pollution 2
- Computational Fluid Dynamics
- Food Processing Technology
- Industrial Dehydration
- Microfluidic Technology
- Multiphase Systems
- Nanotechnology
- Petroleum Chemistry
- Power Generation and Carbon Capture
- Process Design and Optimisation
- Process Synthesis and Design
- Statistical Process Control and Quality Management
- Water Treatment Engineering

* Chemical engineering students only.

** Chemical engineering with environmental engineering students only.

“It’s a very varied course. You don’t get tied down to one discipline and you get to learn about a variety of topics applicable in the world around you.”

Sam Cox / BEng Civil Engineering



Find out more about Sam’s experience at www.nottingham.edu.my/engineering/civil/studentexperience



Scan this using a QR code reader to watch this video on your smartphone.

Sam is preparing to start a concrete-mixing practical in a laboratory.

Civil Engineering

Study with us because:

- You will follow the same high-quality degree curriculum that has helped civil engineering at The University of Nottingham, UK, to be consistently rated among the top civil engineering departments in Great Britain.
- Our course is informed by world-leading research that ranked the Department of Civil Engineering 2nd in the UK in the latest Research Assessment Exercise.
- During your studies you will have the opportunity to spend up to two semesters at the UK or China Campuses (at Malaysia fees) and the option to transfer to the UK after your first, second or third year (at UK fees).

What is civil engineering?

Every day we rely on some aspect of civil engineering to enable us to live our lives. As a civil engineer you will be socially aware and interested in working with people to solve problems and meet challenges. Whether it is building the Millau Viaduct in southern France, the London Eye, the Petronas Towers in Kuala Lumpur or life-saving water treatment plants in developing countries, civil engineering is the core discipline that enables such projects to happen. Civil engineers must consider many factors in the design process, from the construction costs and expected lifetime of a project to government regulations and potential environmental hazards such as earthquakes. Touching just about every kind of structure you can think of – bridges, roads, skyscrapers, tunnels, water supply facilities and even the coast and flood defences that protect homes – civil engineering is fundamental to the world around us and underpins a modern society.

How will I study?

The BEng and MEng degree programmes have common first and second years, with all students following the same course of study for two years. At the end of your second year you can choose to continue for either a three-year BEng degree or four-year MEng degree. Both the BEng and MEng will provide you with the same core skills but by choosing to study for the MEng you will undertake a more substantial project with greater opportunity for specialisation and experience of research methods. We strongly recommend the MEng route if you wish to pursue an engineering career.

Industrial training

Industrial training is compulsory if you pursue the MEng degree curriculum. You will be expected to participate in industrial training during the summer vacation after the second year of study, although participation in other years or multiple-participation is also allowed. All industrial training must last at least 12 consecutive weeks in the same company or institution. If you pursue the BEng degree you are not required to participate but will be strongly encouraged to do so. Industrial training also provides a great way to identify top career prospects.

Professional accreditation

Our programmes are accredited by the Institution of Civil Engineers, the Institution of Highways and Transportation and the Institution of Structural Engineers and meet the current requirements of the Engineering Council UK. Additionally, our MEng programme is accredited by the Board of Engineers Malaysia.

Career prospects and employability

Civil engineers are needed all over the world in construction, design and management positions. By the end of the course you will be equipped to embark on a career in civil engineering or other discipline that requires numerate, problem-solving graduates who are perfectly prepared to find employment across specialties including construction, geotechnical, structural design, transportation, urban planning and water resources.

Find out more

t: +60 3 8924 8000
w: www.nottingham.edu.my/make-an-enquiry
w: www.nottingham.edu.my/engineering/civil



UNMC.civil

Civil Engineering	Duration	Intake	Malaysian fees	International fees
Single honours				
BEng Civil Engineering KPT/JPS(H201)3/15	3 years, full-time	September	RM41,450 per year	RM45,420 per year
MEng Civil Engineering KPT/JPS(H201)3/15	4 years, full-time	September	RM41,450 per year	RM45,420 per year

Entry requirements		English language requirements
A level	BBB, including mathematics and physics, excluding general studies	IELTS: 6.0 (no element below 5.5)
IB Diploma	30 points, including 5 points in mathematics (Higher Level) and 5 points in physics (Higher Level)	TOEFL iBT: 79 (no element below 19)
STPM	B+B+B+, including mathematics and physics, excluding Pengajian Am	PTE (Academic): 55 (minimum 51)
UEC	5 As including chemistry, mathematics and physics, and grade B in 2 further academic subjects, excluding Chinese language	SPM: grade B+
SAM/AUSMAT/HSC	ATAR(UAI)/TER/ENTER 86 including chemistry, mathematics and physics	1119 (GCE O Level): grade C
Canadian Pre-U	85% average based on 6 subjects, including mathematics and science subjects	GCSE/IGCSE: grade C
The University of Nottingham Malaysia Campus Foundation	Successful completion of the Foundation in Engineering programme	UEC: grade B3
		IB English A1 or A2 (Standard or Higher Level): 4 points
		IB English B (Higher Level): 4 points
		IB English B (Standard Level): 5 points

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

BEng/MEng Civil Engineering

The main areas and principles of civil engineering are introduced in the first and second years. More advanced subjects are included in later years, together with optional modules. You will undertake a range of activities, including field courses, group-based design work, laboratory work, CAD work and individual projects in your second and third years. Assessment at the end of each semester combines coursework, examinations, laboratory work and projects. Progression through each course is based on an annual appraisal covering all modules from the preceding year.

In the fourth year of the MEng, you will be able to choose from a range of optional modules and undertake an individual design project. You will also complete a group design project, designing and planning a civil engineering project that aims to integrate all the disciplines covered on the course. Typical projects include highway schemes, retail parks, residential complex development and water works.

Year 1

Typical core modules

- Communications
- Conceptual Design Project
- Geotechnics
- Hydraulics
- Industry and Profession
- Management
- Materials
- Mathematics
- Structural Mechanics
- Surveying
- Surveying Field Course

Year 2

Typical core modules

- Construction Management
- Civil Engineering Design Project
- Geotechnics
- Hydraulics
- Materials
- Structures
- Surveying

Year 3

Typical core modules

- Construction Management
- Engineering in Context (MEng only)
- Geotechnics
- Hydraulics
- Industrial Training
- Investigative Project (BEng only)
- Materials Structures

Typical optional modules

- Environmental Geotechnology
- Pavement Engineering
- Railway Engineering
- Steel Structures

Year 4 (MEng only)

Typical core modules

- Group Design Project

Typical optional modules

- Advanced Pavement Materials
- Coastal Engineering
- Computational Fluid Dynamics
- Concrete Structures
- Concrete Technology
- Construction Management Processes
- Construction Planning and Risk
- Finite Element Analysis
- Investigative Project
- Natural Hazards and Environmental Fluid Mechanics
- Soil Mechanics
- Traffic Engineering

“My final year project is basically to model a lighting system for homes and buildings. To create an automated system using a micro-controller so that I can use my PC to tell which light to go on and which light to go off.”

Krystle Tan / MEng Electrical and Electronic Engineering



Find out more about Krystle's experience at www.nottingham.edu.my/engineering/electrical/studentexperience

Krystle is working on her final year project.



Scan this using a QR code reader to watch this video on your smartphone.

Electrical and Electronic Engineering

Study with us because:

- A Nottingham degree has a high reputation within the electrical and electronic engineering industry, opening up a world of opportunity and prospects.
- The Ministry of Higher Education Tracer Survey 2012 found that 96% of University of Nottingham Malaysia Campus graduates were in employment within six months of graduation – one of the highest graduate employment rates in Malaysia.
- Our courses will equip you with a variety of skills that allow for adaptation and improvisation in the fast-changing world of technology.

What is electrical and electronic engineering?

Electrical and electronic engineering continues to transform the way we live – from the latest consumer products through to sophisticated scientific and industrial technologies. It can form a platform for many different disciplines ranging from renewable energy to nanotechnology and provide you with a thorough grounding in both academic and practical aspects. Our courses enable you to specialise in a particular branch of the subject dependent upon your interests and talents. One of these branches, mechatronic engineering, is a professional discipline that encompasses electrical, electronic and mechanical engineering with intelligent embedded control. Mechatronic engineers explore and utilise new technologies in automation and robotics to allow tasks in hazardous environments or precise positioning to be accomplished for the benefits of health, safety, society and economy.

How will I study?

Our BEng or MEng option will provide you with the same core skills, however, the MEng will offer added advantage in terms of a more substantial project with greater opportunity for specialisation and experience of research methods. We strongly recommend the MEng route if you wish to pursue an engineering career.

Lectures, practical laboratory sessions and project work are supplemented by problem-solving workshops and tutorials. For a typical week in your first year, you can expect to attend around 10-12 hours of lectures, 5 hours of problem-based workshops, 6 hours of practical, hands-on laboratory sessions and 1 hour in a small group tutorial. Additionally you will undertake independent work and complete necessary reading in preparation for writing reports and laboratory experiments. You will be assessed through a range of methods including coursework, dissertation and oral presentations, as well as tests and examinations.

Industrial training

Industrial training is compulsory if you pursue the MEng degree curriculum. You will be expected to participate in industrial training during the summer vacation after the second year of study, although participation in other years or multiple-participation is also allowed. All industrial training must last at least 12 consecutive weeks in the same company or institution. If you pursue the BEng degree you are not required to participate but will be strongly encouraged to do so. Industrial training also provides a great way to identify top career prospects.

Professional accreditation

All of our BEng and MEng undergraduate courses are fully accredited by the Institution of Engineering and Technology. Our MEng courses are also currently accredited by the Board of Engineers Malaysia.

Career prospects and employability

Electrical and electronic engineering continue to be buoyant industries. Many of our graduates pursue engineering careers in a range of industries such as devices and systems design and development, electrical and electronic design, electrical and electronic equipment, manufacturing, systems design and fabrication, power plants and transmission. Others enter the management and commerce sector or software and IT. Some also choose to continue their studies with further education.

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/engineering/electrical



Electrical and Electronic Engineering	Duration	Intake	Malaysian fees	International fees
Single honours				
BEng Electrical and Electronic Engineering KPT/JPS(H603)3/15	3 years, full-time	September	RM41,450 per year	RM45,420 per year
MEng Electrical and Electronic Engineering KPT/JPS(H603)3/15	4 years, full-time	September	RM41,450 per year	RM45,420 per year
BEng Mechatronic Engineering KPT/JPS(F3-K058)/(A10459)3/16	3 years, full-time	September	RM41,450 per year	RM45,420 per year
MEng Mechatronic Engineering KPT/JPS(F3-K058)/(A10459)3/16	4 years, full-time	September	RM41,450 per year	RM45,420 per year

Entry requirements		English language requirements
A level	BBB, including mathematics and physics, excluding general studies	IELTS: 6.0 (no element below 5.5)
IB Diploma	30 points, including 5 points in mathematics (Higher Level) and 5 points in physics (Higher Level)	TOEFL iBT: 79 (no element below 19)
STPM	B+B+B+, including mathematics and physics, excluding Pengajian Am	PTE (Academic): 55 (minimum 51)
UEC	5 As including mathematics, physics and chemistry, and grade B in 2 further academic subjects, excluding Chinese language	SPM: grade B+
SAM/AUSMAT/HSC	ATAR(UAI)/TER/ENTER 86 including mathematics, physics and chemistry	1119 (GCE O Level): grade C
Canadian Pre-U	85% average based on 6 subjects, including mathematics and science subjects	GCSE/IGCSE: grade C
The University of Nottingham Malaysia Campus Foundation	Successful completion of the Foundation In Engineering programme	UEC: grade B3
		IB English A1 or A2 (Standard or Higher Level): 4 points
		IB English B (Higher Level): 4 points
		IB English B (Standard Level): 5 points

Related courses

- [BSc Computer Science \(page 114\)](#)
- [BSc Computer Science with Artificial Intelligence \(page 114\)](#)
- [BSc Computer Science and Management Studies \(page 115\)](#)
- [BSc Software Engineering \(page 116\)](#)

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

BEng/MEng Electrical and Electronic Engineering

This degree offers you the chance to study a range of topics while still allowing you to specialise in the later years of the course. Topics including communications, computer modelling, electrical machines, electronic design, instrumentation, microelectronics, power generation and distribution, signal processing, software engineering and renewable energy systems make this a truly multidisciplinary degree.

Year 1

Typical core modules

- Engineering Mathematics
- Introduction to Circuits and Fields
- Introduction to Communication Engineering
- Introduction to Computer Engineering
- Introduction to Electrical Engineering
- Introduction to Electronic Engineering
- Introduction to Real-Time Systems
- Laboratory and Presentation Skills

Year 2

Typical core modules

- Electrical Engineering Design Project
- Electronic Construction Project
- Electronic Engineering
- Mathematical Techniques for Electrical and Electronic Engineers
- Power Supply Electronics
- Probabilistic and Numerical Techniques for Engineers
- Professional Skills for Electrical and Electronic Engineers
- Signal Processing and Control Engineering
- Software Engineering Design
- Telecommunications

Year 3

Typical core modules

- Business Planning for Engineers (BEng only)
- Group Project (MEng only)
- Individual Project (BEng only)

Typical optional modules

- Control Systems Design*
- Digital Communications
- Digital Video Communication Systems
- Electrical Machines
- Electronic Design
- Embedded Computing
- Energy Conversion for Motor and Generator Drives
- Engineering Software: Design and Implementation
- Fields Waves and Antennas*
- IT Infrastructure
- Microwave Communications
- Power Electronic Design
- Power Networks
- Solid State Devices
- Telecommunication Electronics
- Visual Information Computing
- Very Large Scale Integration (VLSI) Design
- Web-Based Computing

MEng only

- Advanced Mathematical Techniques in Partial Differential Equations for Engineers
- Industrial Awareness*
- Mathematics for Engineering
- Mathematical Techniques in Partial Differential Equations for Engineers

Year 4 (MEng only)

Typical core module

- Industrial/Research-Oriented Project

Typical optional modules

- Advanced Alternating Current (AC) Drives**
- Advanced Control System Design**
- Advanced Power Conversions
- Business Ethics
- Digital Signal Processing for Telecommunications, Multimedia and Instrumentation**
- Entrepreneurship and Business
- Financial Accounting
- Hardware Accelerated Computing
- Hardware Description Language (HDL) for Programmable Logic**
- Instrumentation and Measurement**
- Managing the Marketing Mix
- Marketing Strategy
- Mobile Communications**
- New Venture Creation
- Radio Frequency Microelectronics**
- Strategic Management

* Compulsory for MEng students.

** These modules can be taken with or without a project.

BEng/MEng Mechatronic Engineering

There has been a growing interest and demand in industry for professional mechatronic engineers in recent years and the principal aim of the programme is to equip you to work at a professional level in related industries. You will develop practical knowledge and skills to examine and programme basic mechatronic integrated systems with practical experiments in instrumentation, measurement and control of hydraulic and pneumatic and electric systems. You will also be introduced to practical concepts in robotics. Studying the MEng enables you to conduct a group project to develop mechatronic products.

Year 1

Typical core modules

- Design and Manufacture 1
- Dynamics of Mechanical Systems
- Engineering Mathematics
- Introduction to Circuits
- Introduction to Computer Engineering
- Introduction to Electrical Engineering
- Introduction to Electronic Engineering
- Laboratory and Presentation Skills
- Mechanics of Solids

Year 2

Typical core modules

- Design and Manufacture 2
- Electrical Engineering Design Project
- Electronic Engineering
- Marketing Strategy
- Mathematical Techniques for Electrical and Electronic Engineers
- Probabilistic and Numerical Techniques for Engineers
- Signal Processing and Control Engineering
- Thermodynamics and Fluid Mechanics

Year 3

Typical core modules

- Control System Design
- Instrumentation and Measurement
- Mechatronics Laboratory
- Neural Networks
- Robotics, Dynamics and Control
- Third Year Project

Typical optional modules

- Advanced Dynamics of Machines
- Advanced Mathematical Techniques in Ordinary Differential Equations for Engineers
- Business Ethics
- Electrical Machines
- Electronic Design
- Embedded Computing
- Energy Conversion for Motor and Generator Drives
- International Business Strategy
- Introduction to Automotive Technology
- Material Models and Modes of Failure
- Mathematical Techniques in Partial Differential Equations for Engineers
- Mathematics for Engineering Management
- Mechanics of Solids 2
- Mechanics of Solids 3
- Rapid Product Development
- Risk and Reliability
- Thermodynamic and Fluid Mechanics 2
- Visual Information Computing

Year 4 (MEng only)

Typical core modules

- Mechatronics Development Project

Typical optional modules

- Advanced Alternating Current (AC) Drives*
- Advanced Control System Design*
- Advanced Mathematical Techniques in Ordinary Differential Equations for Engineers
- Advanced Technology Review
- Computer Hardware Design
- Digital Signal Processing for Telecommunications, Multimedia and Instrumentation*
- Elements of Noise Investigation
- Hardware Accelerated Computing
- Hardware Description Language (HDL) for Programmable Logic*
- Industrial Awareness
- Integrated Systems Analysis
- Mathematical Techniques in Partial Differential Equations for Engineers
- Mechanics of Solid 2
- Mechanics of Solid 3
- Rapid Project Development
- Risk and Reliability
- Thermodynamics and Fluid Mechanics 2

* These modules can be taken with or without a project.

Electrical and electronic engineering can form a platform for many different disciplines ranging from nanotechnology to renewable energy. The knowledge acquired during the course will equip you with a variety of skills that allows for adaptation and improvisation in the fast-changing world of technology.

“I plan to pursue a career in an oil and gas company as I am actually under the Petronas scholarship. I also have the internship with Petronas so I have work experience in the oil and gas company.”

Tan Sang Huey / MEng Mechanical Engineering



Find out more about Sang Huey's experience at www.nottingham.edu.my/engineering/mechanical/studentexperience

Sang Huey working on her final year project to catalyze raw palm oil into biodiesel.



Scan this using a QR code reader to watch this video on your smartphone.

Mechanical, Materials and Manufacturing Engineering

Study with us because:

- The Department of Mechanical, Materials and Manufacturing Engineering is one of the leading departments of its kind in the world: we ranked 4th in the UK in the latest Research Assessment Exercise for the quality of our research.
- Our close links with industry such as Autoliv, Dyson and Panasonic and our research-led teaching ensure that our courses are informed by the latest developments and are relevant to industry today.
- Our comprehensive, well-structured course will help you develop your potential and become a world class engineer.

Industrial training

Industrial training is compulsory if you pursue the MEng degree curriculum. You will be expected to participate in industrial training during the summer vacation after the second year of study, although participation in other years or multiple-participation is also allowed. All industrial training must last at least 12 consecutive weeks in the same company or institution. If you pursue the BEng degree you are not required to participate but will be strongly encouraged to do so. Industrial training also provides a great way to identify top career prospects.

Professional accreditation

Our mechanical engineering degree is accredited by the Institution of Mechanical Engineers and the Institution for Engineering Designers, which means that our degrees are recognised under the Washington Accord and the qualification can be used towards your registration as a Chartered Engineer with the Engineering Council, UK. In Malaysia, the MEng Mechanical Engineering is accredited by the Engineering Accreditation Council (EAC), Malaysia.

Career prospects and employability

Our graduates commonly hold multiple job offers from some of the world's leading companies in sectors as diverse as aerospace, agriculture, automotive, biotechnology, finance, foundries, IT, marine, medicine, mining, oil and gas, power generation, robotics and many others. Typical roles include computer modellers, consultants, designers, maintenance engineers, manufacturing engineers, project engineers, project managers and quality control managers plus a whole host of related mechanical engineering roles.

What is mechanical engineering?

Mechanical engineering is a uniquely broad-based profession. Mechanical engineers apply their scientific knowledge to solve problems and design machines that help us to enjoy a better life. In addition to areas traditionally associated with the discipline, such as aerospace, automotive, manufacturing and power generation industries, mechanical engineers also work within interdisciplinary teams solving problems in areas such as bioengineering, electrical and electronic systems, environmental protection, food, nanotechnology and the renewable energy industry.

How will I study?

The first two years of the BEng and MEng degree programmes are common and at the end of your second year you can choose to continue for either a three-year BEng degree or four-year MEng degree, provided you exceed the MEng performance benchmark. Both the BEng or MEng option will provide you with the same core skills but by choosing to study for the MEng you will undertake a more substantial project with greater opportunity for specialisation and experience of research methods. The large range of optional modules in your third year (and fourth year for MEng students) allows you to follow specific themes and to develop areas of expertise and interest. We strongly recommend the MEng route if you wish to pursue an engineering career.

Find out more

t: +60 3 8924 8000
w: www.nottingham.edu.my/make-an-enquiry
w: www.nottingham.edu.my/engineering/mechanical

Mechanical, Materials and Manufacturing Engineering	Duration	Intake	Malaysian fees	International fees
Single honours				
BEng Mechanical Engineering KPT/JPS(F3-K059/060)/(A10469)3/16	3 years, full-time	September	RM41,450 per year	RM45,420 per year
MEng Mechanical Engineering KPT/JPS(F3-K059/060)/(A10469)3/16	4 years, full-time	September	RM41,450 per year	RM45,420 per year

Entry requirements		English language requirements
A level	ABB, including mathematics and physics, excluding general studies	IELTS: 6.0 (no element below 5.5)
IB Diploma	32 points, including 5 points in mathematics (Higher Level) and 5 points in physics (Higher Level)	TOEFL iBT: 79 (no element below 19)
STPM	AB+B+, including mathematics and physics, excluding Pengajian Am	PTE (Academic): 55 (minimum 51)
UEC	5 As including chemistry, mathematics and physics, and grade B in 2 further academic subjects, excluding Chinese language	SPM: grade B+
SAM/AUSMAT/HSC	ATAR(UAI)/TER/ENTER 90 including chemistry, mathematics and physics	1119 (GCE O Level): grade C
Canadian Pre-U	87% average based on 6 subjects, including mathematics and science subjects	GCSE/IGCSE: grade C
The University of Nottingham Malaysia Campus Foundation	Successful completion of the Foundation in Engineering programme	UEC: grade B3
		IB English A1 or A2 (Standard or Higher Level): 4 points
		IB English B (Higher Level): 4 points
		IB English B (Standard Level): 5 points

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

BEng/MEng Mechanical Engineering Typical optional modules

Design is a key integrating element in all years of the course. Real-world engineering, the importance of communication and teamwork skills, the need to display entrepreneurship and initiative and the relevance of appropriate management and business principles are emphasised. Engineering science and engineering design are core disciplines while other important areas are control, electronics, IT, manufacturing technology and mathematics.

Project work will form a significant part of your final years. In year three, MEng students do a major group project. Up to four students will work as a multidisciplinary team to design, manufacture and develop a product. All students will do an individual project in their final year. This is of an experimental, computational or analytical nature and provides a link between academic and professional work. You will be able to choose your individual project topic, most of which are based on real industrial problems.

Year 1

Typical core modules

- Computer Programming in Matlab
- Design and Manufacture 1
- Dynamics of Mechanical Systems
- Engineering Mathematics 1 and 2
- Introduction to Materials and Materials Forming
- Mechanics of Solid 1
- Professional Studies
- Thermodynamics and Fluid Mechanics

Year 2

Typical core modules

- Design and Manufacture 2
- Differential Equations and Calculus for Engineers
- Dynamics
- Electrical and Electronic Systems
- Management Studies 1
- Materials Design
- Mechanics of Solid 2 and 3
- Thermodynamics and Fluid Mechanics 2

Year 3

Typical core modules

- Computer Modelling Techniques
- Group Design and Make (MEng only)
- Individual Project (BEng only)
- Introduction to Automotive Technology
- Management Studies 2

- Advanced Dynamics of Mathematics
- Advanced Mathematical Techniques in Ordinary Differential Equations for Engineers
- Air Pollution
- Control Instrumentation
- Elements of Noise Investigation
- Energy Efficiency for Sustainability 2
- Fibre Reinforced Composites
- Finite Element Analysis
- Heat Transfer
- Internal Combustion Engines
- International Business Strategy 1
- Material Models and Modes of Failure
- Mathematical Techniques in Partial Differential Equations for Engineers
- Multiphase Systems
- Polymer Engineering
- Processing of Engineering Alloys
- Project Management
- Strategic Management 1 and 2
- Stress Analysis Technique
- Structural Vibration 2
- Rapid Product Development
- Technology and Organisation Development

You may also take up to 20 credits of modules offered by other engineering departments or schools as long as they are approved by your course director.

Year 4 (MEng only)

Typical core modules

- Advanced Technology Review
- Group Design Project
- Integrated Systems

Typical optional modules

- Aerodynamics
- Aircraft Propulsion Systems
- Automotive Vehicle Dynamics
- Computational Fluid Dynamics
- Conservation and Recycling of Materials
- Entrepreneurship and Business
- Internal Combustion Engines
- Introduction to Automotive Technology
- Lean Manufacturing
- Nonlinear Dynamics
- Rapid Product Development
- Robotic and Automation Technology

In addition to these optional modules you may also select from the year three optional modules.

Undergraduate biosciences student working in the Centre of Excellence for Postharvest Biotechnology.

Science

Biomedical Sciences	101
Biosciences	105
Computer Science	111
Pharmacy	117
Psychology	123



“There are many diseases and illnesses that they cannot find a cure for, so I wish to study biomedical sciences in order to do more research in the future.”

Yang Su Lim / BSc Biomedical Sciences



Find out more about Su Lim's experience at www.nottingham.edu.my/biomedicalsciences/studentexperience

Su Lim is conducting an experiment in the biomedical sciences laboratory.



Scan this using a QR code reader to watch this video on your smartphone.

Biomedical Sciences

Study with us because:

- The Department of Biomedical Sciences has a reputation for powerful, research-informed teaching.
- Our innovative course is taught by scientists who have vast experience in their field of expertise, providing you with valuable scientific knowledge and practical skills for use in the future.
- We offer plenty of opportunities for academic involvement beyond the official curriculum, including research seminars, talks by visiting academics and professionals, placement opportunities with industry and summer research internships within the school.

What is biomedical science?

Biomedical science is the study of the human body in normal and diseased states. If you are interested in science, especially biology and chemistry, then biomedical sciences could be for you. It will maximise your career options and lead to a wide range of eventual specialisations.

The dynamic world of biomedical science underpins much of modern healthcare. As illnesses and treatments become more sophisticated, so too does the need for more advanced understanding of the human body and the effects drugs and diseases have on it. Biomedical science is made up of several key disciplines, providing a thorough grounding in a range of areas covering anatomy, biochemistry, neuroscience, pharmacology and physiology. This includes studying the structure of the human body, the chemical processes in living organisms and the effect of drugs. The course will also incorporate specialised topics of interest such as the structure and function of the brain and spinal cord.

How will I study?

From the outset of the biomedical sciences course, you will be encouraged to develop your intellectual and study skills. In addition to lectures, your skills are developed through the use of problem-based workshops and laboratory classes in which you will gather and interpret data and summarise results, essays and dissertations. You will be assessed through a range of methods including examinations, laboratory reports, dissertation, coursework, oral and poster presentations and project reports.

Career prospects and employability

Our biomedical sciences degree is purposely designed to maximise your career options, leading to a range of eventual specialisations. It will equip you with skills that enable you to undertake hands-on science careers in medical research, and research and development in the laboratories of institutions such as the pharmaceutical industry, public health services and universities. There are also a number of hands-off science career paths, such as a scientific journalist, medical information officer or patent advisor. You will develop a range of sought-after skills and competencies applicable in the non-scientific fields such as analytical thinking and critical thinking.

Graduate entry into medicine

If you are seeking to pursue medicine you can apply for graduate entry following completion of our biomedical sciences degree, as the scientific knowledge and skills developed during the course are transferrable to the medical programme.

Find out more

t: +60 3 8924 8000
w: www.nottingham.edu.my/make-an-enquiry
w: www.nottingham.edu.my/biomedicalsciences



UNMCBiomedicalSciences

Biomedical Sciences	Duration	Intake	Malaysian fees	International fees
Single honours				
BSc Biomedical Sciences KPT/JPS(BNM2)10/16	3 years, full-time	September	RM41,450 per year	RM45,420 per year

Entry requirements		English language requirements
A level	BBB, including biology and chemistry, excluding general studies and thinking skills	IELTS: 6.5 (no element below 6.0)
IB Diploma	30 points with specified grades in science subjects; grades of 5,5,5 in biology, chemistry and another relevant subject	TOEFL iBT: 88 (no element below 19)
STPM	B+B+B+ including biology and chemistry, excluding Pengajian Am	PTE (Academic): 62 (minimum 55)
UEC	5 As including biology and chemistry, excluding Chinese language	SPM: grade A-
SAM/AUSMAT/HSC	ATAR(UAI)/TER/ENTER 86 including biology and chemistry	1119 (GCE O Level): grade B
Canadian Pre-U	85% average based on 6 subjects including biology and chemistry	GCSE/IGCSE: grade C
The University of Nottingham Malaysia Campus Foundation	Successful completion of the Foundation in Science programme, including all modules related to biology and chemistry	UEC: grade A2
SPM/GCSE/IGCSE	In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have minimum of grade B in mathematics	IB English A1 or A2 (Standard or Higher Level): 4 points
		IB English B (Higher Level): 4 points
		IB English B (Standard Level): 5 points
		MUET Band 5 may also be considered

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Related courses

[BEng/MEng Chemical Engineering \(page 84\)](#)

[BEng/MEng Chemical and Environmental Engineering \(page 84\)](#)

[BSc Pharmaceutical and Health Sciences \(page 121\)](#)

[MPharm Pharmacy \(page 121\)](#)

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

BSc Biomedical Sciences

During your first year the course will provide you with a broad coverage in biomedical sciences. You will be introduced to key systems and pathways in the human body and relate these to diseases. Your second year will expand on the knowledge established in your first year with a focus on scientific research techniques, including modules providing knowledge of drug usage and their mechanisms of action.

In your final year, specialised modules will present you with current content in, and future directions of, medical and health sciences. You will also have the opportunity to undertake optional modules offered by other schools and will complete an independent research project. This will develop your laboratory, data handling and critical thinking skills and provide you with an opportunity to possibly contribute to the pool of medical knowledge.

Year 1

Typical core modules

- Biochemical Skills
- Genetics and Cell Biology
- Genetics with Specialist Options
- Human Development and Tissue Differentiation
- Introduction to Neuroscience
- Microbial Physiology
- Molecular Basis of Medicine
- Physiology and Pharmacology 1 and 2
- Practical and Professional Skills

Year 2

Typical core modules

- Autonomic Neurophysiology and Neuropharmacology
- Basic Molecular Pharmacology
- Biochemistry Essays
- Food Safety
- Laboratory Analysis of Proteins and Enzymes
- Lipid Metabolism and Oxidative Phosphorylation
- Pharmacology Dissertation: Drugs and Diseases
- Physiology and Pharmacology 3 and 4
- Principles and Analysis of Gene Function
- Proteins: Structure and Function

Year 3

Typical core modules

- Advanced Biochemistry of Cancer
- Biochemistry of Diseases
- Current Topics in Health and Disease
- Molecular Pharmacology
- Neurobiology of Pain
- Research Project

“Why I chose nutrition? I grew up in an environment of food. My parents own a food company, so I wanted to study something that was related to food. I came across nutrition which was quite interesting and quite new.”

Abi Manohoran / BSc Nutrition



Find out more about Abi's experience at www.nottingham.edu.my/biosciences/studentexperience

Abi is conducting an experiment in the microbiology laboratory using a bunsen burner, plate conifer and pipette.



Scan this using a QR code reader to watch this video on your smartphone.

Biosciences

Study with us because:

- The School of Biosciences, UK, is one of the strongest teaching and research centres for fundamental and applied agricultural, biological, environmental, nutritional and food sciences in Great Britain.
- Our portfolio is rapidly expanding and our presence in Malaysia enables us to conduct major research projects in areas such as the uses and nutritional values of tropical plants, underutilised crops and vaccine production.
- We have very strong links with our colleagues in the UK, and you will have the opportunity to study in the UK during your second year if you wish.
- You will have the option to study a range of modules related to your subject area so you can explore your interests before specialising.

What is bioscience?

Bioscience is a rich and diverse field incorporating a number of scientific disciplines that are key to the development and improvement of the world and its inhabitants. Rapid advances in technology and knowledge have a daily impact on our lives, from the air we breathe to the food we eat and the environment in which we live. At Nottingham we offer undergraduate courses in biotechnology, environmental science, nutrition and plant biotechnology. These disciplines encompass a range of areas such as: the environment and its protection; food manufacture, health, nutrition and safety; the growth, development and reproduction of plants and animals; and the production and preservation of agricultural and food commodities.

Biotechnologists study plant, animal and microbial sciences, underpinned by biochemistry, computing, genetics and some applied aspects of agriculture, environmental science and food science. Environmental scientists look at the effects of human actions on the environment and the effective environmental limits on societies and economies. Nutritionists study the biochemistry, composition and function of foods with a view to understanding the role of individual nutrients in health and disease. Plant biotechnology focuses on plant sciences, molecular biology and biotechnology for the improvement of plants and their products in tropical and temperate environments.

How will I study?

Our courses comprise compulsory taught modules and a range of optional modules, enabling you to select topics that are of the most interest to you. Additionally, you will complete a year-long research project during your final year. The research project encourages and develops your critical thinking. You will conduct independent research, including a literature survey using the library where you can access e-journals and undertake data handling, analysis and interpretation. You will carry out your project under the supervision of a research-active member of academic staff and benefit from the supportive environment we provide.

Career prospects and employability

Our graduates are widely regarded as being well-trained and of high quality and are armed with the knowledge and practical skills to obtain rewarding, interesting and well-paid jobs in a variety of fields. All our courses prepare you for further study and careers in lecturing or teaching or as researchers in industrial and government organisations or universities.

Biotechnology graduates have found employment as advisers in management, consultancy, forensic biology, sales and marketing, and science journalism and writing. Environmental science graduates can pursue careers in a number of fields, including climate change modelling, disaster management, environmental impact assessments, localised or global pollution monitoring, publicity and policy development, scientific communication, species or biodiversity research and wildlife management or conservation. Nutrition graduates have a number of career choices, including the food industry, health education, journalism or public relations, public health nutrition and in specialist nutrition supplement companies. Plant biotechnology graduates are well-placed for careers as biotechnologists or research scientists or in marketing or scientific writing. Career areas include agriculture, food and food-processing, forest products, horticulture, marine applications, medical and non-food uses of plants and industrial crops, pharmaceuticals and phytoremediation.

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/biosciences



UNMCBiosciences

Biosciences	Duration	Intake	Malaysian fees	International fees
Single honours				
BSc Biotechnology UNMC(J700)6/15	3 years, full-time	September	RM41,450 per year	RM45,420 per year
BSc Environmental Science KPT/JPS(F900)5/16	3 years, full-time	September	RM35,770 per year	RM39,750 per year
BSc Nutrition UNMC(B400)6/15	3 years, full-time	September	RM38,320 per year	RM40,500 per year
BSc Plant Biotechnology KPT/JPS(F3-K025)/(A7339)2/16	3 years, full-time	September	RM41,450 per year	RM45,420 per year

Entry requirements		English language requirements
A level	BBC, including 2 science subjects, preferably biology and chemistry; other science subjects such as geography, mathematics or physics are accepted	IELTS: 6.0 (no element below 5.5) TOEFL iBT: 79 (no element below 19)
IB Diploma	28 points, with specified grades in science subjects	PTE (Academic): 55 (minimum 51) SPM: grade B+
STPM	B+B+B or grade points of 3.33 in at least 2 science subjects and 3.00 in one other science subject	1119 (GCE O Level): grade C GCSE/IGCSE: grade C
UEC	4 As, including biology and chemistry, excluding Chinese language	UEC: grade B3
SAM/AUSMAT/HSC	ATAR(UAI)/TER/ENTER 82	IB English A1 or A2 (Standard or Higher Level): 4 points
Canadian Pre-U	80% average based on 6 subjects	IB English B (Higher Level): 4 points
The University of Nottingham Malaysia Campus Foundation	Successful completion of the Foundation in Science programme – those studying biotechnology and plant biotechnology must pass all biotechnology modules	IB English B (Standard Level): 5 points MUET Band 5 may also be considered
SPM/GCSE/IGCSE	In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have minimum of grade B in mathematics	

Related courses

BEng/MEng Chemical and Environmental Engineering (page 84)

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

BSc Biotechnology

Biotechnology aims to apply the latest molecular techniques to modern-day problems in industrial and environmental situations. In this degree, particular emphasis is placed on recent advances in animal, plant and microbial technology. Topics covered include cloning of organisms, genetic modification of crops, the detection of food pathogens and novel sources of potential pharmaceuticals and nutraceuticals. The course allows a high degree of specialisation in years two and three in various areas of biotechnology. Through your research project you will develop specialist knowledge in an area of your choice and transferable skills including data analysis and presentation, effective communication and independent study.

Year 1

Typical core modules

- Academic Development and Employability
- Data Transfer, Analysis and Presentation
- Genetics and Cell Biology
- Genetics with Specialist Options
- Introduction to Animal Physiology
- Introductory Biochemistry
- Microbial Physiology
- Techniques in Biotechnology
- Whole Organism Biology

Typical optional modules

- Global Environmental Processes
- Introduction to Nutrition
- Plant Science
- Principles of Ecology

Year 2

Typical core modules

- Biochemistry of Mammalian Development
- Molecular Biology of the Cell
- Molecular Pharming
- Molecular Techniques in Biosciences
- Plant Biotechnology

Typical optional modules

- Analysis of Bacterial Gene Expression
- Communicating Science
- Endocrinology and Metabolism
- Introductory Plant Pathology
- Microbial Biotechnology: Genes to Products
- Nutrition, Metabolism and Disease
- Postharvest Physiology and Technology of Fruits and Vegetables
- Principles and Analysis of Gene Function
- Principles of Immunology
- Resource Capture by Plants: from Cell to Community
- Soil Science

Year 3

Typical core modules

- Research Project in Biotechnology

Typical optional modules

- Applied Bioethics 1: Animals, Biotechnology and Society
- Applied Bioethics 2: Sustainable Food Production, Biotechnology and the Environment
- Basic Introduction to Omic Technologies
- Biotechnology in Animal Physiology
- Current Issues in Biotechnology
- Environmental Microbiology
- Fundamental and Applied Aspects of Plant Genetic Manipulation
- Molecular Nutrition
- Molecular Plant Pathology
- Plant Microbe Interactions
- Plant and the Light Environment
- Plant Disease Control
- Sex, Flowers and Biotechnology
- Soil and Water Pollution and Reclamation

BSc Environmental Science

Developing a knowledge and understanding of environmental sciences is fundamental to combating the enormous range of environmental issues we face in today's increasingly changing world. Environmental science crosses many subject boundaries and we provide a course which benefits from an entirely multidisciplinary and research-based approach with contributions from other schools including the Schools of Geography and of Chemical and Environmental Engineering.

During this degree you will develop an understanding of environmental processes and systems and gain skills in a range of ecological survey techniques through our extended field course. Topics covered include key environmental principles such as biogeochemical analysis, conservation biology, ecological monitoring, geospatial mapping, habitat assessments and wildlife management. Your final year research project will utilise and further advance these skills and you will also benefit from gaining knowledge and practical experience of issues and techniques applicable to the Southeast Asian or tropical environment.

Year 1

Typical core modules

- Data Transfer, Analysis and Presentation
- Dissertation in Environmental Science
- Environmental Management
- Environmental Science and Society
- Global Environmental Processes
- Introductory Geology
- Introduction to Geographic Information Systems (GIS)
- Plant Science
- Principles of Ecology

Year 2

Typical core modules

- Climate Change Science
- Communicating Environmental Science
- Environmental Science Field Course
- Hydrogeochemistry
- Research Techniques in Environmental Science
- Soil Science

Typical optional modules

- Earth Observation
- Environmental Assessment
- Environmental Management
- Hydrology and Hydrogeology
- Patterns of Life
- Plant Physiology: Principles of Resource Capture
- Plant Responses to Environmental Stress

Year 3

Typical core modules

- Research Project in Environmental Science

Typical optional modules

- Contaminant Fate and Impact in the Environment
- Ecosystem Processes in the Terrestrial Biosphere
- Energy Efficiency for Sustainability
- Environmental Microbiology
- Environmental Remote Sensing
- Food Production: Biotechnology and the Environment
- Plant Disease Control
- Plants and the Light Environment
- Plant Microbe Interactions
- Resource Capture by Plants: Water and Nutrients
- Soil and Water Science
- Waste and Waste Water Treatment
- Water Pollution and Reclamation

BSc Nutrition

What we eat, and how much we eat, has a profound effect on our health. In some parts of the world under-nourishment is still an issue. However, in many other countries the population suffers from ill health due to overconsumption of inappropriate foods. Chronic diseases such as heart disease, obesity, diabetes and ageing itself are all influenced by the diet we consume.

During this degree, you'll learn the basic principles of nutrition, biochemistry, physiology and microbiology. You will also specifically explore diet in relation to diabetes, obesity and coronary heart disease, while developing an in-depth knowledge of physiology and nutritional biochemistry. This will enable you to use scientific evidence to understand the relationship between diet and health or disease, including molecular biology, nutritional biochemistry and personalised nutrition based on the genotype.

Year 1

Typical core modules

- Academic Development and Employability
- Data Transfer, Analysis and Presentation
- Food Hygiene
- Food Materials and Ingredients
- Genetics and Cell Biology
- Introduction to Animal Physiology
- Introduction to Nutrition
- Introductory Biochemistry
- Microbial Physiology
- Whole Organism Biology

Year 2

Typical core modules

- Biochemistry of Mammalian Development
- Endocrinology and Metabolism
- Nutrition, Metabolism and Disease
- Principles of Human Nutrition
- Principles of Immunology
- Research in Nutrition and Biochemistry

Typical optional modules

- Communicating Biosciences
- Food Commodities
- Food Safety
- Molecular Techniques in Biosciences
- Lab Analysis of Proteins and Enzymes
- Physiology and Pharmacology (Central Nervous System Reproduction)
- Post Harvest Physiology and Technology of Fruits and Vegetables
- Practical Methods in Microbiology
- Protein Structure and Function

Year 3

Typical core modules

- International Nutrition
- Molecular Nutrition
- Nutrition and Health of Populations
- Research Project in Nutrition and Biochemistry

Typical optional modules

- Applied Bioethics 1: Animals, Biotechnology and Society.
- Applied Bioethics 2: Sustainable Food Production, Biotechnology and the Environment
- Biotechnology in Animal Physiology
- Food Composition for Dietetics
- Health Promotion

BSc Plant Biotechnology

Malaysia is located in one of the 12 megadiversity centres of the world in which the largest diversity is found. There are treasure troves hidden in the tropical forest that can be tapped by plant biotechnology. Commercial crops such as oil palm, rubber and tropical fruit trees can be enhanced using the technology to generate wealth for the nation. Plant Biotechnology can be used as a means to alleviate pressure on food production due to the increasing population.

In this course, you will be provided with knowledge and experience of cutting-edge technology in plant biotechnology. The course also considers fundamental research in areas that offer the prospect of future commercial applications.

You will learn the underlying principles, defining concepts, theories and practical skills required for plant biotechnology, and become familiar with current knowledge and developments in the subject. You will gain a range of skills and a knowledge base valued by many employers and will be encouraged to learn practical aspects of biotechnology. You will also gain working skills through internships and visits to biotechnology companies, research stations, plantations and other relevant institutions.

Year 1

Typical core modules

- Academic Development and Employability
- Data Transfer, Analysis and Presentation
- Genetics and Cell Biology
- Genetics with Specialist Options
- Global Environmental Processes
- Introductory Biochemistry
- Microbial Physiology
- Plant Science
- Principles of Ecology
- Techniques in Biotechnology
- Whole Organism Biology

Year 2

Typical core modules

- Introductory Plant Pathology
- Molecular Biology of the Cell
- Molecular Pharming
- Molecular Techniques in Biosciences
- Plant Biotechnology
- Plant Physiology: Principles of Resource Capture

Typical optional modules

- Analysis of Bacterial Gene Expression
- Climate Change Science
- Communicating Science
- Microbial Biotechnology: Genes to Products
- Postharvest Physiology and Technology of Fruits and Vegetables
- Soil Science
- World Agroecosystems

Year 3

Typical core modules

- Research Project in Biotechnology

Typical optional modules

- Applied Bioethics 1: Animals, Biotechnology and Society
- Applied Bioethics 2: Sustainable Food Production, Biotechnology and the Environment
- Basic Introduction to Omic Technologies
- Current Issues in Plant Biotechnology
- Environmental Microbiology
- Fundamental and Applied Aspects of Plant Genetic Manipulation
- Molecular Plant Pathology
- Plant Disease Control
- Plant Microbe Interactions
- Plants and the Light Environment
- Sex, Flowers and Biotechnology
- Soil and Water Pollution and Reclamation

“The teaching at UNMC [The University of Nottingham Malaysia Campus] is fantastic. It provides you with an opportunity to get to know a diverse range of people from all over the world on one campus.”

Lim Suang Fu / BSc Computer Science and Management Studies



Find out more about Suang Fu's experience at www.nottingham.edu.my/computerscience/studentexperience

Suang Fu focuses on his latest assignment within a computer lab.



Scan this using a QR code reader to watch this video on your smartphone.



Computer Science

Study with us because:

- A computer science degree from Nottingham will leave you perfectly placed not only to understand and program today's computer technology, but also to design and create systems of the future.
- We offer specialist modules and exciting undergraduate project work based on our world-class research – the School of Computer Science, UK, was ranked in the country's top 10 in the UK's latest Research Assessment Exercise.
- Our degrees produce highly employable graduates and provide the basis for rewarding and lucrative careers in a range of industries – new computer science graduates frequently command some of the highest paid entry-level positions.

What is computer science?

Computer science is intimately concerned with knowing, in detail, how computers and computer systems work. Building on that knowledge helps us understand how we can create computer systems and program them to do what we want them to do. It is also about the way computers store and process information and how humans and computers interact with each other. It is hard to think of an area of human endeavour in which computers don't now play an integral role. Computing professionals are the architects of this new information age. They look at engineering issues to build tools that help us create large-scale software systems. Computer scientists also consider philosophical issues about what can or can't be computed and ask profound questions about the fundamental nature of the computation process.

How will I study?

The BSc Computer Science and BSc Computer Science with Artificial Intelligence are accredited by the British Computer Society (BCS). This is an external recognition of the excellence of our teaching. It is also a recognition that the skills you learn while studying the degree are of relevance to industry. Graduates from these degrees may join the BCS and, after typically five years of industry experience, may achieve UK chartered engineer (CEng) status.

Career prospects and employability

While many computer science graduates become programmers, others are employed in a variety of jobs. These include computer analysts, IT consultants and planners, network/systems designers and engineers, researchers, software designers and engineers, web designers and web developers and producers as well as roles across accountancy and investment/merchant banking, advertising and marketing, business and financial analysis, and legal and quality assurance professions. Some of our graduates have gone on to work for traditional computer companies such as Adobe, Google, Hewlett-Packard, IBM and Microsoft. Others have found jobs with employers such as Accenture, Experian and Ocado.

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/computerscience



UNMCComputerScience

Computer Science	Duration	Intake	Malaysian fees	International fees
Single honours				
BSc Computer Science KPT/JPS(F3-K033)/(A10433)2/16	3 years, full-time	September	RM35,770 per year	RM39,750 per year
BSc Computer Science with Artificial Intelligence KPT/JPS(G4G7)5/16	3 years, full-time (2 years in Malaysia and 1 year in the UK)	September	RM35,770 per year GBP £17,340 for year 3	RM39,750 per year GBP £17,340 for year 3
BSc Software Engineering KPT/JPS(G601)5/16	3 years, full-time	September	RM35,770 per year	RM39,750 per year
Joint honours				
BSc Computer Science and Management Studies KPT/JPS(GN42)3/15	3 years, full-time	September	RM35,770 per year	RM39,750 per year

Entry requirements		English language requirements
A level	BBC, including a science subject (computing, economics, mathematics, physics or statistics); if you don't have any of these listed science subjects we then require a grade B in GCSE mathematics	IELTS: 6.0 (no element below 5.5) TOEFL iBT: 79 (no element below 19) PTE (Academic): 55 (minimum 51)
IB Diploma	28 points, including 5 points in mathematics (Standard Level)	SPM: grade B+ 1119 (GCE O Level): grade C
STPM	B+B+B, including mathematics, excluding Pengajian Am	GCSE/IGCSE: grade C
UEC	4 As, including mathematics and grade B in 2 other academic subjects, excluding Chinese language	UEC: grade B3 IB English A1 or A2 (Standard or Higher Level): 4 points
SAM/AUSMAT/HSC	ATAR(UAI)/TER/ENTER 82	IB English B (Higher Level): 4 points IB English B (Standard Level): 5 points
Canadian Pre-U	80% average based on 6 subjects, including mathematics	
The University of Nottingham Malaysia Campus Foundation	Successful completion of the Foundation in Science programme, including all computer science modules	

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

BSc Computer Science

Our BSc Computer Science degree forms the core of our teaching portfolio. It focuses on how computers work and how they may be used to solve real-world problems. You will develop a sound knowledge of the fundamentals of computer science, including appreciations of the interaction between hardware and software, an understanding of human-computer interaction and the sociological impact of information technology, and knowledge of the professional standards and ethics of the computer industry, together with the skills and confidence to react to its ever-increasing rate of change.

Year 1

Typical core modules

- Algorithmic Problem Solving
- Computer Systems Architecture
- Database Systems
- Introduction to Software Engineering
- Introduction to Artificial Intelligence
- Introduction to Functional Programming
- Introduction to Object-Oriented Programming
- Introduction to Requirements Engineering
- Mathematics for Computer Scientists
- Programming

Typical optional modules

- Engineering Mathematics 1
- People and Organisations
- Unix and Software Tools
- Web Programming and Scripting

Year 2

Typical core modules

- Algorithms and Data Structures
- Application Programming
- Computer Communications and Networks
- Concepts of Concurrency
- Introduction to Formal Reasoning
- Machines and their Languages
- Software Engineering Group Project
- Software Engineering Methodologies

Typical optional modules

- C++ Programming
- Graphical User Interfaces
- Human Computer Interaction
- Introduction to Image Processing
- Planning and Search

Year 3

Typical core modules

- Compilers
- Computers in the World
- Individual Dissertation
- Operating Systems

Typical optional modules

- Advanced Computer Communications
- Computer Security
- Computer Vision
- Enterprise Level Computing
- Graphical User Interfaces
- Human Computer Interaction
- Introduction to Image Processing
- New Media Design
- Planning and Search

BSc Computer Science with Artificial Intelligence

Our computer science with artificial intelligence course is designed to develop both your general understanding of computer science and more specialist skills and knowledge in artificial intelligence (AI). In addition to fundamental computer science modules, the course covers topics including computer vision, expert systems, heuristic optimisation, the history and philosophy of artificial intelligence, intelligent agents, machine learning, neural networks and other intelligent systems. By following this programme you will learn how to develop new methodologies and novel computational techniques for the creation of human-like intelligence.

You will spend your final year in the UK where you will study advanced AI techniques with specialist staff.

Year 1

Typical core modules

- Algorithmic Problem Solving
- Computer Systems Architecture
- Database Systems
- Introduction to Software Engineering
- Introduction to Artificial Intelligence
- Introduction to Functional Programming
- Introduction to Object-Oriented Programming
- Introduction to Programming
- Mathematics for Computer Scientists
- Requirements Engineering

Typical optional modules

- Engineering Mathematics 1
- People and Organisations
- Unix and Software Tools
- Web Programming and Scripting

Year 2

Typical core modules

- Algorithms and Data Structure
- Application Programming
- Artificial Intelligence Programming Techniques
- Concepts of Currency
- Planning and Search
- Software Engineering and Methodologies

Typical optional modules

- C++ Programming
- Computer Communications and Networks
- Graphical User Interfaces
- Human Computer Interaction
- Introduction to Formal Reasoning
- Introduction to Image Processing
- Machines and their Languages

Year 3 (undertaken in the UK)

Typical core modules

- Designing Intelligent Agents
- Individual Dissertation
- Knowledge Representation and Reasoning

Typical optional modules

- Automated Scheduling
- Autonomous Robotic Systems
- Bioinformatics
- Collaboration and Communication Technologies
- Compilers
- Computability
- Computer Graphics
- Computer Security
- Enterprise Level Computing
- Fuzzy Sets and Fuzzy Logic Systems
- Machine Learning
- New Media Design
- Operating Systems
- Operations Research and Optimisation
- Programming Documents
- Software Quality Management

BSc Software Engineering

Our BSc Software Engineering degree has common modules with our computer science degrees, but is tailored to focus more on the design and implementation of large software systems – particularly those with interactive or multimedia components. It is built around four themes: the design and implementation of software systems; the use and development of networked and distributed systems; user interface principles; and evaluation and testing. If you enjoy building things, and want to learn to construct software systems – including the consideration of people as well as machines – then this course is a good option. You will gain general knowledge and understanding of computer and software systems; specialised knowledge of the design, implementation, user interfaces and evaluation of software systems; experience in using a variety of problems encountered in the area of software engineering; and an understanding of the professional, legal and ethical aspects of the discipline.

Year 1

Typical core modules

- Algorithmic Problem Solving
- Computer Systems Architecture
- Database Systems
- Introduction to Artificial Intelligence
- Introduction to Functional Programming
- Introduction to Object-Oriented Programming
- Introduction to Programming
- Mathematics for Computer Scientists
- Requirements Engineering

Typical optional modules

- Engineering Mathematics 1
- Unix and Software Tools
- Web Programming and Scripting

Year 2

Typical core modules

- Algorithms and Data Structures
- Application Programming
- Computer Communications and Networks
- Concepts of Concurrency
- Graphical User Interfaces
- Software Engineering Group Project
- Software Engineering Methodologies

Typical optional modules

- Artificial Intelligence Programming Techniques
- C++ Programming
- Human Computer Interaction
- Introduction to Formal Reasoning
- Introduction to Image Processing
- Machines and their Languages
- Planning and Search

Year 3

Typical core modules

- Computers of the World
- Individual Dissertation
- Software Quality Management

Typical optional modules

- Advanced Computer Communications
- Compilers
- Computer Security
- Computer Vision
- Enterprise Level Computing
- New Media Design
- Operating Systems
- Simulation for Computer Scientists

BSc Computer Science and Management Studies

The BSc Computer Science and Management Studies degree offers an equal balance of computer science and management modules. The management modules are taught by Nottingham University Business School. The primary objective of the course is to enable you to become a high-quality graduate equipped to bridge the gap between leading-edge computer technology and its application in the management of commercial and industrial enterprises. Throughout the course you will develop the skills required by computing professionals and managers alike. These include project management skills such as: the ability to schedule work, plan exercises, take part in and run meetings; teamwork and delegation skills; and the ability to combine the skills of specialists. In the final year, you will typically undertake an individual project, along with other taught modules across both schools.

Year 1

Typical core modules

- Business Economics
- Computer Systems Architecture
- Database Systems
- Entrepreneurship and Business
- Introduction to Object-Oriented Programming
- Introduction to Programming
- Introduction to Software Engineering
- Mathematics for Computer Scientists
- People and Organisations

Typical optional modules

- Economy and Society
- Financial Accounting
- Management Accounting and Decisions 1
- New Venture Creation
- Optional Business Modules
- Quantitative Methods
- Studying Organisations

Year 2

Typical core modules

- Algorithms and Data Structures
- Application Programming
- Business Economics B
- Designing and Managing Organisations
- Economics of Business Decisions
- Organising and Managing in Practice
- Software Engineering Methodologies

Typical optional modules

- Accounting Information Systems
- C++ Programming
- Computer Communications and Networks
- Concepts of Concurrency
- Introduction to Artificial Intelligence
- Introduction to Business Operations
- Introduction to Image Processing
- Managing the Marketing Mix
- Marketing Strategy

Year 3

Typical core modules

- Computers of the World
- Human Resource Management 1 and 2
- Individual Dissertation
- Strategic Management 1 and 2

Typical optional modules

- Asian Business Environment
- Compilers
- Computer Security
- Computer Vision
- Computers in the World
- Consumer Behaviour
- Enterprise Level Computing
- Graphical User Interfaces
- Human Computer Interaction
- International Business Strategy 1 and 2
- Managing Accounting and Decisions 3 and 4
- Marketing Services
- New Media Design
- Operating Systems
- Planning and Search
- Software Quality Management

“Pharmacy at The University of Nottingham was rated 1st in the latest Research Assessment Exercise which is why I chose to study here. The most important thing I’ve learnt is about counselling sessions and dispensing.”

Lim Sui Lun / MPharm (Hons) Pharmacy



Find out more about Sui Lun's experience at www.nottingham.edu.my/pharmacy/studentexperience

Sui Lun at work in a pharmacy lab.



Scan this using a QR code reader to watch this video on your smartphone.



Pharmacy

Study with us because:

- The school in the UK has been ranked 1st in *The Complete University Guide* for the last four years.
- Nottingham was the top school of pharmacy in the UK in the most recent Research Assessment Exercise.
- Our research-active staff are drawn from Nottingham's UK Campus as well as research institutions and governmental organisations across the globe.

What is pharmacy?

Pharmacists are experts in medicines, their development and clinical usage. Pharmacy is a professional role requiring in-depth knowledge across a range of biological, chemical and professional disciplines. Pharmacy requires a range of skills and knowledge and these are delivered through the themes of biology and physiology, chemistry, leadership, pharmaceuticals and professionalism, pharmacology and therapeutics as well as pharmacy practice. Pharmaceutical scientists are central to the discovery and development of new drug entities, the design of novel drug delivery systems and therapeutics.

How will I study?

You will experience an integrated range of teaching and learning styles – from traditional lectures and tutorials to practical classes, workshops and case studies. Our courses develop a range of transferable skills and you will be taught to work to the highest professional and ethical standards. You will be allocated a personal tutor to help with personal and academic issues. The school also has a Learning Community Forum that provides an opportunity for you to discuss course-related issues with academic staff. All students are strongly encouraged to take advantage of one of the many vacation work experience placements that the school secures each year. Practising community, hospital and industrial pharmacists contribute to teaching and visiting academics from the The University of Nottingham, UK, deliver lectures, workshops and practical classes. This will provide you with an invaluable insight into the profession of pharmacy. MPharm Pharmacy students will study in the UK for the final two years of their course, providing an unrivalled opportunity to learn and experience the UK aspects of clinical pharmacy as part of the programme.

Professional accreditation

The four-year MPharm Pharmacy degree is accredited by the General Pharmaceutical Council (UK) and is recognised by the Pharmacy Board of Malaysia.

Code of conduct/fitness to practise

As with all fully accredited UK MPharm programmes, students are required to abide by a code of conduct and are subject to fitness to practise regulations. Appropriate health and good character checks will be required when you join us as a student. More information will be sent to you if you are made an offer.

Career prospects and employability

Our MPharm programme is your passport to a pharmacy career in many countries around the world. Graduates of the 2+2 MPharm can presently be found working as community and hospital pharmacists in the UK, Malaysia and Singapore. The industrial sector allows pharmacists to work in clinical trials, drug discovery and development, marketing, product registration and quality assurance and numerous pharmacists are employed in the regulation of medicines. MPharm graduates may also pursue careers in academia or as medical journalists or scientific writers.

Our BSc Pharmaceutical and Health Sciences puts you in an ideal position to pursue a career in Malaysia's burgeoning RM1.4 billion pharmaceutical industry. Graduates can embark on a range of careers including: academics in higher education institutions; medical sales and marketing; research managers in the biotechnology, chemical, cosmetic or pharmaceutical industries; scientific writing; and other appointments which require a general science background.

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/pharmacy



UNMCPharmacy

Pharmacy	Duration	Intake	Malaysian fees	International fees
Single honours				
BSc Pharmaceutical and Health Sciences UNMC(BNM1)8/15	3 years, full-time	September	RM41,450 per year	RM45,420 per year
MPharm Pharmacy KPT/JPS(B230)3/15	4 years, full-time (2 years in Malaysia and 2 years in the UK)	September	RM45,950 per year GBP £17,340 per year for years 3 and 4	RM50,020 per year GBP £17,340 per year for years 3 and 4

Entry requirements		English language requirements
BSc Pharmaceutical and Health Sciences		IELTS: 6.0 (no element below 5.5)
A level	BBB, with grade B in chemistry and 2 other science subjects, such as biology, physics or mathematics	TOEFL iBT: 79 (no element below 19) PTE (Academic): 55 (minimum 51)
IB Diploma	30 points, including chemistry and 5 points in mathematics (Standard Level)	SPM: grade B+ 1119 (GCE O Level): grade C
STPM	B+B+B in chemistry and 2 other science subjects or mathematics	GCSE/IGCSE: grade C
UEC	5 As, including biology, chemistry, mathematics or physics, excluding Chinese language	UEC: grade B3
SAM/AUSMAT/HSC	ATAR(UAI)/TER/ENTER 86, including chemistry, mathematics and physics	IB English A1 or A2 (Standard or Higher Level): 4 points
Canadian Pre-U	85% average based on 6 subjects including mathematics and science subjects	IB English B (Higher Level): 4 points IB English B (Standard Level): 5 points
The University of Nottingham Malaysia Campus Foundation	Successful completion of the Foundation in Science programme, including all chemistry modules	
SPM/GCSE/IGCSE	In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have a grade B in mathematics	

Entry requirements (continued)		English language requirements
MPharm Pharmacy		IELTS: 6.5 (no element below 6.0)
A level	AAB in chemistry and 2 other subjects, 1 of which must be a science subject such as biology, mathematics or physics, excluding general studies and thinking skills	TOEFL iBT: 88 (no element below 19) PTE (Academic): 62 (minimum 55) SPM: grade A+/A
IB Diploma	34 points with grades of 6,6,5 at Higher Level, including chemistry plus 1 subject from biology, mathematics or physics and 3 other subjects at Standard Level (mathematics with further mathematics counts as 1 Higher Level and 1 Standard Level)	GCSE/IGCSE: grade C UEC: grade A2 IB English A1 or A2 (Standard or Higher Level): 4 points
STPM	AAB+ in chemistry and 1 other science subject or mathematics, excluding Pengajian Am	IB English B (Higher Level): 4 points
UEC	5 As, including chemistry and mathematics, excluding Chinese language	IB English B (Standard Level): 5 points
SAM/AUSMAT/HSC	ATAR(UAI)/TER/ENTER 90, including chemistry and mathematics	MUET Band 5 may also be considered
Canadian Pre-U	87% average based on 6 subjects with chemistry above 85%	
The University of Nottingham Malaysia Campus Foundation	Average pass mark of 65% in the Foundation in Science programme, with a minimum of 60% in all chemistry modules	
SPM/GCSE/IGCSE	In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have grade A in mathematics	

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Related courses

[BSc Biomedical Sciences \(page 104\)](#)
[BEng/MEng Chemical Engineering \(page 84\)](#)
[BEng/MEng Chemical and Environmental Engineering \(page 84\)](#)

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

BSc Pharmaceutical and Health Sciences

The BSc programme is distinct from the MPharm degree. You will study core modules delivered by the School of Pharmacy and the School of Biomedical Sciences, as well as optional modules from both within and outside of the Faculty of Science. For example, in the final year you can take advanced modules in areas such as drug discovery, drug design and molecular pharmacology, as well as optional modules in areas such as business, entrepreneurship and marketing.

Year 1

Typical core modules

- Insights into Pharmaceutical Science
- Pharmaceutical and Biological Chemistry
- Pharmaceutics 1: Physicochemical Science and Medicines Design
- Physiology and Pharmacology 1 and 2
- Practical and Professional Skills (Physiological Measurements)
- The Science of Medicines Manufacture

You may also take a selection of approved optional modules offered by other schools in the University.

Year 2

Typical core modules

- Biopharmaceutics
- Concepts in Medicinal Chemistry and Drug Discovery
- Laboratory Studies in Pharmaceutical Sciences
- Pharmaceutical Analysis and Spectroscopy
- Pharmaceutical Microbiology
- Pharmaceutics 2: Pharmaceutical Technology
- Pharmaceutics Dissertation Study
- Physiology and Pharmacology 3 and 4

You may also take a selection of approved optional modules offered by other schools in the University.

Year 3

Typical core modules

- Advanced Drug Delivery
- International Business Strategy 1
- Medicinal Chemistry and Drug Design
- Molecular Pharmacology
- Pharmaceutical Sciences Research Project

Typical optional modules

- Entrepreneurship and Business
- Financial Accounting
- Introduction to Applied Psychology
- Managing the Marketing Mix
- Molecular Pharming

MPharm Pharmacy

The Master of Pharmacy (MPharm) is a four-year programme that provides you with a unique opportunity to study in Malaysia and the UK. After finishing your degree, you must spend a salaried year in pharmacy practice and this could potentially take place in the UK, Malaysia, Singapore or other countries. You will then be required to pass the relevant accrediting body's registration exam before registering as a pharmacist.

The first two years of the modular pharmacy course will be taught at the Malaysia Campus and will involve the development of core pharmacy skills and knowledge. You will then transfer to the UK for the final two years of study and learn more about the clinical and legal aspects of the pharmacy profession. In your third year you will have the opportunity to be involved in pharmaceutical research by working under the supervision of a member of academic staff.

Year 1

Typical core modules

- Bacterial and Fungal Infections
- Being a Pharmacist
- Dyspepsia
- Essential Skills for Pharmacists
- Professional Competencies 1

Year 2

Typical core modules

- Asthma, Allergies and Immune Diseases
- Cardiovascular
- Gastrointestinal and Liver Disorders
- Pain
- Professional Competencies 2
- Renal and Endocrine Diseases
- Sexual Health and Pregnancy

Year 3

Typical core modules

- Cancers
- Central Nervous System Disorders
- Professional Competencies 3
- Research Project – 40 or 60 credit options
- Viral and Parasitic Infections

If you take the 40-credit research project, you may also take optional modules from within and outside of the School of Pharmacy.

Year 4

Typical core modules

- Advanced Drug Discovery
- Future Medicines
- Integrated Pharmaceutical and Patient Care 1 and 2
- Managing the Pharmacy
- Professional Competencies 4

If you're thinking of studying pharmacy, there's nowhere like The University of Nottingham. Established in the UK 1925, the school has grown steadily and is now at the forefront of academic development and progress with more than 800 students currently following the four-year Master of Pharmacy degree course, in Nottingham and Malaysia. Join our enthusiastic undergraduate community and you'll be joining one of the UK's most respected and popular pharmacy schools.

“I enjoy working in smaller classes than in the UK as you develop a more personal relationship with your lecturers and everybody can take part.”

Ben Hunte / BSc Psychology



Find out more about Ben's experience at www.nottingham.edu.my/psychology/studentexperience

Ben takes his work outside, sitting on the steps in front of the Administration Building.



Scan this using a QR code reader to watch this video on your smartphone.

Psychology

Study with us because:

- We are an integral part of the School of Psychology UK, which is consistently ranked among the top psychology schools in Great Britain and is one of the leading centres for research and teaching in the world.
- Our academic staff are active researchers who frequently publish in the world's top psychology research journals. As a student you will be taught by international experts in their field.
- We offer opportunities for study in the UK for part of your degree and summer internships within the school between your second and third year.

What is psychology?

Over the past two decades, psychology has become one of the most popular degree subjects in the world. It is a fascinating subject that helps us to understand the ways in which our brains, minds, relationships and societies work. Psychology is the science of mental processes. It covers the actions, feelings, perceptions and thoughts of people from infancy to old age, ranging in focus from individuals to groups, organisations and societies. It is multidisciplinary, crossing boundaries between biology, medicine, philosophy, psychiatry and social science and has a vast number of real-world applications. Cognitive neuroscience is a related scientific discipline concerned with the study of the brain and the mechanisms that determine how we perceive, combine and process information.

How will I study?

You will be taught through lectures, tutorials, practical classes and seminars. Practical and project work will also develop your problem solving skills, including the ability to design, conduct and analyse various types of psychological research. Additionally, the course will improve your oral and written communication skills and your ability to use information technology and information retrieval systems. You will be assessed through a variety of methods including formal exams and coursework. On completion of your course you will have acquired a range of knowledge and skills including the ability to analyse and assess contemporary theories, empirical studies and practical applications.

Career prospects and employability

A recent report by the Higher Education Careers Services Unit found that psychology graduates are among the most employable, and least likely to be unemployed, of any degree course. A psychology degree helps prepare graduates for many types of work, providing an impressive range of skills that make them highly sought-after. A degree in psychology will provide rigorous training in critical thinking, the ability to communicate effectively and other key employment-related skills.

Psychologists work in many areas in the public and private sector, from hospitals and schools to management consultancies, high-tech industries and even professional sports teams. Many of our graduates will go on to choose psychology as a career – as researchers and teachers of the subject or as practitioners in a range of sub-disciplines of psychology, such as clinical and counselling, educational and school, engineering, forensic, health, industrial/organisational and sports. Psychology graduates can also progress to a career in research, in either the public or private sector.

Find out more

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

w: www.nottingham.edu.my/psychology



UNMCPsychology



@UNMCPsychology

Psychology	Duration	Intake	Malaysian fees	International fees
Single honours				
BSc Psychology KPT/JPS(F3-K068)3/16	3 years, full-time	September	RM35,770 per year	RM39,750 per year
BSc Psychology and Cognitive Neuroscience KPTJPS9(C850)/4/16	3 years, full-time	September	RM35,770 per year	RM39,750 per year

Entry requirements		English language requirements
A level	BBC in either arts or science subjects (A levels with a strong academic component will rank higher than those without); psychology A level is not required	IELTS: 6.5 (no element below 6.0) TOEFL iBT: 88 (no element below 19) PTE (Academic): 62 (minimum 55)
IB Diploma	28 points including 5 points in mathematics (Standard Level)	SPM: grade A-
STPM	B+B+B or grade points of 3.33 in at least 3 subjects, excluding Pengajian Am	1119 (GCE O Level): grade B
UEC	4 As excluding Chinese language	GCSE/IGCSE: grade C
SAM/AUSMAT/HSC	ATAR(UAI)/TER/ENTER 82	UEC: grade A2
Canadian Pre-U	80% average based on 6 subjects	IB English A1 or A2 (Standard or Higher Level): 4 points
The University of Nottingham Malaysia Campus Foundation	Successful completion of the Foundation in Science programme. Other foundation programmes will be considered on a case-by-case basis	IB English B (Higher Level): 4 points IB English B (Standard Level): 5 points
SPM/GCSE/IGCSE	In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have grade B in mathematics	MUET Band 5 may also be considered

Related courses

BSc Applied Psychology and Management Studies
(page 48)

All entry requirements, fees and course information are intended as a guide and were correct at the time of printing. For the most up to date information and further details of each course please visit www.nottingham.edu.my/study/ug

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 127.

BSc Psychology

BSc Psychology and Cognitive Neuroscience

During your first year you will be introduced to the core areas of biological, cognitive, developmental and social psychology. As well as theoretical principles, the modules cover the applied aspects of these subjects, for example in clinical, education and engineering settings. You will learn statistical methods of analysis and how to plan, carry out and report on psychological or cognitive neuroscience experiments. You will also have the flexibility to select up to two modules from other schools.

In your second year you will expand your understanding, deal with more advanced theoretical problems, continue training in relevant research methods and be given greater independence in undertaking research. Practical sessions run in a series of five-week group projects and are accompanied by further statistics courses. Psychology and cognitive neuroscience students have specialist practical classes, focusing on neuroscience-based topics, as well as a series of extra lectures focusing on contemporary neuroimaging techniques. You also have the opportunity to spend one or two semesters in your second year at our campus in the UK.

The final year allows you to choose from a variety of advanced topics. If you are studying for the cognitive neuroscience degree you will take three core neuroscience modules plus another module of your choice, while psychology students have the flexibility to choose from both psychology and cognitive neuroscience modules. You are also required to conduct an independent research study during your final year. Acting under the supervision of lecturers, you will be expected to take the initiative in designing and carrying out the research yourself, and completing a full research project report.

Year 1

Typical core modules

- Cognitive Psychology
- Introduction to Cognitive Neuroscience and Biological Psychology
- Introduction to Developmental Psychology
- Introduction to Social Psychology
- Practical Methods in Psychology
- Statistical Methods

Typical optional modules

- Entrepreneurship and Business
- Introduction to Applied Psychology
- Introduction to Counselling
- Language courses
- Linguistics

Year 2

Typical core modules

- Cognitive Psychology 2
- Conceptual and Historical Issues in Psychology
- Neuroscience and Behaviour
- Personality and Individual Differences
- Practical Methods in Psychology 2
- Practical Methods in Psychology and Cognitive Neuroscience*
- Social and Developmental Psychology
- Statistical Methods 2

Year 3

Typical core modules

- Research Project

Typical optional modules

- Active Vision*
- Autism
- Cognitive Neuroscience of Ageing*
- Cognitive Neuroscience Methods: Neuroimaging*
- Evolution of Brain and Behaviour
- Programming for Psychologists*
- Psychodynamic Psychology and Child Observations
- Psychological Assessment
- Self and Intergroup Processes
- Themes and Debates in Psychology

* Compulsory and specialised modules for psychology and cognitive neuroscience students.

How to apply

Apply online

You can apply to study at The University of Nottingham online via our applicants' portal. To create an application you will need to register to create an account, or logon if you have previously applied online. Visit our applicants' portal at <https://apply.nottingham.edu.my>

Alternatively, you can download an application form from www.nottingham.edu.my/applications. Paper copies are also available from campus. We can post you an application form or you can visit in person to collect one.

We are only able to accept applications via post or through our online applicants' portal. If you have any queries, please contact us.

t: +60 3 8924 8000

w: www.nottingham.edu.my/make-an-enquiry

Step 1

You can apply online via our applicants' portal: <https://apply.nottingham.edu.my>

Alternatively you can download and post your application form to the Admissions Office.

Supporting documents needed

- One academic reference form
- Official SPM/GCSE, AS level results and predicted STPM/UEC/A level grades or equivalent
- English language qualifications (if any)
- Copy of NRIC for Malaysian applicants
- Copy of ID page of passport for international applicants
- Course syllabus (for those applying for entry into the second year of study)

Step 2

An acknowledgement email (with application index number) will be sent to you from the Admissions Office upon receipt of your application.

Step 3

Your application will be considered by our admissions tutors and a decision will be made within two working weeks. You will be sent confirmation via email.

Step 4

Upon acceptance of the offer, you are required to return the accept/decline form and make a tuition fee deposit of RM1,000 within a four-week deadline. This amount shall be off-set from the first semester's tuition fee.

Step 5

Once you have accepted your offer to study at The University of Nottingham Malaysia Campus, you will receive

an offer pack (containing an accommodation form, student visa application etc) either by courier or email. You will only be able to apply for the on-campus accommodation and student visa after you have paid the RM1,000 tuition fee deposit.

Step 6

Prior to registration day, you will receive an email which contains registration information.

International students

International applicants should submit their visa application at least three months before intake to ensure there is sufficient time to apply for a student visa. For further information, please contact the International Office: e: international.enquiries@nottingham.edu.my

International student application fee

The University charges an application fee of \$50.00 USD for international students applying for all courses. This fee applies to online and paper applications.

All international applicants must complete and attach the application fee form as well as proof of payment. Find out more at www.nottingham.edu.my/how-to-apply/international-students

Intakes

February:

- selected undergraduate programmes in Nottingham University Business School

April:

- three-semester foundation programmes

July:

- three-semester foundation programmes

September:

- two-semester foundation programmes
- all undergraduate programmes

Entry requirement guidelines

We strongly encourage all interested students to apply. Our students come to us with a diverse range of qualifications and we also consider applicants' personal statement, references and interview performance (if you have one) when making a decision. The only way for us to fully determine eligibility is through the submission of a completed application.

English language requirement guidelines

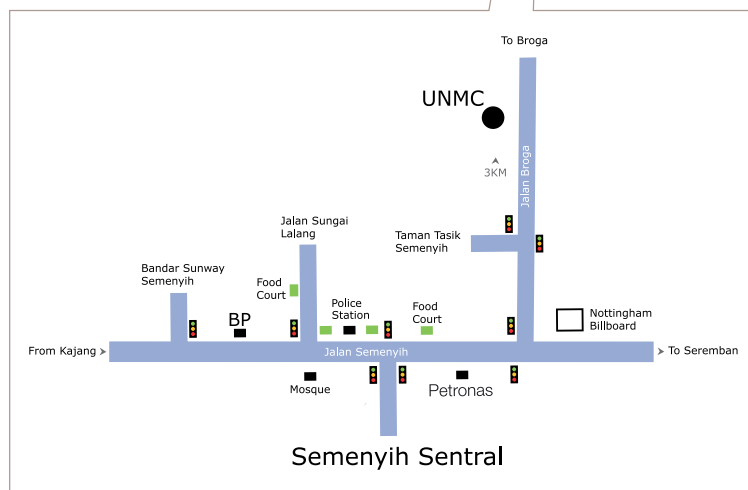
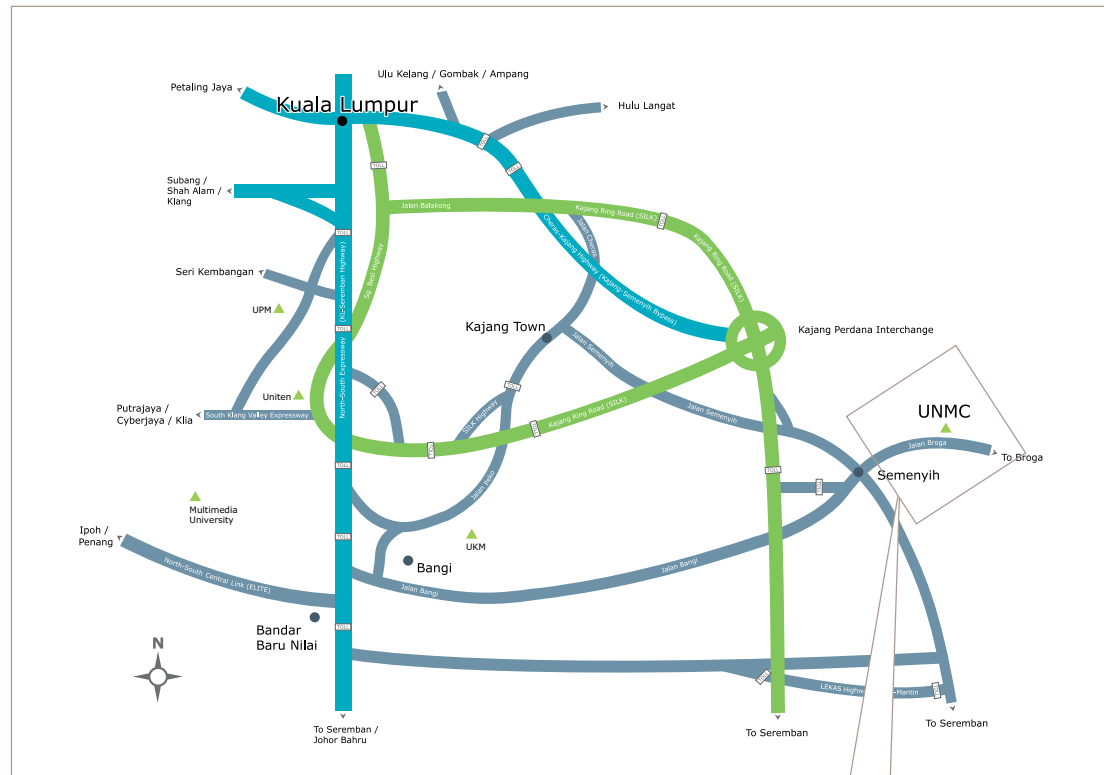
IELTS and TOEFL test results must be less than two years old and all IELTS must be the academic version of the test.

Students enjoying a break in the Student Association food court.



Where to find us

The University of Nottingham Malaysia Campus can be reached easily by train, bus, car or taxi. There is also a shuttle bus available to our students to/from the Keretapi Tanah Melayu (KTM) train station in Kajang. Further information and directions can be found at www.nottingham.edu.my/maps



The University of Nottingham Malaysia Campus
 KPT/JPT/DFT/US/B19
 Jalan Broga, 43500 Semenyih,
 Selangor Darul Ehsan, Malaysia

t: +60 3 8924 8000

f: +60 3 8924 8005

w: www.nottingham.edu.my/make-an-enquiry



UoNMalaysiaCampus



@UoNMalaysia



UoNMalaysia

Index

Course	Page	Course	Page
Applied Psychology and Management Studies	48	Foundation in Engineering	40
Biomedical Sciences	104	Foundation in Science	40
Biotechnology	108	International Business Management	54
Business Economics and Finance	53	International Communications Studies	72
Business Economics and Management	53	International Communications Studies with English Language and Literature	72
Chemical Engineering	84	International Communications Studies with Film and Television Studies	72
Chemical Engineering with Environmental Engineering	84	International Relations	77
Civil Engineering	88	International Relations with French/German/Japanese/Korean/Mandarin/Spanish	77
Computer Science	114	Management Studies	55
Computer Science with Artificial Intelligence	114	Management Studies with French/German/Japanese/Korean/Mandarin/Spanish	55
Computer Science and Management Studies	115	Mechanical Engineering	98
Economics	60	Mechatronic Engineering	93
Education with Special Education Needs	64	Nutrition	109
Education with Teaching English to Speakers of Other Languages (TESOL)	64	Pharmaceutical and Health Sciences	121
Electrical and Electronic Engineering	92	Pharmacy	121
English Language and Literature	68	Plant Biotechnology	110
English with Creative Writing	68	Psychology	126
Environmental Science	108	Psychology and Cognitive Neuroscience	126
Finance, Accounting and Management	54	Software Engineering	116
Foundation in Arts and Education	39		
Foundation in Business and Management	39		

Our publications are available in alternative formats for people with print impairments. Formats include large print, braille, audio and electronic/screen reader compatible files. If you require this publication in an alternative format please contact us.

t: +44 (0)115 951 4591

e: alternativeformats@nottingham.ac.uk

The University of Nottingham has made every effort to ensure that the information in this brochure was accurate when published. Please note, however, that the nature of the content means that it is subject to change from time to time, and you should therefore consider the information to be guiding rather than definitive.

© The University of Nottingham 2013. All rights reserved.

Published October 2013
Design: campbellrowley.co.uk



Students enjoying free time in the central area of campus.

Get social

Connect with Nottingham



We use the latest technology to bring Nottingham to life and to ensure you can experience and interact with the University community anytime, anywhere in the world.

Discover more:
www.nottingham.edu.my/connect

