Welcome to the world of Nottingham

Access to a world-class UK education
All our degrees are taught in English and all students graduate with the same degree and the same certificate, regardless of which campus they study at. Our degrees are accredited by international professional bodies such as the Association of MBAs, the Royal Pharmaceutical Society in Great Britain and the UK Engineering Council.

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

Worldwide study abroad opportunities
There’s a wealth of opportunities at our campuses in China and the UK and at partner universities across the globe.
Welcome to the world of Nottingham

Top

1% of universities worldwide
Ranked 77th in the QS World University Rankings 2014.

A world top

40 choice for employers
According to the QS World University Ranking by Employer Reputation 2014/15.

2 international campuses
in China and the UK

Over

230,000 alumni from across the globe
Alumni from our UK, China and Malaysia Campuses.

Over

4,500 students from 70 countries study at UNMC

Access to a world-class UK education
All our degrees are taught in English and all students graduate with the same degree and the same certificate, regardless of which campus they study at. Our degrees are accredited by international professional bodies such as the Association of MBAs, the Royal Pharmaceutical Society in Great Britain and the UK Engineering Council.

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

Worldwide study abroad opportunities
There’s a wealth of opportunities at our campuses in China and the UK and at partner universities across the globe.

Renowned for our commitment to teaching and learning, we are in the top 1% of universities internationally*. 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.

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.

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 77th in the QS World University Rankings 2014.
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Front cover: Undergraduate students discussing coursework in the Central Plaza at the Malaysia Campus.
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 range 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 will equip 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 Quality Assurance Agency (QAA) for Higher Education’s independent review of teaching quality in the UK.
World-changing research

www.nottingham.edu.my/research

- 90% of Nottingham’s research is of an international standard and 60% is world-leading or internationally excellent*
- Received over RM11 million in research funding in 2013
- Over 170 papers were published by academics

Research highlights include:
- The Centre of Excellence for Green Technologies
- The Centre of Excellence for Post-harvest Biotechnology
- The Crops for the Future Research Centre

Other research highlights include drug discovery and delivery, an elephant conservation programme, food drying and processing, green technologies, media monitoring and sustainability of the environment.

Accolades
Staff in Malaysia have been awarded with the Outstanding Asian Researcher and Engineering award by the Society of Chemical Engineers, Japan, particularly for their work in green technology.

Support
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.

Research
Research in Malaysia takes place against a background of excellence at Nottingham. We are characterised by excellence in research, with our particular focus on addressing the challenges facing Southeast Asia and countries in the Islamic world.

Our 13 research priority areas complement the University’s global priorities while representing those that are unique to Malaysia and Southeast Asia.

Research priority areas
• 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

Find out about our research and knowledge transfer activities on our blog:
blogs.nottingham.ac.uk/malaysiaknowledgetransfer
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
We are based on a self-contained site near Seremban, 30 kilometers from Malaysia’s capital city, Kuala Lumpur (KL). 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 KL 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. Prayer rooms are available 24-hours a day for Muslim students, with a free bus service provided to the mosque in Seremban for Friday prayers. Buddhist, Christian and Hindu places of worship can be found in Seremban and University facilities are also available to support and host these activities.

Eat, drink and socialise
The campus has an indoor and outdoor food court based in the Student Association Building, which has recently been extended and renovated, providing a wide choice of food for all tastes. 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 Student Association Building and around campus. These are perfect places to relax and catch up with friends.

Watch our campus tour:
www.nottingham.edu.my/go/watch-campus-tour
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.

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 its very own merchandise shop Nott A Shop.

You may choose to take the leadership challenge as an elected student officer in the SA Executive Committee, the Student Council Steering Committee or in the clubs and societies executive, or use your talents to organise or participate in the many events and activities. Whatever you decide to do, there are lots of opportunities available to help develop your skills while enhancing your CV.

Student Association Executive Committee

The SA is run by an Executive Committee (EXCO) of nine elected full-time student volunteers holding various portfolios to serve the student community. The EXCO aims to improve the experience of student life by providing representation, development opportunities and quality services for all our students. 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.

Positions held by the Executive Committee include:

- President
- Vice President
- Activities Officer
- Education Officer
- Home Officer
- International Officer
- Postgraduate Officer
- Sports Officer
- Sustainability Officer

Student Council

The Student Council is the governing body of the Student Association. It represents and serves the interests of all students at UNMC. The Student Council deliberates on issues brought up by students based on the SA constitution and its policies. It also initiates and frames SA policies.

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. 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 covering a wide spectrum of interests 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 CV and for your own self-development. Annual membership fees range from RM10 to RM20 depending on the club or society. During the second week of the first semester there is a Clubs and Societies Fair, where you will be spoilt for choice with clubs and societies to join.

Networks

Networks bring together students either to discuss issues of importance or to work together to organise events, campaigns or other forms of democratic action. Each network is chaired by an SA Executive Officer. Networks are also channels to collectively bring up welfare concerns to the University management while recommending ways to improve these concerns.

The networks under the various executive officers are:

- Education Network – Education Officer
- International Students’ Bureau (ISB) – International Officer
- Sports Network – Sports Officer
- Student Environment and Equality Network (SEEN) – Sustainability Officer
- Welfare Networks – Home Officer and International Officer who deal with:
  - Accommodation
  - Food
  - Health
  - Security
  - Transport

Find out more about the Student Association at sanottingham.org

Students participating in a Chinese drum ensemble rehearsal.

Students participating in a Chinese drum ensemble rehearsal.
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 – Malaysia, the UK and China – competing against each other in several sports. The Games involve nearly 200 students from more than 20 nationalities and are held on a different international campus each year.

Get involved in the games through one of the Student Association sports clubs or come along and show your fellow students your support!
Career development
The Careers Advisory Service (CAS) can play an important role in your career development. Our services will provide you with essential resources and guidance for your career choices and offer many opportunities for you to develop the skills needed to plan and manage your future. CAS will help you develop your career by:

• preparing you for the working world by providing advice on matters such as CV and cover letter writing, interview and job hunting skills
• providing you with the necessary knowledge to manage your career expectations and enhance your employability
• creating awareness of the importance of career information, resources, skills development and career guidance to fully prepare you for the workplace
• liaising and maintaining close links with potential employers to obtain information on career opportunities, internship and training programmes and competitions
• organising events such as careers fairs and careers talks to provide invaluable opportunities to meet potential employers
• arranging company presentations, field trips, networking events and roadshows
• providing access to dedicated online and printed careers information on relevant occupations, employers and further study through the Careers Resource Centre
• maintaining good relationships and excellent collaborations with potential employers for the benefit of students, employers and the University

Nottingham Advantage Award
The Nottingham Advantage Award is a voluntary extracurricular programme that enables you to develop further skills outside your main degree programme. It provides the opportunity to gain additional skills and experiences that you can put on your CV, adding to the portfolio of employability skills that you will have developed by the time you graduate.

You may choose to complete as few or as many modules as you wish from the diverse range available. These include language learning, community volunteering, career skills and enhancing sustainability skills. Modules successfully completed under the Award are recognised on your degree transcript and those students who complete the full Award (at least three modules) receive an additional certificate upon graduation.

w: www.nottingham.edu.my/advantageaward

Research shows that Nottingham is the most targeted university by Britain’s leading graduate employers*.
* The Graduate Market in 2014, High Fliers Research.
Our alumni

Graduates of The University of Nottingham automatically become members of our extensive global alumni community. There are a whole host of services available to you as a Nottingham alumnus, including:

- lifelong access to the Careers Advisory Service
- masterclasses
- mentoring programmes
- social networking events
- talent roadshows

Alumni and Donor Relations Office

A new Alumni and Donor Relations Office was set up on the Malaysia Campus in 2013, signalling the University’s intentions to further serve 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 Muhibbuddin Shah Ibni Almarhum Sultan Yusuf Izzuddin Shah Ghaforullahu-iah – Sultan of Perak, Malaysia
- YAB Dato’ Sri Mohd Najib Bin Tun Haji Abdul Razak – Prime Minister of Malaysia
- YAM Tunku Tan Sri Imran Ibni Almarhum Tuanku Ja’far – 10th Yang di-Pertuan Agong (equivalent to King) of Malaysia from 26 April 1994 until 25 April 1999 and the 4th Yang di-Pertuan Besar of modern Negeri Sembilan
- YAM Raja Dato’ Seri Ashman Shah – Member of the Perak Royal Family
- YBhg Tan Sri Datuk Stephen Yong – former Minister of Science, Technology and Environment, Malaysia Yang di-Pertua Negeri Pulau Pinang and Ambassador of Malaysia to UNESCO
- YBhg Tun Dato’ Seri Hamdan Bin Sheikh Tahir – Former General Director of Education, Yang di-Pertua Negeri Pulau Pinang, Ambassador of Malaysia to UNESCO
- YM Tengku Tan Sri Dato’ Seri Ahmad Rithaudeen Bin Tengku Ismail – Former Minister of Foreign Affairs, Minister of Trade and Industry and Deputy Minister of Defence in Malaysia, Chairman of The University of Nottingham in Malaysia Sdn. Bhd

# UNMCAlumni

Our global community

As a graduate of The University of Nottingham, you will join our global community of 230,000 alumni worldwide.

Molly Fong, Business School alumna and CEO of The Body Shop, Malaysia and Vietnam, at a store in Kuala Lumpur.
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.

Health and wellbeing

In addition to the many opportunities available to you to enhance your life on campus, we also hold your health and wellbeing 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.

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

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. If you are a student with a physical disability, dyslexia or a long-term medical condition, our disability service, offered through the University Wellbeing and Learning Support, 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
Learn more about our 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 to help you with University-related administration, such as accommodation, campus services, finance, sponsorship, support services, 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 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
We believe that all students have the potential to complete their studies speaking excellent English. 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 29).

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

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.

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

Library resources
The library at the Malaysia Campus has a comprehensive collection of materials to meet the taught courses offered by the University. 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 via the networked computers on campus and also remotely.

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

IT services
Information Services provide a range of facilities both on campus and off campus. These include: computer rooms; video conferencing facilities; print, copy and scanning facilities; and student portals for accessing study materials.

Find out more: 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.

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 of the academic areas, food and leisure facilities. They range from single en suite to four share bedrooms and include our new halls of residence, which opened in 2013. Each hall offers fully furnished bedrooms and a warden or tutor who is responsible for your welfare.

Facilities include:

• cleaning services
• laundry services
• learning hub
• pantry facilities
• repair and maintenance services
• Wi-Fi 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.

<table>
<thead>
<tr>
<th>Room types</th>
<th>Rental per student*</th>
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<tbody>
<tr>
<td>Deluxe single en suite bathroom with air-conditioning</td>
<td>RM850 per month</td>
</tr>
<tr>
<td>Single en suite bathroom with air-conditioning</td>
<td>RM680 per month</td>
</tr>
<tr>
<td>Single shared en suite bathroom with air-conditioning</td>
<td>RM615 per month</td>
</tr>
<tr>
<td>Single shared en suite bathroom</td>
<td>RM510 per month</td>
</tr>
<tr>
<td>Single shared bathroom in five room flat with air-conditioning</td>
<td>RM585 per month</td>
</tr>
<tr>
<td>Single shared bathroom in five room flat</td>
<td>RM480 per month</td>
</tr>
<tr>
<td>Twin shared in six bed flat</td>
<td>RM455 per month</td>
</tr>
<tr>
<td>Four shared bedroom</td>
<td>RM415 per month</td>
</tr>
<tr>
<td>Double decker shared en suite bathroom with air-conditioning</td>
<td>RM415 per month</td>
</tr>
<tr>
<td>Double decker shared en suite bathroom</td>
<td>RM470 per month</td>
</tr>
</tbody>
</table>

* The printed accommodation rates are based on 2014/15 rates and are subject to change without prior notice.

How to apply

Once you have accepted your offer to study at The University of Nottingham Malaysia Campus and you have paid your acceptance fee, you will be able to apply for on-campus accommodation. You should apply for accommodation as early as possible to avoid disappointment – we cannot guarantee that on-campus accommodation will be available for late applicants. Please see our website for accommodation application deadlines: www.nottingham.edu.my/accommodation

You will be sent an accommodation application form along with your offer. Alternatively, you can download the form from our website: www.nottingham.edu.my/accommodation

If you have a disability or a specific medical requirement, please indicate this in your application form and send us any necessary medical reports. These will be sent on to our Student Wellbeing and Learning Support Office for further advice and assessment. We will not be able to consider a request if you fail to indicate your specific requirements in your application form.

Off-campus accommodation

Should the on-campus accommodation be unavailable, you may choose to live in off-campus accommodation in 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.

Find out more

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 8009
e: accommodation@nottingham.edu.my
w: www.nottingham.edu.my/accommodation
Welcome to Malaysia
Covering an area of 127,380 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 are located on the north-western 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 groups. 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 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. We manage the student exchange and intercampus transfer programmes and 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 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

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 dependant passes for spouse or family members, renewing the student visa while transferring schools within Malaysia and any other visa-related issues.

The Visa Office also arranges for the required annual renewal of student visas. Please contact us for further information: apply.visa@nottingham.edu.my

Airport pick-up
We offer a free airport pick-up service for new international students arriving at Kuala Lumpur International Airport (KUL) or at KUL2. 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.

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
c: international.support@nottingham.edu.my
w: www.nottingham.edu.my/international

“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.
Our international 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 and Sunday Times Good University Guide 2014.*

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, 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 Nottingham Lakeside Arts.

**Jubilee Campus**
Jubilee Campus opened in 1999 and is just one mile from University Park. It 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, one of the country’s tallest free-standing works 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, specialist 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 144 acres of landscaped parkland, with 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

*Students enjoying summer on the Jubilee Campus, UK.*
Overseas opportunities

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 as 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
One unique feature of the Malaysia Campus is the opportunity for an undergraduate to spend one or two semesters of the second year of study at The University of Nottingham UK, or The University of Nottingham Ningbo China (UNNC) while paying Malaysia Campus tuition fees only. Participation is subject to the programme or course being taught at our international campuses – please check with the relevant faculty about the programmes available.

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, USA
- Concordia University, Canada
- Sciences Po Toulouse, France
- Technological School of Monterrey, Mexico
- University of Birmingham, UK
- University of Queensland, Australia
- University of Glasgow, UK
- The University of Groningen, The Netherlands
- The University of New South Wales, Australia
- Universidad del Desarrollo, Chile

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.

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 fulfills 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

Find out more
For further information on overseas study opportunities please contact the International Student Support Office:
t: +60 3 8924 8193/8036/8684
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 insessional 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.

Assessment
You will be assessed via written and spoken tasks and coursework that are similar to those that you will encounter in your future foundation/degree programme. You will need to pass these in order to progress onto your chosen programme or the next stage of the course. At the end of the course you will write an academic project, undertake an oral examination discussing this project, and participate in a formal group discussion.

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.

Insessional courses
At CELE we also run insessional 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.

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

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

Course duration | IELTS improvement | Intakes | Fees
--- | --- | --- | ---
10 weeks | Students who need to improve score by 0.5 | July | RM5,960
20 weeks | Students who need to improve score by 1.0 | April | RM11,920
30 weeks | Students who need to improve score by 1.5 | February | RM17,880

Entry requirements
A conditional offer from the University for a foundation, undergraduate or postgraduate programme where you have not met the English language requirements.

English language requirements
We normally prefer students to have a pre-existing IELTS qualification. However, other language qualifications are also acceptable. Please contact us for more details.

Undergraduate students studying outside.
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 fund your education.

Full scholarships

Chinese Independent Schools (UEC) Scholarship
The 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’ Scholarship
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 Scholarship (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, i.e. from:
• foundation to year 1
• year 1 to year 2
• year 2 to year 3
• year 3 to year 4

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
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.

Part scholarships for Malaysian 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 Engineering

Faculty of Science
• Computer Science
• Psychology

Other finance options
Other finance options 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, information days and counselling sessions 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. To find out more visit www.nottingham.edu.my/study/events

Independent 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.

Meet us in your country
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. These agents and counsellors can help you find the right course and offer support and advice throughout the application process. Find out which countries have representatives: www.nottingham.edu.my/overseasrepresentatives

Find out more
Contact us to find out how you can meet our staff or visit our campus: www.nottingham.edu.my/make-an-enquiry
Foundation programmes

Arts and Education  40
Business and Management  40
Engineering  41
Science 42

Watch our videos to find out more about our foundation programmes.

www.nottingham.edu.my/go/watch-ug-foundation
Foundation programmes

Study with us because:

• Our foundation programmes are an opportunity to gain the skills and knowledge needed to undertake a range of bachelor 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.

What is a foundation programme?

At The University of Nottingham Malaysia Campus (UNMC) we offer four foundation programmes: Arts and Education, Business and Management, Engineering and Science. Our foundation programmes are ideal as an entry pathway for our degree programmes and will provide you with the level of academic literacy skills and confidence to further your education. Upon successful completion of your foundation programme, progression to an undergraduate degree is automatic and unconditional.

While all foundation programmes have an English language component, each foundation course is designed to target the specific needs of the student. Upon successful completion of your foundation programme, progression to an undergraduate degree is automatic and unconditional.

Two or three-semester programme?

Each semester consists of 10-12 weeks of teaching and an additional one to three weeks of assessment. Your foundation route depends on your skills and the amount of formal education you have undertaken. The three-semester programme is ideal if you have completed a minimum of 11 years of formal education, whereas the two-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 two 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 degrees can I progress on to?

Successful completion of our engineering or science foundation programme will enable you to go on to take a bachelor 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 40).

Find out more

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

Foundation programmes

www.nottingham.edu.my/foundation

Foundation programmes

www.nottingham.edu.my/foundation

<table>
<thead>
<tr>
<th>Foundation</th>
<th>Duration</th>
<th>Intake</th>
<th>Malaysian fees</th>
<th>International fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts and Education Foundation</td>
<td>2 or 3</td>
<td>April and July</td>
<td>RM7,750</td>
<td>RM8,950</td>
</tr>
<tr>
<td></td>
<td>semesters</td>
<td>(3 semester),</td>
<td>per semester</td>
<td>per semester</td>
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<tr>
<td></td>
<td>full-time</td>
<td>September (2 semester)</td>
<td></td>
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<tr>
<td>Business and Management Foundation</td>
<td>2 or 3</td>
<td>April and July</td>
<td>RM7,750</td>
<td>RM8,950</td>
</tr>
<tr>
<td></td>
<td>semesters</td>
<td>(3 semester),</td>
<td>per semester</td>
<td>per semester</td>
</tr>
<tr>
<td></td>
<td>full-time</td>
<td>September (2 semester)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineering Foundation</td>
<td>2 or 3</td>
<td>April and July</td>
<td>RM9,390</td>
<td>RM10,640</td>
</tr>
<tr>
<td></td>
<td>semesters</td>
<td>(3 semester),</td>
<td>per semester</td>
<td>per semester</td>
</tr>
<tr>
<td></td>
<td>full-time</td>
<td>September (2 semester)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science Foundation</td>
<td>2 or 3</td>
<td>April and July</td>
<td>RM8,950</td>
<td>RM10,130</td>
</tr>
<tr>
<td></td>
<td>semesters</td>
<td>(3 semester),</td>
<td>per semester</td>
<td>per semester</td>
</tr>
<tr>
<td></td>
<td>full-time</td>
<td>September (2 semester)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Entry 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.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Grade/Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPM</td>
<td>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</td>
</tr>
<tr>
<td>GCSE/IGCSE</td>
<td>A minimum of 6 subjects, including 4 Bs and 2 Cs with grade C in mathematics, excluding religion and national language</td>
</tr>
<tr>
<td>UEC</td>
<td>A minimum of 6 subjects, including 5 Bs and a C, with grade C in mathematics, excluding Bahasa Malaysia and Chinese language</td>
</tr>
<tr>
<td>Business and Management</td>
<td></td>
</tr>
<tr>
<td>SPM</td>
<td>A minimum of 6 Bs including mathematics, excluding English for science and technology, Islamic studies and moral studies</td>
</tr>
<tr>
<td>GCSE/IGCSE</td>
<td>A minimum of 4 Bs and 2 Cs with B in mathematics, excluding religion and national language</td>
</tr>
<tr>
<td>UEC</td>
<td>A minimum of 6 Bs, including mathematics, excluding Bahasa Malaysia and Chinese language</td>
</tr>
</tbody>
</table>

English language requirements

- IELTS: 6.0 (no element below 5.5)
- TOEFL iBT: 79 (no element below 19)
- PTE (Academic): 55 (minimum 51)
- SPM: grade B+
- GCSE O Level: grade C
- IGCSE (first language): grade C
- UEC: grade B3

www.nottingham.edu.my/foundation
Entry requirements (continued)

<table>
<thead>
<tr>
<th>Entry requirements</th>
<th>English language requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering</td>
<td>IELTS: 6.0 (no element below 5.5)</td>
</tr>
<tr>
<td>SPM</td>
<td>TOEFL iBT: 79 (no element below 19)</td>
</tr>
<tr>
<td>GCSE/IGCSE</td>
<td>PTE (Academic): 55 (minimum 51)</td>
</tr>
<tr>
<td>UEC</td>
<td>SPM: grade B+</td>
</tr>
<tr>
<td></td>
<td>1119 (GCSE O Level): grade C</td>
</tr>
<tr>
<td></td>
<td>GCSE O Level: grade C</td>
</tr>
<tr>
<td></td>
<td>IGCE (first language): grade C</td>
</tr>
<tr>
<td></td>
<td>IGCE (second language): grade B</td>
</tr>
<tr>
<td></td>
<td>GCSE/IGCSE: grade C</td>
</tr>
<tr>
<td></td>
<td>UEC: grade B3</td>
</tr>
</tbody>
</table>

Science leading to MPharm Pharmacy

SPM/GCSE/IGCSE: A minimum of 1 A in mathematics or additional mathematics and 4 Bs including biology, chemistry and physics, excluding religious studies, moral studies and languages

All progressing Foundation candidates into MPharm are expected to fulfill the academic progressing rule and English language requirement stipulated by the School of Pharmacy at the Malaysia Campus.

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 20 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.

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 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.

Foundation programmes

www.nottingham.edu.my/foundation

Foundation in Arts and Education

First semester

Typical core modules

- Introduction to Critical Thought

Typical optional modules

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

Second semester

Typical core modules

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

Typical optional modules

- Foundations in Communications Politics and Media A
- Foundations in Education A
- IT for Communication
- Optional business modules
- Use of English A
**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 covers topics in biology, chemistry and mathematics as well as specialist modules for bioscience, computer science, pharmacy and psychology pathways. 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

**Typical additional optional modules**

- Business Functions

**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**

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
Asian and International Studies (BA)
Education with Teaching English to Speakers of Other Languages /Special Education Needs (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)
Psychology (BSc)
Psychology and Cognitive Neuroscience (BSc)

Business and Management

Primary courses for progression:
Business Economics and Finance (BA)
Business Economics and Management (BA)
Economics (BSc)
Finance, Accounting and Management (BA)
International Business Management (BA)
Management Studies (BA)
Politics and Economics (BA)

Alternative pathways for progression:
Applied Psychology and Management Studies (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)
Watch our videos to find out more about our arts and social sciences programmes

www.nottingham.edu.my/go/watch-ug-arts

Arts and Social Sciences

Applied Psychology 47
Business 50
Economics 55
Education 58
English 61
Modern Languages and Cultures 64
Politics, History and International Relations 67

Undergraduate students participating in an English literature seminar.
Applied Psychology

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.

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.

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

Related courses
- BA Business Economics and Management (page 52)
- BA Finance, Accounting and Management (page 53)
- BA International Business Management (page 53)
- BA Management Studies (page 54)
- BSc Psychology (page 110)
- BSc Psychology and Cognitive Neuroscience (page 110)
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. 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
• Consumer Markets
• Entrepreneurship and Business
• Financial Accounting
• The Individual 1: Cognition, Memory and Perception
• The Individual 2: Individual Differences
• Introduction to Applied Psychology
• Management Accounting and Decisions 1
• People, Work and Organisations

Plus optional business modules

Year 2

Typical core modules

• Applied Research Methods 3: Advanced Quantitative Methods
• Contemporary Issues in Applied Psychology
• Cross Cultural Psychology
• Human Resource Management
• The Individual 3: Learning
• Marketing Management
• People, Groups and Society
• Strategic Management: Analysis and Content
• Technology and Organisation

Plus optional applied psychology modules

Plus optional business modules

Year 3

Typical core modules

• Contemporary Developments in Human Resource Management
• International Business
• Research project in applied psychology
• Strategic Management: Process and Practice
• Sustainable Business Challenge

Plus optional applied psychology modules

Plus optional business modules

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 University of Nottingham is placed 77th in the world and in the top 1% of Universities in the world and in the top 1% of Universities internationally by the latest (2014) QS World University Rankings, which also places 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.

Professional accreditation

Nottingham University Business School is one of an elite group of business schools accredited by the European Quality Improvement System (EQUIS). Uniquely, the EQUIS accreditation applies to all our campuses – the UK, China and Malaysia. 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, Citibank, 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.
### Related courses

- **BSc Applied Psychology and Management Studies** (page 49)
- **BSc Economics** (page 57)
- **BA Politics and Economics** (page 72)
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**

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**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 communications studies and international relations, complementing the business focus of the core curriculum.

**Year 1**

**Typical core modules**
- Business Economics
- Business Finance
- Computers in Business
- Entrepreneurship and Business
- Financial Accounting
- New Venture Creation
- Organisational Behaviour
- 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
- International Business Strategy
- International Finance
- Strategic Management

**Plus approved optional modules**

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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.
Economics

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.

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.

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

Entry requirements

<table>
<thead>
<tr>
<th>Level</th>
<th>A level</th>
<th>IB Diploma</th>
<th>STPM</th>
<th>UEC</th>
<th>SAM or other Australian matriculations</th>
<th>Canadian (CIMP/IPCU)</th>
<th>The University of Nottingham Malaysia Campus Foundation</th>
<th>SPM/GCSE/IGCSE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BBB, excluding general studies</td>
<td>30 points with 5,5,5 at Higher Level and 5 points in mathematics at Higher Level or 6 points at Standard Level</td>
<td>B+B+B+, excluding Pengajian Am</td>
<td>5 As, excluding Bahasa Malaysia and Chinese language</td>
<td>ATAR 86 (consideration to be made based on relevant subjects)</td>
<td>88% average based on 6 subjects with 70% in calculus and 80% in data management</td>
<td>Successful completion of the Foundation in Business and Management programme</td>
<td>In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have grade A in mathematics</td>
</tr>
</tbody>
</table>

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 112.

Related courses

BA Business Economics and Finance (page 52)
BA Business Economics and Management (page 52)
BA Politics and Economics (page 72)
Economics
www.nottingham.edu.my/economics

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
• Economic Integration 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
• 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 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.

Education
www.nottingham.edu.my/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, or professor 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-directed 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
www.nottingham.edu.my/education

<table>
<thead>
<tr>
<th>Duration</th>
<th>Intake</th>
<th>Malaysian fees</th>
<th>International fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA Education with Teaching English to Speakers of Other Languages (TESOL)/Special Education Needs*</td>
<td>3 years full-time</td>
<td>September</td>
<td>RM27,580 per year</td>
</tr>
<tr>
<td>BEd Education with Teaching English to Speakers of Other Languages (TESOL)/Special Education Needs*</td>
<td>4 years full-time</td>
<td>September</td>
<td>RM27,580 per year</td>
</tr>
</tbody>
</table>

Entry requirements

A level
- BBC, excluding general studies
- IELTS: 6.5 (no element below 6.0)
- TOEFL iBT: 88 (no element below 19)

IB Diploma
- 28 points with 5,5,4 at Higher Level
- PTE (Academic): 62 (minimum 55)
- SPM: grade A-
- ATAR 82 (consideration to be made based on relevant subjects)
- GCSE O Level: grade C

STPM
- B+B+B, excluding Pengajian Am
- IGCSE (first language): grade C

UEC
- 4 As, excluding Bahasa Malaysia and Chinese language
- IGCSE (second language): grade B

SAM or other Australian matriculations
- 86% average based on 6 subjects (consideration to be made based on relevant subjects)
- UEC: grade A2

Canadian (CIMP/ICPU)
- 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

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, school 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 112.

Education
www.nottingham.edu.my/education

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

The BA Education programme is studied full-time over three years and BEd programme is 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 your pathway. 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
- Educational Inquiry (extended project)
- 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
- The Teaching of Grammar
- TESOL Methodology

Year 4 (BEd only)

- Planning for Continuing Professional Development
- Practical teaching in TESOL
- School experience

* The Special Educational Needs pathway may not be available in 2015/16 - please contact us for more information if you are considering applying for this course.
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: 19th century literature; applied linguistics; American, British, Canadian and Malaysian literatures; computer-mediated communication; creative writing; discourse analysis; metaphor studies 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 occasional 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

Entry requirements

<table>
<thead>
<tr>
<th>A level</th>
<th>BBB, excluding general studies</th>
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<tr>
<td>IB Diploma</td>
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<td>ATAR 86 (consideration to be made based on relevant subjects)</td>
</tr>
<tr>
<td>Canadian (CIMP/ICPU)</td>
<td>88% average based on 6 subjects (consideration to be made based on relevant subjects)</td>
</tr>
<tr>
<td>The University of Nottingham Malaysia Campus Foundation</td>
<td>Successful completion of the Foundation in Arts and Education programme</td>
</tr>
</tbody>
</table>

English language requirements

| IELTS: 6.5 (no element below 6.0) |
| TOEFL iBT: 88 (no element below 19) |
| PTE (Academic): 62 (minimum 55) |
| SPM: grade A- |
| 1119 (GCE O Level): grade B |
| GCSE O Level: grade C |
| IGCSE (first language): grade C |
| IGCSE (second language): grade B |
| 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, school 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 112.

Related courses

BA International Communications Studies (page 66)
BA International Communications Studies with English Language and Literature (page 66)
BA International Communications Studies with Film and Television Studies (page 66)
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.

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 brings 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 media and communication industry connections provide you with the opportunity to study abroad and apply for summer internships during your degree.
• Our BA degrees have a compulsory language component which allows you to learn a modern European or Asian language to a high degree of proficiency, providing 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.
Modern Languages and Cultures
www.nottingham.edu.my/modern-languages

<table>
<thead>
<tr>
<th>Modern Languages and Cultures</th>
<th>Duration</th>
<th>Intake</th>
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<tbody>
<tr>
<td>BA International Communications Studies</td>
<td>3 years full-time</td>
<td>September</td>
<td>RM35,690 per year</td>
<td>RM38,000 per year</td>
</tr>
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<td>BA International Communications Studies</td>
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<td>September</td>
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<td>BA International Communications Studies with Film and Television Studies</td>
<td>3 years full-time</td>
<td>September</td>
<td>RM35,690 per year</td>
<td>RM38,000 per year</td>
</tr>
</tbody>
</table>

**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 56) |
| UEC | 4As, excluding Bahasa Malaysia and Chinese language | SPM: grade A- |
| SAM or other Australian matriculations | ATAR 82 (consideration to be made based on relevant subjects) | 1119 (GCE O Level): grade B |
| Canadian (CIMP/ICPU) | 86% average based on 6 subjects (consideration to be made based on relevant subjects) | GCSE O Level: grade C |
| The University of Nottingham Malaysia Campus Foundation | Successful completion of the Foundation in Arts and Education or Business and Management programme | IGCSE (first language): grade C |
| SPM/GCSE/IGCSE | In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have grade C in mathematics | IGCSE (second language): grade B |
| UEC | grade A2 | UEC: grade A2 |
| IB English A1 or A2 (Standard or Higher Level): 4 points | 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 63)
- BA English with Creative Writing (page 63)
- BA Asian and International Studies (page 71)

**Year 2**

**Typical core modules**

- Cultural Politics
- Film and TV in Social and Cultural Context**
- Intermediate French, German, Japanese, Korean, Mandarin or Spanish (full year)
- Introduction to Interpreting and Translation (elective)
- Political Communication, Public Relations And Propaganda
- Researching Culture, Film And Media (full year)
- Transnational Media**

Plus one literature and one linguistics module from the School of English (please refer to their module listings on page 63).

**Year 3**

**Typical core modules**

- Advanced French, German, Japanese, Korean, Mandarin or Spanish (full year)
- Cultural, Film and Media Dissertation (full year)
- Documentary Film and Documentary Practice**
- Media and Conflict
- Modern British Fiction*
- Patterns, Functions and Descriptions of English*
- South East Asian Film**
- Writing For The Media*

* Compulsory for English language and literature students only.
** Compulsory for film and television studies students only.
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.

• Our academic staff are trained educators engaged in a range of internationally recognised cutting-edge, policy relevant and discipline driven research. As active scholars whose areas of expertise range from nationalism to international development and security studies, to the politics of Asia, the Middle East, Europe and Latin America, they participate in public debate, from academic publishing to analysing contemporary issues in the media.

• 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 practised – 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

“In my three 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 Nor zam
BA International Relations with Mandarin
## Entry requirements

<table>
<thead>
<tr>
<th>Programme</th>
<th>English language requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA Asian and International Studies and BA International Relations</td>
<td>IELTS: 6.5 (no element below 6.0)</td>
</tr>
<tr>
<td>A level</td>
<td>TOEFL IBT: 88 (no element below 19)</td>
</tr>
<tr>
<td>IB Diploma</td>
<td>PTE (Academic): 62 (minimum 55)</td>
</tr>
<tr>
<td>STPM</td>
<td>SPM: grade A-</td>
</tr>
<tr>
<td>UEC</td>
<td>1119 (GCE O Level): grade B</td>
</tr>
<tr>
<td>SAM or other Australian matriculations</td>
<td>GCSE O Level: grade C</td>
</tr>
<tr>
<td>Canadian (CIMP/ICPU)</td>
<td>IGCSE (first language): grade C</td>
</tr>
<tr>
<td>SPM/GCSE/IGCSE</td>
<td>IGCSE (second language): grade B</td>
</tr>
<tr>
<td>Applicants with these backgrounds are strongly encouraged to apply and are welcome to contact the school beforehand if they wish to discuss eligibility</td>
<td>UEC: grade A2</td>
</tr>
<tr>
<td>Successful completion of the Foundation in Arts and Education or Business and Management programme</td>
<td>IB English A1 or A2 (Standard or Higher Level): 4 points</td>
</tr>
<tr>
<td>Successful completion of the Foundation in Arts and Education or Foundation in Business and Management programme</td>
<td>IB English B (Higher Level): 4 points</td>
</tr>
<tr>
<td>In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have grade C in mathematics</td>
<td>IB English B (Standard Level): 5 points</td>
</tr>
</tbody>
</table>

### BA International Relations with a language

Applicants for degree programmes with a language minor must have no prior knowledge of that language

<table>
<thead>
<tr>
<th>Programme</th>
<th>English language requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A level</td>
<td>BBB, excluding general studies</td>
</tr>
<tr>
<td>IB Diploma</td>
<td>30 points with 5,5,5 at Higher Level and 5 points in mathematics at Standard or Higher Level</td>
</tr>
<tr>
<td>STPM</td>
<td>B+B+B+, excluding Pengajian Am</td>
</tr>
<tr>
<td>UEC</td>
<td>5 As, excluding Bahasa Malaysia and Chinese language</td>
</tr>
<tr>
<td>SAM or other Australian matriculations</td>
<td>Applicants with these backgrounds are strongly encouraged to apply and are welcome to contact the school beforehand if they wish to discuss eligibility</td>
</tr>
<tr>
<td>Canadian (CIMP/ICPU)</td>
<td>Successful completion of the Foundation in Arts and Education or Business and Management programme</td>
</tr>
<tr>
<td>SPM/GCSE/IGCSE</td>
<td>In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE must have grade C in mathematics</td>
</tr>
</tbody>
</table>

## English language requirements

- **IELTS**: 6.5 (no element below 6.0)
- **TOEFL IBT**: 88 (no element below 19)
- **PTE (Academic)**: 62 (minimum 55)
- **AMES**: grade A-
- **IB Diploma**: 1119 (GCE O Level): grade B
- **GCSE O Level**: grade C
- **IGCSE (first language)**: grade C
- **IGCSE (second language)**: grade B
- **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
- **Canadian (CIMP/ICPU)**: 88% average based on 6 subjects with 70% in calculus and 80% in data management
- **SM/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
- **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, school 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](http://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 112.

## Related courses

- **BSc Economics (page 57)**
- **BA International Communications Studies (page 66)**
BA Asian and International Studies

International studies is an interdisciplinary approach to understanding the world that provides students with an opportunity to explore the emergence of international or even global society, the emergence of new identities and politics, and the emergence of culture as a major factor of international life. While recognizing global diversity, international studies with an Asian focus allows students to draw connections between the increasing globalization of life and how these work out in an Asian context, including work, business, cultural transactions and politics. Core topics include: globalization, the nature of development in different regions, identity politics, gender, comparative politics, and mobility.

In your first year of study you will focus on modern Asian history, approaches to understanding international relations, and take introductory modules on politics and culture. In your second year of study modules cover the international relations of the Asia Pacific, global media and Southeast Asia. In your final year you focus on studies of nationalism, international organizations and have the option of taking a study tour. Teaching will be by a combination of lectures, role-plays, field trips, problem solving exercises and presentations.

Year 1

Typical core modules
- Approaches to Global Politics
- Cultures of Everyday Life
- Introduction to Cultural Studies
- Power and Contest: Living in a political world
- The Making of Modern Asia

Typical optional modules
- Asian language options: Mandarin, Japanese of Korean
- Approaches to Film and Television
- Contemporary Economic Policy
- Economy and Society
- People and Organisations

Year 2

Typical core modules
- Cultural Politics
- Global Media and Communication
- International Relations of the Asia Pacific
- Introduction to Citizenship

Typical optional modules
- Asian Economic Development
- Asian language options: Mandarin, Japanese or Korean
- Cross Cultural Psychology
- Film and Television in Social and Cultural Context
- Global Political Economy and International Development
- Southeast Asia and the Global Economy
- Understanding the Malay World

Typical optional modules
- Approaches to Global Politics
- International Law and Organisations
- Introduction to European Union Politics
- Power and Contest: Living in a Political World

BA International Relations

International relations studies the complex relations between states and international organisations in areas such as economics, law, politics and security. Core questions include: what is security, what causes conflict, what is power and how is it exercised and justified? It also investigates deeper questions relating to how we understand and conceptualise contemporary global transformations. Our programme offers a balance between theory and practice. You will gain a broad understanding of the key theories and concepts associated with international relations as well as gaining practical experience of the policy process. Instrumental in this is our flagship module, Policy and Persuasion, which will prepare you to participate actively in many fields of work, including politics, advocacy and business.

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 core modules
- Asian Country Study
- International Organization
- Nationalism and the State
- Regionalism in Southeast Asia

Typical optional modules
- Asian Business Environment
- Dissertation
- Human Resource Management 1 and 2
- Managing in Asia
- Media and Conflict
- Writing for the Media

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

Typical core modules
- International Relations of the Asia Pacific
- Understanding the Malay World

Typical optional modules
- Cultural Politics
- International Relations of the Asia Pacific
- Understanding the Malay World

BA Politics and Economics

Politics is the study of power and institutions that have emerged in different societies. Economics is the study of how individuals, firms and governments make choices about using and developing resources. Combined in a course of study, politics and economics enables you to consider the varied interactions of these two domains, how they impact on human life and to consider appropriate conditions for optimal realisation of human wellbeing.

Year 1

Typical core modules
- Introduction to Macroeconomics
- Introduction to Microeconomics
- Power and Conflict: Living in a Political World
- Quantitative Economics 1 and 2

Typical optional modules
- Approaches to Global Politics
- Introduction to European Union Economics and Strategy
- The Making of Modern Asia

Year 2

Typical core modules
- Macroeconomic Theory
- Microeconomic Theory

Typical optional modules
- The Contemporary World Since 1945
- Development Economics
- Environmental and Resource Economics
- Experimental and Behavioural Economics
- Global Political Economy and International Development
- International Relations of the Asia Pacific
- International Security
- International Trade
- Public Sector Economics

Year 3

Typical core modules
- Dissertation: Politics, History and International Relations (for non-language students)

Typical optional modules
- Advanced French/German/Japanese/Korean/Mandarin/Spanish
- Asian Country Study: Thailand
- Asian Study Tour: Thailand
- Food, Hunger and Development
- Nationalism and the State: Themes and Perspectives from Contemporary Southeast Asia
- Policy and Persuasion
- The Politics and Economics of European Monetary Integration
- Politics and International Relations of the Middle East
- Regionalism in World Politics: The Case of ASEAN

*International relations with a language students only.
Watch our videos to find out more about our engineering programmes.

www.nottingham.edu.my/go/watch-ug-engineering

Electrical and electronic engineering student, Ng Ern Yik, working on a software control board.
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.

Chemical and Environmental Engineering

Professional accreditation

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

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.

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 benefiting 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.

Chemical and Environmental Engineering

Duration Intake Malaysian fees International fees

<table>
<thead>
<tr>
<th>Chemical and Environmental Engineering</th>
<th>3 years full-time</th>
<th>September</th>
<th>RM45,700 per year</th>
<th>RM50,070 per year</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEng Chemical Engineering</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KPT/JPS/F2-K261/062/A1047093/16</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEng Chemical Engineering</td>
<td>4 years full-time</td>
<td>September</td>
<td>RM45,700 per year</td>
<td>RM50,070 per year</td>
</tr>
<tr>
<td>KPT/JPS/F2-K263/064/A1047223/16</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Entry requirements

A level: ABB, including mathematics and either chemistry or physics, excluding general studies

IB Diploma: 32 points, including 5 points in mathematics (Higher Level) and 5 points in either chemistry or physics (Higher Level)

STPM: A8+B+, including mathematics and either chemistry or physics, excluding Pengajian Am

UCEC: 5 As including chemistry, mathematics and physics, and grade B in 2 further academic subjects, excluding Chinese language

SAM or other Australian matriculations: ATAR 90 including chemistry, mathematics and physics

Canadian (CIMP/ICPU): 90% average based on 6 subjects, including mathematics and science subjects (consideration to be made based on relevant subjects)

The University of Nottingham Malaysia Campus Foundation: Successful completion of the Foundation in Engineering programme

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 112.

Related courses

BSc Biomedical Sciences (page 93)
BSc Environmental Science (page 96)
BSc Pharmaceutical and Health Sciences (page 107)
MPharm Pharmacy (page 107)
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 the UK.

• 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 are needed all over the world in construction, process synthesis and 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.
Civil Engineering
www.nottingham.edu.my/engineering/civil

<table>
<thead>
<tr>
<th>BEng Civil Engineering</th>
<th>Duration</th>
<th>Intake</th>
<th>Malaysian fees</th>
<th>International fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEng Civil Engineering</td>
<td>3 years full-time</td>
<td>September</td>
<td>RM45,700 per year</td>
<td>RM50,070 per year</td>
</tr>
<tr>
<td>MEng Civil Engineering</td>
<td>4 years full-time</td>
<td>September</td>
<td>RM45,700 per year</td>
<td>RM50,070 per year</td>
</tr>
</tbody>
</table>

Entry requirements

<table>
<thead>
<tr>
<th>A level</th>
<th>BBB, including mathematics and physics, excluding general studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>IB Diploma</td>
<td>30 points, including 5 points in mathematics (Higher Level) and 5 points in physics (Higher Level)</td>
</tr>
<tr>
<td>STPM</td>
<td>B+B+B+, including mathematics and physics, excluding Pengajian Am</td>
</tr>
<tr>
<td>UEC</td>
<td>5 As including chemistry, mathematics and physics, and grade B in 2 further academic subjects, excluding Chinese language</td>
</tr>
<tr>
<td>SAM or other Australian matriculations</td>
<td>ATAR 86 including chemistry, mathematics and physics</td>
</tr>
<tr>
<td>Canadian matriculations</td>
<td>88% average based on 6 subjects, including mathematics and science subjects (consideration to be made based on relevant subjects)</td>
</tr>
<tr>
<td>The University of Nottingham Malaysia Campus Foundation</td>
<td>Successful completion of the Foundation in Engineering programme</td>
</tr>
</tbody>
</table>

English language requirements

| 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 O Level: grade C |
| IGCSE (first language): grade C |
| IGCSE (second language): grade B |
| 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, school 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 112.

Civil Engineering
www.nottingham.edu.my/engineering/civil

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
- Geotechnics
- Hydraulics
- Industry and Profession
- Materials
- Mathematics
- Structural Mechanics
- Surveying
- Surveying Field Course

Year 2

Typical core modules
- Construction Management
- Geotechnics
- Hydraulics
- Materials
- Steel Design Project
- Structures
- Surveying
- Transportation

Year 3

Typical core modules
- Construction Management
- Geotechnics
- Group Design Project (BEng only)
- Hydraulics
- Industrial Training (MEng only)
- Investigative Project (BEng only)
- Materials
- Reinforced Concrete Design

Typical optional modules
- Environmental Geotechnology
- Foundation and Earthworks
- Management
- Pavement Engineering
- Railway Engineering
- Steel Structures
- Sustainable Construction

Year 4 (MEng only)

Typical core modules
- Group Design Project
- Investigative Project

Typical optional modules
- Advanced Concrete Structures
- Advanced Pavement Materials
- Advanced Properties of Concrete
- Coastal Engineering
- Construction Planning and Processes
- Critical State Soil Mechanics
- Earthquake Engineering
- Finite Element Analysis
- Geology
- Sedimentation and Erosion Engineering
- Traffic Engineering
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.

• We have links with a range of companies which provide exciting opportunities for industrial collaboration. These include: Dyson, Intel, MIMOS Berhad, Motorola Solutions Malaysia, Rohde & Schwarz, Significant Technologies, and Telekom 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 and breadth of skills that allow for adaptation and improvisation in the fast-changing world of technology.

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 9924 8000  
w: www.nottingham.edu.my/make-an-enquiry  
w: www.nottingham.edu.my/engineering/electrical
### 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
- Electronics Engineering
- Numerical Methods and Contextual Electrical and Electronic Engineering Mathematics
- 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 Ordinary Differential Equations for Engineers
- Industrial Awareness*
- Mathematics for Engineering Management
- 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**
- Computer Hardware Design
- Digital Signal Processing for Telecommunications, Multimedia and Instrumentation*
- Advanced Mathematical Techniques in Ordinary Differential Equations for Engineers
- Advanced Dynamics of Machines
- 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 Solids 2
- Mechanics of Solids 3
- Rapid Product Development
- Risk and Reliability
- Thermodynamics 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 Solids 2
- Mechanics of Solids 3
- Rapid Product Development
- Risk and Reliability
- Thermodynamics and Fluid Mechanics 2
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.

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.

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.

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.

Entry requirements

<table>
<thead>
<tr>
<th>Programme</th>
<th>Duration</th>
<th>Intake</th>
<th>Malaysian fees</th>
<th>International fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEng Mechanical Engineering</td>
<td>3 years f/t</td>
<td>September</td>
<td>RM45,700 per year</td>
<td>RM50,070 per year</td>
</tr>
<tr>
<td>MEng Mechanical Engineering</td>
<td>4 years f/t</td>
<td>September</td>
<td>RM45,700 per year</td>
<td>RM50,070 per year</td>
</tr>
</tbody>
</table>

English language requirements

- A level: ABB, including mathematics and physics, excluding general studies
- IB Diploma: 32 points, including 5 points in mathematics (Higher Level) and 5 points in physics (Higher Level)
- SPM: grade B+
- UEC: grade B3
- IB English A1 or A2 (Standard or Higher Level): 4 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 112.

Find out more

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

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
- Electromechanical Devices
- 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

Typical optional modules
- 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.
Watch our videos to find out more about our science programmes.

www.nottingham.edu.my/go/watch-ug-science

Science

Biomedical Sciences  91
Biosciences 94
Computer Science 99
Pharmacy 104
Psychology 108

Students working in the Biotechnology Research Centre.
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 in 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 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 transferable to the medical programme.

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.

Entry requirements

<table>
<thead>
<tr>
<th>Entry requirements</th>
<th>English language requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A level BBB, including biology and chemistry, excluding general studies and thinking skills</td>
<td>IELTS: 6.5 (no element below 6.0)</td>
</tr>
<tr>
<td>IB Diploma 30 points with 5,5,5 at Higher Level including biology, chemistry and another relevant subject</td>
<td>TOEFL IBT: 88 (no element below 19)</td>
</tr>
<tr>
<td>STPM B+B+B including biology and chemistry, excluding Pengajian Am</td>
<td>PTE (Academic): 62 (minimum 55)</td>
</tr>
<tr>
<td>UEC 5 As including biology and chemistry, excluding Chinese language</td>
<td>SPM: grade A-</td>
</tr>
<tr>
<td>UEC 1119 (GCE O Level): grade B</td>
<td>GCSE O Level: grade C</td>
</tr>
<tr>
<td>UEC 1119 (GCE O Level): grade B</td>
<td>IGCSE (first language): grade C</td>
</tr>
<tr>
<td>UEC 1119 (GCE O Level): grade B</td>
<td>IGCSE (second language): grade B</td>
</tr>
<tr>
<td>Australian matriculations</td>
<td>UEC: grade A2</td>
</tr>
<tr>
<td>ATAR 86 including biology and chemistry</td>
<td>The University of Nottingham Malaysia Campus Foundation</td>
</tr>
<tr>
<td>Canadian (CIMP/ICPU) 88% average based on 6 subjects including biology and chemistry</td>
<td>Successful completion of the Foundation in Science programme, including all modules related to biology and chemistry</td>
</tr>
<tr>
<td>Chinese language</td>
<td>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</td>
</tr>
<tr>
<td>English language requirements</td>
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<td>IELTS: 6.5 (no element below 6.0)</td>
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<td>SPM: grade A-</td>
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<tr>
<td>UEC: grade A2</td>
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</tr>
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</tbody>
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All entry requirements, fees, school 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 112.

Related courses

BEng/MEng Chemical Engineering (page 77)
BEng/MEng Chemical and Environmental Engineering (page 77)
BSc Pharmaceutical and Health Sciences (page 107)
MPharm Pharmacy (page 107)
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 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**

- Biomedical Skills
- Genes and Cells 1 and 2
- 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**

- Approaches to Biomedical Research
- Autonomic Neurophysiology and Neuropharmacology
- Basic Molecular Pharmacology
- 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
- Applied Bioethics
- Biochemistry of Diseases
- Concepts of Pharmacogenetics
- Molecular Pharmacology
- Research Project

### 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 the UK.

- 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.

Biotecnologists 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 economics. 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.

Find out more

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

**Biosciences**

**Study with us because:**

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Biotecnologists 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 economics. 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 ejournals 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 phytotherapy.
Biosciences
www.nottingham.edu.my/biosciences

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
<th>Intake</th>
<th>Malaysian fees</th>
<th>International fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc Biotechnology</td>
<td>3 years full-time</td>
<td>September</td>
<td>RM43,520 per year</td>
<td>RM47,690 per year</td>
</tr>
<tr>
<td>BSc Environmental Science</td>
<td>3 years full-time</td>
<td>September</td>
<td>RM37,560 per year</td>
<td>RM41,740 per year</td>
</tr>
<tr>
<td>BSc Nutrition</td>
<td>3 years full-time</td>
<td>September</td>
<td>RM40,240 per year</td>
<td>RM42,530 per year</td>
</tr>
<tr>
<td>BSc Plant Biotechnology</td>
<td>3 years full-time</td>
<td>September</td>
<td>RM43,520 per year</td>
<td>RM47,690 per year</td>
</tr>
</tbody>
</table>

**Entry 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 5,5,4 at Higher Level (including specified grades in science subjects)
  - PTE (Academic): 55 (minimum 51)
  - SPM: grade B+
  - 1119 (GCE O Level): grade C
  - GCSE O Level: grade C
  - IGCSE (first language): grade C
- **STPM**
  - B+B+B or grade points of 3.33 in at least 2 science subjects and 3.00 in one other science subject
  - UEC: grade B3
- **UCE**
  - 4 As, including biology and chemistry, excluding Chinese language
  - IGCSE (second language): grade B
- **SAM or other Australian matriculations**
  - ATAR 82 (consideration to be made based on relevant subjects)
  - IGCSE (second language): grade B
  - UEC: grade B3
- **Canadian (CIMP/ICPU)**
  - 86% average based on 6 subjects (consideration to be made based on relevant subjects)
  - 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
- **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 (Higher Level): 4 points
  - 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 Engineering (page 77)
- BEng/MEng Chemical Engineering with Environmental Engineering (page 77)

All entry requirements, fees, school 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 112.

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
- Biochemistry: The Building Blocks of Life
- Experimental Design, Data Analysis and Presentation
- Genes and Cells
- Introduction to Animal Physiology
- Microbes and You
- Microbial Physiology
- Plant Science
- The Biosciences and Global Food Security
- Techniques in Biotechnology

**Year 2**

**Typical core modules**

- Biochemistry of Mammalian Development
- Molecular Biology of the Cell
- Molecular Pharmacology: Assessing the Impact of Genetically Modified Organisms (GMOS)
- Molecular Techniques in Biosciences
- Plant Biotechnology

**Typical optional modules**

- Communicating Science
- Food Safety
- Endocrinology and Metabolism
- Introductory Plant Pathology
- Microbial Biotechnology: Genes to Products
- Plant Responses to Environmental Stress
- Postharvest Physiology and Technology of Fruits and Vegetables
- Practical Methods in Microbiology
- Principles and Analysis of Gene Function
- Principles of Immunology

**Year 3**

**Typical core modules**

- Undergraduate Research Project

**Typical optional modules**

- Dissertations in Environmental Science
- Ecology of Natural and Managed Ecosystems
- Environmental Science and Society
- Experimental Design, Data Analysis and Presentation
- Global Environmental Processes
- Introductory Geology
- Introduction to Geographic Information Systems (GIS)
- Plant Science
- Tourism and the Environment

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 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 practicals and field courses. Topics covered include key environmental principles such as agricultural ecology, atmospheric sciences, biogeochemistry, climate change science, conservation biology, ecology, environmental modelling, geospatial mapping and technologies, and sustainable development. 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 both to Southeast Asia and global environments.

**Year 1**

**Typical core modules**

- 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 Chemical and Environmental Engineering.

**Year 2**

**Typical core modules**

- Introductory Plant Pathology
- Microbial Biotechnology: Genes to Products
- Plant Responses to Environmental Stress
- Postharvest Physiology and Technology of Fruits and Vegetables
- Practical Methods in Microbiology
- Principles and Analysis of Gene Function
- Principles of Immunology

**Year 3**

**Typical core modules**

- Undergraduate Research Project

**Typical optional modules**

- Dissertation in Environmental Science
- Ecology of Natural and Managed Ecosystems
- Environmental Science and Society
- Experimental Design, Data Analysis and Presentation
- Global Environmental Processes
- Introductory Geology
- Introduction to Geographic Information Systems (GIS)
- Plant Science
- Tourism and the Environment
Biosciences
www.nottingham.edu.my/biosciences

Year 1

Typical core modules
- Academic Development and Employability
- Biochemistry: the Building Blocks of Life
- Experimental Design, Data Analysis and Presentation
- Food Materials and Ingredients
- Genes and Cells 1
- Introduction to Animal Physiology
- Introduction to Nutrition
- Microbial Physiology
- The Biosciences and Global Food Security

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

Year 3

Typical core modules
- International Nutrition
- Molecular Nutrition
- Nutrition and Health of Populations
- Undergraduate Research Project

Typical optional modules
- Applied Bioethics: Sustainable Food Production, Biotechnology and Environment
- Contaminant Fate and Impact in the Environment
- Environmental Microbiology
- Environmental Modelling
- Introduction to Tropical Conservation Science
- Plant Disease Control
- Plants and the Light Environment
- Plant Microbe Interactions
- Remote Sensing of the Environment
- Soil and Water Resource Management
- Water Resource Management

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.

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 2

Typical core modules
- Animal Development and Employability
- Biochemistry: The Building Blocks of Life
- Ecology of Natural and Managed Ecosystems
- Experimental Design, Data Analysis and Presentation
- Genes and Cells
- Microbial Physiology
- Plant Science
- Techniques in Biotechnology
- The Biosciences and Global Food Security

Year 3

Typical core modules
- Undergraduate Research Project

Typical optional modules
- Applied Bioethics: Sustainable Food Production, Biotechnology and Environment
- Basic Introduction to Omic Technologies
- Contaminant Fate and Impact in the Environment
- Current Issues in Biotechnology
- Environmental Microbiology
- Fundamental and Applied Aspects of Plant Genetic Manipulation
- Introduction to Tropical Conservation Science
- Molecular Plant Pathology
- Plant Cell Signalling
- Plant Disease Control
- Plant Microbe Interactions
- Plants and the Light Environment
- Sex, Flowers and Biotechnology
- Soil and Water Pollution and Reclamation

Year 1

Typical core modules
- Academic Development and Employability
- Biochemistry: the Building Blocks of Life
- Experimental Design, Data Analysis and Presentation
- Food Materials and Ingredients
- Genes and Cells 1
- Introduction to Animal Physiology
- Introduction to Nutrition
- Microbial Physiology
- The Biosciences and Global Food Security

Year 2

Typical core modules
- Academic Development and Employability
- Biochemistry: The Building Blocks of Life
- Experimental Design, Data Analysis and Presentation
- Food Materials and Ingredients
- Genes and Cells 1
- Introduction to Animal Physiology
- Introduction to Nutrition
- Microbial Physiology
- The Biosciences and Global Food Security

Year 3

Typical core modules
- International Nutrition
- Molecular Nutrition
- Nutrition and Health of Populations
- Undergraduate Research Project

Typical optional modules
- Applied Bioethics: Sustainable Food Production, Biotechnology and Environment
- Biotechnology in Animal Physiology
- Health Promotion
- Nutrition in the Community
Computer Science

www.nottingham.edu.my/computerscience

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.

Professional accreditation

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 our degrees 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.

How will I study?

The school provides high quality teaching and a well-equipped and supportive learning environment. Hands-on programming sessions, computer-aided learning tools, web-based teaching materials and small-group tutorials support traditional lecture courses. Project work, both individual and in groups, is a key feature of all our courses.

The modules on our programmes place emphasis on how computers work and how they may be used to solve real-world problems. If you study for the BSc Computer Science with Artificial Intelligence (AI) you will be required to spend your final year in the UK where you will study advanced AI techniques with specialist staff.

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

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Computer Science
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
- Computer Fundamentals
- Database Systems
- Fundamentals of Artificial Intelligence
- Mathematics for Computer Science
- Programming and Algorithms
- Programming Paradigms
- Software Engineering
- Systems and Architecture

Typical optional modules
- C++ Programming
- Graphical User Interfaces
- Human Computer Interaction
- Introduction to Formal Reasoning
- Machine Learning
- New Media Design
- Operations Research and Modelling
- Simulation for Decision Support
- Software Quality Management

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 2
Typical core modules
- Algorithms and Data Structures
- Application Programming
- Computer Communications and Networks
- Machines and their Languages
- Operating Systems and Concurrency
- Software Engineering Group Project
- Software Engineering Methodologies

Typical optional modules
- Algorithms and Data Structures
- Application Programming
- Computer Communications and Networks
- Machines and their Languages
- Operating Systems and Concurrency
- Software Engineering Group Project
- Software Engineering Methodologies

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 3
Typical core modules
- Algorithms and Data Structure
- Application Programming
- Operating Systems and Concurrency
- Planning, Search and Artificial Intelligence Programming
- Software Engineering Group Project
- Software Engineering Methodologies

Typical optional modules
- Advanced Computer Communications
- Autonomous Robotic Systems
- Compilers
- Computer Graphics
- Computer Security
- Computer Vision
- Machine Learning
- New Media Design
- Operations Research and Modelling
- Simulation for Decision Support

Year 2
Typical core 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
- Operating Systems and Concurrency
- Software Engineering Group Project
- Software Engineering Methodologies

Typical optional modules
- Algorithms and Data Structures
- Application Programming
- Computer Communications and Networks
- Graphical User Interfaces
- Introduction to Formal Reasoning
- Introduction to Image Processing
- Machines and their Languages
- Operating Systems and Concurrency
- Planning, Search and Artificial Intelligence Programming

Year 3
Typical core modules
- Algorithms and Data Structures
- Application Programming
- Operating Systems and Concurrency
- Planning, Search and Artificial Intelligence Programming
- Software Engineering Group Project
- Software Engineering Methodologies

Typical optional modules
- Advanced Computer Communications
- Autonomous Robotic Systems
- Compilers
- Computer Graphics
- Computer Security
- Computer Vision
- Machine Learning
- New Media Design
- Operations Research and Modelling
- Simulation for Decision Support
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
- Consumers and Markets
- Computer Fundamentals
- Database Systems
- Entrepreneurship and Business
- New Venture Creation
- Organisation Behaviour
- Programming and Algorithms
- Software Engineering
- Work and Society

Year 2

Typical core modules

- Algorithms and Data Structures
- Business Economics B
- Economics of Business Decisions
- Software Engineering Group Project
- Software Engineering Methodologies

Typical optional modules

- Accounting Information Systems
- C++ Programming
- Computer Communications and Networks
- Fundamentals of Artificial Intelligence
- Human Computer Interaction
- Marketing Management

Year 3

Typical core modules

- Human Resource Management 1 and 2
- Individual Dissertation
- Strategic Management 1 and 2

Typical optional modules

- Business Ethics
- Computers in the World
- Computer Security
- Consumer Behaviour
- Graphical User Interfaces
- International Business
- International Business Environment
- Introduction to Image Processing
- New Media Design
- Software Quality Management

Study with us because:

- Nottingham was the top school of pharmacy in the UK in the most recent Research Assessment Exercise.
- The UK School of Pharmacy has been ranked the 1st English school of pharmacy in The Complete University Guide for the last five years.
- Our research-active staff are drawn from Nottingham’s UK Campus as well as research institutions and governmental organisations across the globe.
- Our students can take advantage of one of the many vacation work experience placements that the school secures each year.

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, clinical and pharmacy practice, chemistry, pharmaceutics professionalism and leadership and pharmacology and therapeutics. 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 transferrable 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 University of Nottingham, UK, deliver lectures, workshops and practical classes.
### Pharmacy

**Pharmacy**

**www.nottingham.edu.my/pharmacy**

<table>
<thead>
<tr>
<th>Pharmacy</th>
<th>Duration</th>
<th>Intake</th>
<th>Malaysian fees</th>
<th>International fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single honours</td>
<td></td>
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</tr>
<tr>
<td>BSc Pharmaceutical and Health Sciences (UNMC/BNM) 18/15</td>
<td>3 years full-time</td>
<td>September</td>
<td>RM43,520 per year</td>
<td>RM47,690 per year</td>
</tr>
<tr>
<td>MPHarm Pharmacy (KPT/JPS) 23203/15</td>
<td>4 years full-time (2 years in Malaysia and 2 years in the UK)</td>
<td>September</td>
<td>M: RM48,250 per year for years 1 and 2 GBP £18,210 per year for years 3 and 4</td>
<td>RM52,520 per year for years 1 and 2 GBP £18,210 per year for years 3 and 4</td>
</tr>
</tbody>
</table>

**Entry requirements**

**BSc Pharmaceutical and Health Sciences**

- **A level**: BBB, with grade B in chemistry and 2 other science subjects, such as biology, physics or mathematics
- **IB Diploma**: 30 points with 5,5,5 at Higher Level including chemistry and 5 points in mathematics at Standard Level
- **STPM**: B+B+B+ in chemistry and 2 other science subjects or mathematics
- **UCEC**: 5 As, including biology, chemistry, mathematics or physics, excluding Chinese language
- **SAM or other Australian matriculations**: ATAR 86 including chemistry, mathematics and physics
- **Canadian (CIMP/ICPU)**: 88% average based on 6 subjects including mathematics and science subjects
- **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

**English language requirements**

- **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 O Level**: grade C
- **IGCSE (first language)**: grade C
- **IGCSE (second language)**: grade B
- **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

**Entry requirements (continued)**

**MPharm Pharmacy**

- **A level**: AAB in biology and chemistry, excluding general studies and thinking skills
- **IB Diploma**: 34 points with 6,6,5 at Higher Level including biology and chemistry, plus 3 other subjects at Standard Level (mathematics with further mathematics counts as 1 Higher Level and 1 Standard Level)
- **STPM**: AAB+ in biology and chemistry, excluding Pengajian Am
- **UEC**: 5 As, including biology, chemistry and mathematics and grade B3 in 3 other academic subjects, excluding Chinese language
- **SAM or other Australian matriculations**: ATAR 92, including biology, chemistry and mathematics
- **Canadian (CIMP/ICPU)**: 92% average based on 6 subjects with biology and chemistry above 85% (consideration to be made based on relevant subjects)
- **The University of Nottingham Malaysia Campus Foundation**: Average pass mark of 70% in the Foundation in Science programme, with a minimum of 65% in all chemistry modules. All progressing foundation candidates into MPharm are expected to fulfill the English language requirements
- **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, school 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](http://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 112.

**Related courses**

- BSc Biomedical Sciences (page 93)
- BEng/MEng Chemical Engineering (page 77)
- BEng/MEng Chemical and Environmental Engineering (page 77)
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
• Pharmaceutical Analysis and Spectroscopy
• Pharmaceutical Microbiology
• Pharmacodynamics
• Pharmacokinetics
• Pharmaceutical Analysis

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
• Pharmacodynamics
• Pharmacokinetics
• Pharmaceutical Analysis

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

Year 4

Typical core modules

• Entrepreneurship and Business
• Financial Accounting
• Introduction to Applied Psychology
• Managing the Marketing Mix
• Molecular Pharmacology

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 Compeencies 1

Year 2

Typical core modules

• Adrenal Glands and Endocrine 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 80 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
### Psychology

**www.nottingham.edu.my/psychology**

<table>
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<tr>
<th>Psychology</th>
<th>Duration</th>
<th>Intake</th>
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<th>International fees</th>
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<tr>
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<tr>
<td>BSc Psychology</td>
<td>3 years full-time</td>
<td>September</td>
<td>RM37,560 per year</td>
<td>RM41,740 per year</td>
</tr>
<tr>
<td>BSc Psychology and Cognitive Neuroscience</td>
<td>3 years full-time</td>
<td>September</td>
<td>RM37,560 per year</td>
<td>RM41,740 per year</td>
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**Entry requirements**

<table>
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<tr>
<th>Level</th>
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<tr>
<td>A level</td>
<td>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</td>
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<tr>
<td>IB Diploma</td>
<td>28 points with 5.5.4 at Higher Level, including 5 points in mathematics at Standard Level</td>
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<tr>
<td>STPM</td>
<td>B+B+B or grade points of 3.33 in at least 3 subjects, excluding Pengajian Am</td>
</tr>
<tr>
<td>UEC</td>
<td>4 As excluding Chinese language</td>
</tr>
<tr>
<td>SAM or other</td>
<td>ATAR 82 (consideration to be made based on relevant subjects)</td>
</tr>
<tr>
<td>Australian matriculations</td>
<td>IB English A1 or A2 (Standard or Higher Level): 4 points</td>
</tr>
<tr>
<td>Canadian (CIMP/ICPU)</td>
<td>UEC: grade A2</td>
</tr>
<tr>
<td>The University of Nottingham Malaysia Campus Foundation</td>
<td>IB English B (Higher Level): 4 points</td>
</tr>
<tr>
<td>SPM/GCSE/IGCSE</td>
<td>IB English B (Standard Level): 5 points</td>
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<td>MUEJ Band 5 may also be considered</td>
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**English language requirements**

- IELTS: 6.5 (no element below 6.0)
- TOEFL IBT: 88 (no element below 19)
- PTE (Academic): 62 (minimum 55)
- SPM: grade A-
- GCSE O Level: grade B
- GCSE O Level: grade C
- IGCE (first language): grade C
- IGCE (second language): grade B

**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 112.**

**Related courses**

BSc Applied Psychology and Management Studies (page 49)

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### BSc Psychology

**www.nottingham.edu.my/psychology**

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.

The BSc Psychology and BSc Psychology and Cognitive Neuroscience courses are identical in the first year to give you a good grounding in psychology. It is possible to change between the two degree courses at the end of first year. Both degree courses offer equally good career opportunities. The main difference between the two degrees is that psychology and cognitive neuroscience is more focused on biological processes, whereas the psychology course is pure psychology.

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 need to take 50 credits of cognitive neuroscience modules and the remaining credits can be any of the other modules on offer. 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.

**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

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### 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.

The BSc Psychology and BSc Psychology and Cognitive Neuroscience courses are identical in the first year to give you a good grounding in psychology. It is possible to change between the two degree courses at the end of first year. Both degree courses offer equally good career opportunities. The main difference between the two degrees is that psychology and cognitive neuroscience is more focused on biological processes, whereas the psychology course is pure psychology.

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 need to take 50 credits of cognitive neuroscience modules and the remaining credits can be any of the other modules on offer. 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.

**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

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### Typical core modules

- Cognitive Psychology
- 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

**Typical optional modules**

- Research Project
How to apply

You can apply online via our online application form. To create an application, you will need to register to create an account or log in if you have previously applied online. Visit our online application page at 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 application form. If you have any queries, please contact us.

t: +60 3 8924 8686
w: www.nottingham.edu.my/make-an-enquiry

Application Fee

The University charges an application fee of RM100 for Malaysian applicants and US$50 for international applicants for all courses. This fee applies to online and paper applications.

All applicants must complete and attach the application fee form as well as proof of payment. Find out more at www.nottingham.edu.my/applications.

Step 1

Apply online or complete the paper application form (details above).

Supporting documents needed

• One academic reference form
• Official SPM/GCSE, AS level results and predicted SPM/UEC/A level grades or equivalent
• English language qualifications (if applicable)
• 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. A confirmation email will be sent to applicants and agents once a decision has been made. Successful applicants will receive the following documentation via email (hard copies are not provided):
• Offer Letter
• Accept/Decline Form

• Offer pack (containing next steps, accommodation, student visa, Wellbeing and Learning Support Services information and payment of tuition fees information)

Step 4

Offer holders will be given a four-week deadline to return the Accept/Decline Form to the Admissions Office together with the tuition fee deposit of RM1,000 for Malaysian offer holders or US$1,000 for international offer holders. This amount shall be offset from the first semester’s tuition fee.

For further information on the offer acceptance and refund of the tuition fee deposit, you can visit our webpage at www.nottingham.edu.my/study/offer-acceptance.

Step 5

You will be able to apply for the on-campus accommodation and student visa after you have accepted your offer and paid the tuition fee deposit.

Step 6

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

International students

As an international student, we advise that you submit your application at least three months before your intake as your visa can take three months to process. If we receive your application after this date it will still be processed, but we cannot guarantee accommodation availability or that the visa processes will be completed in time for the last date of registration. Your application cannot be processed until all of the required forms and documents have been completed and sent in and you have paid the application fee.

For further information, please contact the International Office: e: international.enquiries@nottingham.edu.my

What are we looking for?

Consideration will be given to whether applicants will be able to fulfil the objectives of their programme of study and achieve the standards required. A range of factors additional to, and in some cases instead of, formal examination of results are considered in the selection process. These can include:

• the personal statement and reference
• additional evidence of achievement, motivation and potential gathered through an interview, assessment of written materials or additional selection tests
• other factors as appropriate to the discipline, such as employment or voluntary work in relevant fields and sustained critical engagement with relevant issues

Intakes

February:
• selected undergraduate programmes in Nottingham University Business School
• Preparatory English courses - Pre-sessional English programme

April:
• three-semester foundation programmes
• Preparatory English courses - Pre-sessional English programme

July:
• three-semester foundation programmes
• Preparatory English courses - Pre-sessional English programme

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.

Undergraduate student, Xia Shuang, reading in the library.
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.
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Phone: +44 (0)115 951 5559
Email: 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. You should check the University’s website for any updates before you decide to accept a place on a course.

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