



**University of  
Nottingham**

UK | CHINA | MALAYSIA



**Undergraduate prospectus 2019/20**  
University of Nottingham Malaysia



Realise it



Detect it



See it



Inspect it



Experience it



Perfect it



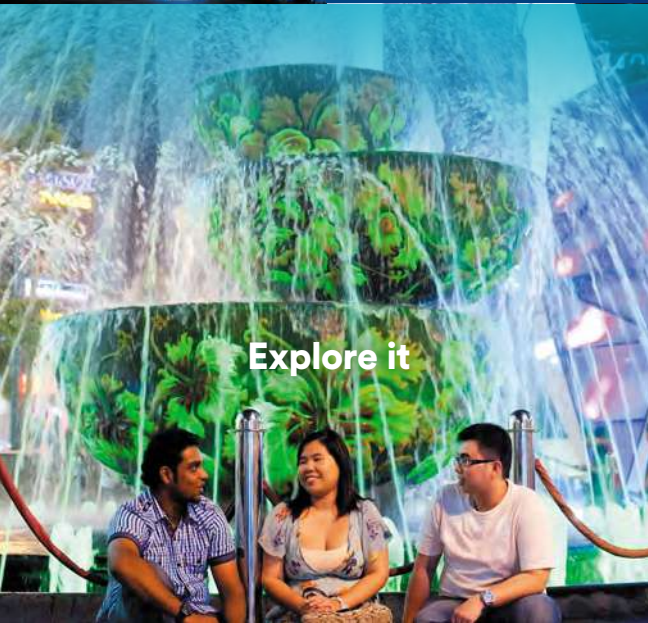
Prove it



Step into a world  
beyond limits



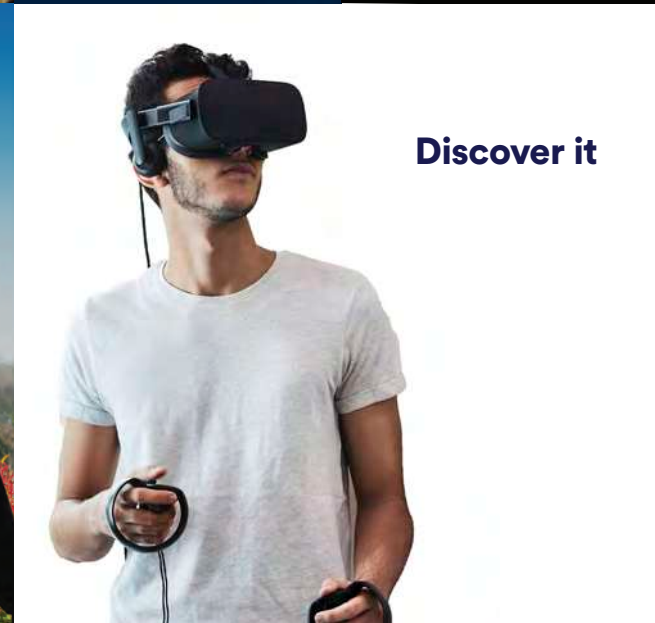
Create it



Explore it



Visualise it



Discover it



Share it

# Welcome to the world of Nottingham

## Access to a world-class UK education

Our programmes are honours degree and taught in English. All students graduate with the same degree and the same certificate, irrespective of which campus they study at. Our degrees are accredited by international professional bodies such as:

- Association of Chartered Certified Accountants (ACCA)
- Association of MBAs (AMBA)
- Chartered Institute of Management Accountants (CIMA)
- CPA Australia
- Engineering Council (EQUIS)
- European Quality Improvement System (EFMD)
- Finance Accreditation Agency (FAA)
- Institution of Occupational Safety and Health (IOSH)
- Royal Pharmaceutical Society in Great Britain (RPSGB)

## Worldwide study abroad opportunities

Wealth of opportunities at our campuses in UK, China and partner universities across the globe

**5** Star  
rating in  
SETARA 2017  
under the mature  
university categories

About  
**5,000**  
students from  
85 countries  
study at Malaysia  
Campus

Top  
**100**  
universities  
worldwide

QS World University Rankings 2019

**Top**  
in the UK  
for graduate  
employment

The Times and The Sunday Times  
Good University Guide 2017

Over  
**270,000**  
alumni from across  
the globe

Alumni from our UK, China and Malaysia Campus



**International  
and Sports**  
University  
of the year

The Times and The Sunday Times  
Good University Guide 2019

**Nobel prize-  
winning  
academics**

University of Nottingham  
academics have won Nobel  
Prizes twice since 2003

**Renowned for our commitment to teaching and learning, we are in the top 100 of universities internationally.\* Recognised globally for teaching excellence, acclaimed for our life-changing research and home to students from all over the world, 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 University of Nottingham the Queen's Award for Enterprise 2001 and the Queen's Award for Industry (International Trade) 2006.

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

\*QS World University Rankings 2019

**2**  
international  
campuses  
in China  
and the UK



it starts here  
Where it goes  
is up to you

# Contents

|                               |           |   |           |
|-------------------------------|-----------|---|-----------|
| Teaching and learning         | 7         | <b>Arts and Social Sciences</b>               | <b>47</b> |
| Research                      | 9         | Applied Psychology                            | 48        |
| Our campus                    | 11        | Business                                      | 51        |
| Student life                  | 13        | Economics                                     | 57        |
| Sporting opportunities        | 15        | Education                                     | 60        |
| Careers                       | 17        | English                                       | 63        |
| Our alumni                    | 19        | Media, Languages and Cultures                 | 66        |
| Services for students         | 21        | Politics, History and International Relations | 71        |
| Accommodation                 | 23        |   |           |
| International student support | 25        | <b>Engineering</b>                            | <b>77</b> |
| International campuses        | 27        | Chemical and Environmental Engineering        | 78        |
| Overseas opportunities        | 29        | Civil Engineering                             | 82        |
| Funding your studies          | 31        | Electrical and Electronic Engineering         | 86        |
| See for yourself              | 33        | Mathematical Sciences                         | 90        |
|                               |           | Mechanical, Materials and                     | 95        |
|                               |           | Manufacturing Engineering                     |           |
| <b>Foundation programmes</b>  | <b>35</b> |   |           |
| Arts and Education            | 42        | <b>Science</b>                                | <b>99</b> |
| Business and Management       | 42        | Biomedical Sciences                           | 100       |
| Engineering                   | 43        | Biosciences                                   | 103       |
| Science                       | 44        | Computer Science                              | 107       |
|                               |           | Environmental and Geographical Sciences       | 111       |
|                               |           | Pharmacy                                      | 114       |
|                               |           | Psychology                                    | 119       |
|                               |           |   |           |
|                               |           | How to apply                                  | 123       |
|                               |           | Where to find us                              | 125       |
|                               |           | Index   | 127       |

# Teaching excellence

Students are the heart of the University. Students learn in an academically stimulating environment, and are especially nurtured for personal development, which includes current entrepreneurial and leadership skills. These commitments and their achievement are recognised by the Teaching Excellence Framework (TEF) TEF Gold rating for outstanding teaching achieved in 2017 and SETARA 2017 5-star 'Excellent' for mature university category are just two of the most recent ratings received for the quality of teaching and learning at Nottingham.

The SETARA rating is further evidence of our strong commitment to the growth of the higher education sector in Malaysia, in providing access to students to earn an international degree with mobility opportunities across campuses in the UK and China. In addition, being part of two quality assurance jurisdictions (QAA\*, UK and MQA\*\*) this further strengthens our quality standing as we are independently evaluated by these agencies. The University is consistently among the highest ranking performers in independent teaching assessments.

## An internationally recognised UK degree

All degrees offered by University of Nottingham Malaysia are 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 University of Nottingham, irrespective of the campus at which you complete your programme, be it in the UK, China or Malaysia. You will receive a UK-style education and all our degree programmes, coursework materials, and assessments are in English.

## Academic excellence

All academic staff at the University of Nottingham Malaysia are selected based on their excellence in teaching and research. Diversity is our strength. Our highly qualified academic staff members are from the UK, Malaysia and various countries recruited based on open international competition. Besides their qualification in their respective

discipline, they are required to obtain Post Graduate Certificate in Higher Education. Apart from teaching, academic staff members are required to be active in research and publication and be involved in community and international engagement.

## Quality programmes

We offer a comprehensive and varied range of programmes, catering to students at all levels, through foundation, undergraduate and postgraduate to PhD. Our programmes span a range of disciplines and subjects across arts and social sciences, engineering and science. Our degrees are accredited by both the Malaysian and UK quality assurance agencies and by relevant national and international professional bodies such as the Association of MBAs, EQUIS, the UK Engineering Council, the General Pharmaceutical Council (UK), Board of Engineers Malaysia (BEM) and Pharmacy Board Malaysia (PBM).

Our undergraduate and postgraduate taught programmes provide a structured framework for study. They are based upon a programme of strategic and innovative delivery and assessment mechanisms and also traditional ones such as lectures, seminars and tutorials. Students will normally complete compulsory core modules and will have the opportunity to select from a number of optional modules.

These programmes 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 programmes 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 are structured with the opportunity to develop key transferable skills for employment.

## Envisioning the global workplace

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. Teaching and learning opportunities at Nottingham Malaysia are directly informed by cutting-edge research and technology.

Programme 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. The relatively small size of our student body with an average staff student ratio of 1:14, allows for a more intimate teaching and learning experience, with academics readily approachable to provide further one-on-one support where needed.

In addition, our personal tutorial system gives you access to an academic staff to assist you in any non-academic issues that you may face during your time at University.

 [nottingham.edu.my/teachingandlearning](https://nottingham.edu.my/teachingandlearning)

\* The Quality Assurance Agency (QAA) for Higher Education's independent review of teaching quality in the UK.

\*\*The Malaysian Qualifications Agency (MQA) for quality assurance practices and accreditation of national higher education in Malaysia.



# World-changing research

- 97% of Nottingham's research is recognised internationally and 80% is world-leading or internationally excellent\*
- Over 370 papers were published by academics in 2016\*
- Received over RM10 million in research funding in 2016
- We have a grant portfolio of over RM37 million in 2017
- We have 5 star rating for the Malaysian Research Assessment exercise (MyRA)

\* As submitted to MyRA 2016

## Accolades

Staff in Malaysia have been awarded a Top Research Scientists Malaysia award by the Academy of Sciences Malaysia, two Young Chemical Engineer in Research Awards by the Institution of Chemical Engineers, a JCI Ten Young Outstanding Malaysians award, and a L'Oreal-UNESCO Women in Science fellowship.

## 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 research 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.

We have established a number of Research Centres in Malaysia Campus and they include:

- Asia Aerospace City Research and Technology Centre (AARTC)
- Centre for Interdisciplinary Data Analytics (CIDA)
- Centre of Excellence for Green Technologies (CEGT)
- Research Centre in Environmental Sustainability (MINDSET)
- The Centre for Sustainable Palm Oil Research (CESPOR)

To see more of what's on offer, visit  
[nottingham.edu.my/research](http://nottingham.edu.my/research)



We have also identified 14 research groups to focus and assist our research teams. They include:

- Active Vision
- Advanced Materials
- Combustion and Fuels
- Drug Delivery
- Food and Pharmaceutical Engineering
- Food, Nutrition and Health
- Intelligent Systems
- Molecular Pharming and Bioproduction
- Nanotechnology and Advanced Materials
- Polymer Composites
- Renewable Energy
- Sahz nano- supercapacitor Pilot Plant
- Sustainable Process Integration (SPI)
- Urban climate and Pollution

We play a vital role in driving economic and social development through both the provision of education and through research, innovation and knowledge transfer.



# On campus

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

## A strong sense of community

University of Nottingham Malaysia 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 Semenyih in the state of Selangor, 30 kilometres 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, 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 Semenyih for Friday prayers. Buddhist, Christian and Hindu places of worship can be found in Semenyih 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 Students' Association Building, which has recently been extended and renovated, providing a wide choice of food for all tastes. The University has also invested money in creating social and learning hubs for students in the Student's Association Building and around campus. These are perfect places to relax and catch up with friends.

## Students' Association of UNM

As a student at the University, you are automatically a member of the Students' Association (SA), which focuses on student experience and also acts as the bridge between the student community and 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, clubs and societies executive positions, or use your talents to organise or participate in events and activities. Whatever you decide to do, there are ample opportunities available to help develop your skills while enhancing your CV.

## Freshers' Week

The SA aims to provide all new students with a fun-filled Freshers' Week experience. During Freshers' Week 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.

## Networks

Networks bring together students either to discuss issues of importance or to work together to organise events, campaigns or other forms of value-adding activities to our student community.

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 and resolve such matters.

Whilst playing a part in creating a green environment, the

Sustainability Network also focuses on activities that are charitable and promote equal opportunity as well as social justice.

The networks under the various executive officers are:

- **Education Network** – Education Officer
- **International Students' Bureau (ISB)** – International Students Officer
- **Marketing and Communications Network** – Vice President
- **Postgraduate Students Network (PGSN)** – Postgraduate Officer

- **Sports Network** – Sports Officer
- **Sustainability Network** – Sustainability Officer
- **Welfare Networks** –

Home Students Officer and International Students Officer who deal with:

- Accommodation
- Food
- Health
- Security
- Transport

Find out more about the Students' Association at [sanottingham.org](http://sanottingham.org)



# Student life

You will find our campus vibrant and welcoming with lots of events and activities of interest. The Students' Association provides many opportunities to enhance university life, and our facilities enable you to socialise and participate in activities.



## Student Council

The Student Council serves as a key component of our student community - it is the highest governing and policy setting body of the Students' Association (SA). Council consists of over 40 student representatives who serve in the interest of all students. Councillors serve at various levels across our vibrant student community under the positions of: Student Council Steering Committee, SA Executive Officers, Faculty and School representatives, Postgraduate representatives, Clubs and Societies representatives, hall tutors and 5 random voting members from the student body. Council's roles include the consideration of business affecting the student community, initiation and framing of SA by laws and the regulation of SA policy

## Clubs and Societies

The SA has over 75 clubs and societies covering a wide spectrum of interests:

- Academic
- Creative Arts
- Cultural
- Religious
- Special interests
- 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.

## Students' 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 the University until the day you graduate.

To see more of what sizzles at our University, visit [nottingham.edu.my/currentstudents](http://nottingham.edu.my/currentstudents)

Positions held by the Executive Committee include:

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

# Sporting opportunities

As well as an excellent academic reputation, Nottingham is well known for its sporting success according to The Times and The Sunday Times Good University Guide 2019 for Sports University of the year.

THE TIMES  
THE SUNDAY TIMES  
**GOOD  
UNIVERSITY  
GUIDE  
2019**  
SPORTS  
UNIVERSITY  
OF THE YEAR

Whether you're passionate about competing or just fancy something new, we've got it covered.

Find out about getting involved in sport at Nottingham:

 [nottingham.edu.my/sport](http://nottingham.edu.my/sport)

## Sports facilities

University of Nottingham Malaysia 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 for martial arts or table tennis.

Outdoor facilities include a five-a-side football and hockey pitch; a jogging track; a multipurpose field with football, rugby and cricket pitches; a mini archery range; a multipurpose outdoor court suitable for basketball, futsal, and volleyball; and two tennis courts.

We also have 25m outdoor swimming pool with mixed gender, male and female only session.



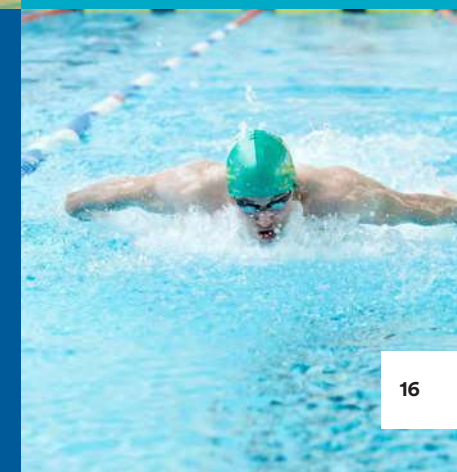
## ← Sports Clubs

The Students' Association (page 13) supports many sport 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 Students' Association sports clubs or come along and show your fellow students your support!







# Kick start your career

Our experts Careers Advisory Service offers ongoing support for planning your career throughout your time at university and beyond.



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. Find your future by:

- arranging company presentations, field trips, networking events, roadshows and on-campus interviews
- 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
- maintaining good relationships and excellent collaborations with potential employers for the benefit of students, employers and the University
- offering advice on matters such as CV and cover letter writing, interview and job hunting skills
- organising events such as careers fairs, careers talks and employability workshops to provide invaluable opportunities to meet potential employers
- providing access to dedicated online and printed careers information on relevant occupations, employers and further study through the Careers Resource Centre
- providing you the necessary knowledge to manage your career expectations and enhance your employability

 [careers@nottingham.edu.my](mailto:careers@nottingham.edu.my)  
 [UNMcareers](https://www.facebook.com/UNMcareers)  
 [blogs.nottingham.edu.my/careers](https://blogs.nottingham.edu.my/careers)  
 [nottingham.edu.my/careers](https://nottingham.edu.my/careers)

Research shows that Nottingham is one of the most targeted universities by Britain's leading graduate employers.\*

\* The Times and The Sunday Times Good University Guide 2017



## Set yourself apart

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.

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.

 [nottingham.edu.my/advantageaward](https://nottingham.edu.my/advantageaward)

# Our global community



As a graduate of University of Nottingham, you will join our global community of 270,000 alumni in includes pioneering scientists, international policymakers, leaders of national charities, newspaper editors, novelists, Olympic medalists and a Nobel Prize winner.

## Our alumni

Graduates of University of Nottingham automatically become members of our extensive global alumni community through extensive services:

- alumni reunions
- lifelong access to the Careers Advisory Service
- masterclasses
- mentoring programmes
- recognition through Alumni Laureate Awards
- social networking events

 [nottingham.edu.my/alumni](https://nottingham.edu.my/alumni)

## Alumni Online

Join our online alumni community to find and stay in touch with friends, enquire about the latest exclusive alumni events, gain access to social networking sites, subscribe to newsletters and access the Alumni Exchange Magazine.

 [alumni.nottingham.ac.uk/netcommunity](https://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 Deng Yaping** – China's Sporting Star of the century
- **DH Lawrence** – author
- **Dr Stewart Adams OBE** – pharmacologist and creator of the painkiller ibuprofen
- **DYMM Tuanku Zara Salim** - Raja Permaisuri Perak (equivalent to the Queen of Perak)
- **John Rishton** – former CEO, Rolls-Royce
- **Judith McHale** – former Under-Secretary of State in the US Obama Administration
- **Sir Andrew Witty** – CEO GlaxoSmithKline and former Chancellor of The University of Nottingham
- **Sir Clive Granger** – economist and Nobel Prize Winner
- **Sir John Sawers** – Chief of the Secret Intelligence Service MI6, UK
- **The late DYMM Sultan Azlan Muhibbuddin Shah Ibni Almarhum Sultan Yussuf Izzuddin Shah Ghafarullah-lah** – Sultan of Perak, Malaysia
- **The late DYMM Tuanku Ja'afar Ibni Almarhum Tuanku Abdul Rahman** – Former King of Malaysia and Yang Di-Pertuan Besar of Negeri Sembilan
- **YAM Tunku Tan Sri Imran ibni Almarhum Tuanku Ja'afar** – son of the 10th Yang di-Pertuan Agong (King) of Malaysia from 26 April 1994 until 25 April 1999
- **YM Tengku Tan Sri Dato' Seri Ahmad Rithauddeen Bin Tengku Ismail** – Former Minister of Foreign Affairs Malaysia, Minister of Trade and Industry and Deputy Minister of Defence, and Chairman of The University of Nottingham in Malaysia Sdn. Bhd


# Your support network



## Academic and practical support

### Library resources

The library has a comprehensive collection of books to meet the taught programmes offered by the University. The library also has a wide spectrum of electronic and information resources, including subject-based reference enquiry, internet subject gateway and subject focused academic support services. Electronic resources can be accessed anywhere via internet.

 [nottingham.edu.my/thelibrary](http://nottingham.edu.my/thelibrary)

### Student Service Centres

The Student Services Centre located in the Students' Association building helps you with accommodation, campus services, finance, sponsorship, support services, registry, and visa queries. For faculty matters you will need to visit your faculty office.

### 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 programme information.

 [nottingham.edu.my/studentregistry](http://nottingham.edu.my/studentregistry)

### Academic and personal tutoring system

At the start of each semester you will meet your personal tutor and may turn to them for advice for related matters.

### English language support

The Centre for English Language Education provides English language support for all students who need it through our free in-session classes.

 [nottingham.edu.my/celfe](http://nottingham.edu.my/celfe)

### 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.

 [nottingham.edu.my/IT-Services](http://nottingham.edu.my/IT-Services)



## Health and wellbeing

### University Health Centre

We offer healthcare, a pharmacy, GPs, physiotherapy laboratory tests and referrals to hospitals.

 [nottingham.edu.my/healthcentre](http://nottingham.edu.my/healthcentre)

### Counselling and mental health

Our free and confidential counselling service provides emotional support, self-help resources and individual counselling consultation where appropriate.

### Academic and Disability Support



We can help with personal and academic issues affecting your studies, including advice on writing techniques, managing your time, exam preparation, dyslexia support and support for other specific learning differences, as well as arranging support and access for disabled students

 [nottingham.edu.my/wellbeing](http://nottingham.edu.my/wellbeing)

### Faith provision

Prayer rooms are available 24 hours for Muslim students on the ground floor of the Computer Centre and Islamic Centre. The nearest mosque is in Semenyih and a free bus service is provided for Muslim students for Friday prayers. Buddhist, Christian and Hindu places of worship are located in Semenyih and our facilities are also available to support and host these activities.

# Your perfect home

Finding the right place to live while you study is an important consideration in your choice of university. Our Accommodation Office offers 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 room types within our 11 Halls of Residence with a total of 2,400 beds to suit your budget. The rooms range from single ensuite, twin share to four shared bedrooms. All the halls are within easy walking distance to the academic buildings, sports facilities, food, retail and leisure facilities. Each hall offers fully furnished bedrooms and a Hall Warden or Hall Tutor who will be available to care for your safety and welfare.

### Facilities include:

- cleaning services
- communal student area (student village south J1-I5)
- communal student hub\*
- convenience store\*
- laundry services
- mini fridge in each room\*
- outdoor gym (student village north and south)
- pantry facilities
- room repair and maintenance services
- wireless internet connection

\*only available in student village north J1-J6

Accommodation fees include utilities and internet connection. The room rental will be billed on a quarterly basis and students in rooms with air-conditioning will be billed on a quarterly basis for air-conditioning usage based on a meter reading.

Students may use the coin-operated launderette services at own expense.

## Find out more

- ☎ +60 3 8924 8604
- 📧 accommodation@nottingham.edu.my
- 📍 nottingham.edu.my/accommodation



### Room types

Deluxe single en-suite bathroom with air-conditioning

Single en-suite bathroom with air-conditioning

Single shared en-suite bathroom with air-conditioning

Single shared bathroom in five room flat with air-conditioning

Single shared en-suite bathroom

Single shared bathroom in five room flat

Twin shared in six bed flat

Four shared bedroom

## How to apply

New students may apply for on-campus accommodation as soon as you have your University student ID which is usually issued after you have submitted your programme application.

The University accommodation policy states that all new students and current residents are allowed to apply for on campus accommodation for their entire study period.

### Rental per student

RM750 per month

RM680 per month

RM615 per month

RM585 per month

RM510 per month

RM480 per month

RM455 per month

RM395 per month



## Room Preferences and Allocation

Please indicate five choices of room preference (with first as the most preferred and fifth as the last choice). We are unable to proceed with your application if you list less than five choices. Rooms are allocated on a first-come-first-served with payment made.

## Students with specific requirements

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 forwarded to our Student Wellbeing and Learning Support Office for further advice and assessment. You may also indicate your room preference to be within an "All Female" Hall of Residence.

With your student ID, you can apply for accommodation which allows you to:

- indicate your date and time of arrival
- manage your offer (accept, decline or apply for an extension)
- preview and select the various types of rooms available
- submit your application

Apply here

📍 applyaccommodation  
nottingham.edu.my

# “Selamat Datang, Huān Yíng and Vanakkam!”

University of Nottingham Malaysia welcomes you to one of the most diverse nations in Asia.

## Welcome to Malaysia

Covering an area of 127,350 square miles, Malaysia consists of two regions separated by the South China Sea: Peninsular Malaysia and Malaysian Borneo (also known as West and East Malaysia respectively). Peninsular Malaysia extends 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 30 million to date.

Malaysia is a country with a unique blend of cultural influences and ethnic groups. The country is home to three main ethnic groups: Malays, Chinese and Indians, as well as the native Orang Asli.

Having been colonised by the Portuguese, Dutch and British, you will see, hear and taste these influences in the architecture, Malay language and the internationally acclaimed Malaysian cuisine. Visitors to Malaysia are also left awestruck by the tropical beauty of Malaysia - with pristine beaches, some of the world's best underwater wildlife, ancient rainforests and UNESCO World heritage sites to explore, nature enthusiasts will find an exciting home in Malaysia.

## The capital city

The Malaysia campus is a 45-minute drive away from Kuala Lumpur (KL), one of Asia's most vibrant cities. KL is a true metropolis with some of the world's tallest buildings, largest shopping havens and modern infrastructure. However, Kuala Lumpur also has pockets of historical sites, traditional villages (known as kampung) and greenery which are fun to explore on the weekends. The city is served by a comprehensive transportation system including buses, trains, a monorail and a number of airports.

Kuala Lumpur lies in the heart of Southeast Asia, and due to the number of low-cost and international carriers transiting in the country, is an inexpensive starting point for travel around Southeast Asia and Australia.

## 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 registration on campus.

 [nottingham.edu.my/international/health-and-insurance](https://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.

 [apply.visa@nottingham.edu.my](mailto:apply.visa@nottingham.edu.my)

## Airport pick-up

We offer an airport pick-up service for new international students on designated days prior to the registration week. Email us at:

 [international.support@nottingham.edu.my](mailto:international.support@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 programme, and offer support and advice through the application process. If you would like to visit the University in person, we will be happy to arrange it for you.

 [nottingham.edu.my/international/overseas](https://nottingham.edu.my/international/overseas)

If you are an international student with a query about studying with us in Malaysia, please contact us:

 +60 3 8924 8686

 [nottingham.edu.my/make-an-enquiry](https://nottingham.edu.my/make-an-enquiry)

 [nottingham.edu.my/international](https://nottingham.edu.my/international)

# Our international campuses

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

## Jubilee Campus, UK



## University of Nottingham Ningbo China



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



[nottingham.edu.my/campuses](https://nottingham.edu.my/campuses)

### Sutton Bonington Campus

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

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

### China Campus

#### University of Nottingham Ningbo China

China campus became the first British university to establish and run a campus independently within mainland China when the first intake students were admitted in 2004.

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 almost 6,000 students including academic offices, a library, a fully equipped sports centre, a Students' Union, restaurants and shops.

# 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.

## Inter-campus exchange

As an undergraduate student, one unique feature of Nottingham Malaysia is the opportunity for you to spend one or two semesters during your second year of study at University of Nottingham UK, or University of Nottingham Ningbo China, while paying Malaysia Campus tuition fees. Participation is subject to the programme or programme 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 Nottingham Malaysia and achieved a minimum pass mark of 60%. You must also be taking a degree programme that is also offered at the host university. Current host universities include:

- Aarhus University, Denmark
- Bocconi University, Milan Italy
- Concordia University, Canada
- Korea Advanced Institute of Science and Technology (KAIST)
- Munich University of Applied Science, Germany
- National Taiwan University
- Sciences Po Toulouse, France
- Shiga University Japan
- Tech De Monterrey, Mexico
- The University of Groningen, The Netherlands
- University of Birmingham, UK
- University of Glasgow, UK
- University of Queensland, Australia



[nottingham.edu.my/studyabroad/byschool](https://nottingham.edu.my/studyabroad/byschool)

## China Campus

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

## Inter-campus transfer programme

Students registered at the Malaysia Campus are also eligible to transfer to University of Nottingham UK or University of Nottingham Ningbo China after at least one year at the Malaysia Campus, provided there is space and students meeting the requirement.

## International Summer Schools

Two-week programmes, based at our campuses in the UK, China and Malaysia, will provide you with the opportunity to study something new while meeting people from all over the world, and learning about different cultures. You will be taught by world-class academics, take part in exciting cultural and social activities, and form new friendships lasting a lifetime. The Summer Schools are open to anyone who fulfils the academic entry requirements.

UK: [nottingham.ac.uk/go/summerschools](https://nottingham.ac.uk/go/summerschools)

China: [nottingham.edu.cn/international/summer](https://nottingham.edu.cn/international/summer)

Malaysia: [nottingham.edu.my/international/summer](https://nottingham.edu.my/international/summer)



+60 3 8924 8193/8036/8684/8750



[international.support@nottingham.edu.my](mailto:international.support@nottingham.edu.my)



[nottingham.edu.my/studyabroad](https://nottingham.edu.my/studyabroad)

# RM15 million worth of scholarships

We grant RM15 million worth of 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

### The Star Education Fund

The University pledges several scholarships via The Star Education Fund for foundation and undergraduate programmes of study for Malaysian students only. Visit The Star for details:



### Sin Chew Daily Education Fund

This fund offers several full scholarships for undergraduate programmes for Malaysian only. Visit Sin Chew for details:



## Partial scholarships

### 25% High Achievers' Scholarship

This is an automatic scholarship for foundation and undergraduate programmes of study to all students. Students who meet the criteria will receive 25% discount on the first year of their tuition fees.

### 25% Dean's Excellence Scholarship

This scholarship entitles top achieving students a discount of 25% in their tuition fees at the point of progression.

### 10% Automatic scholarships

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

### Sports and Arts Scholarship

This scholarship is to acknowledge students' excellence in sports/arts to reward amateur athletes/artistic talent at national or international level, one award a year.

Scholarships will be divided into two categories:

- 50% discount for national level
- 75% discount for international level

All current students are eligible to apply for these scholarships, however, it cannot be backdated.

Not applicable to BSc Computer Science with Artificial Intelligence and Master of Pharmacy (MPharm)

## Partial scholarships for Malaysian students

### 50% Tinggi Foundation Scholarship

Tinggi Foundation offers 50% scholarships to deserving Malaysian students in undergraduate programme in these schools:

#### Arts and Social Sciences

- Business
- Economics
- Education

#### Engineering

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

#### Science

- Computer Science
- Psychology

## Other finance options

Other finance options for undergraduate students include:

- Employees Provident Fund (EPF) withdrawal scheme for education – for Malaysian students pursuing diploma and higher level
- National Higher Education Fund (PTPTN loan) – for Malaysian students doing undergraduate programmes only

Students with outstanding academic results can also seek sponsorship from other sponsoring bodies. Visit us for more information on sponsoring bodies can be found at our website.



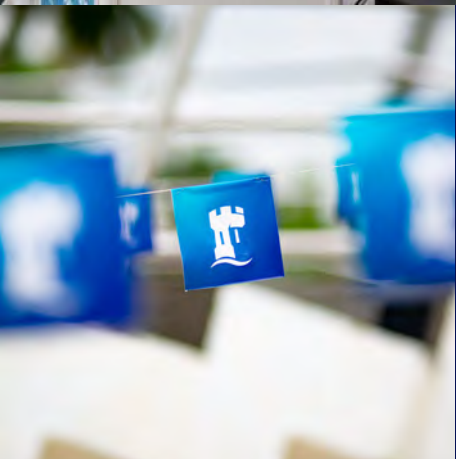


# See for yourself

## 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 as well as participate in activities.

Some faculties and schools also run their own open days throughout the year.



## Independent visits

You are welcome to arrange a visit to the campus and meet our staff for more information. Please contact us to arrange for a visit.

 [nottingham.edu.my/make-an-enquiry](https://nottingham.edu.my/make-an-enquiry)

## Education fairs

We participate in a number of education fairs throughout the year all over Malaysia. You can talk to our staff to find out the University and our programmes.

 [nottingham.edu.my/study/events](https://nottingham.edu.my/study/events)

## 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.

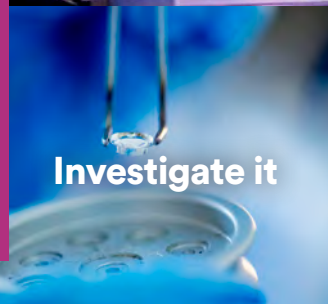
These agents and counsellors can help you to find the right programme, providing support and advise throughout the application process.

 [nottingham.edu.my/overseasrepresentatives](https://nottingham.edu.my/overseasrepresentatives)



# Foundation programmes

|                         |    |
|-------------------------|----|
| Arts and Education      | 42 |
| Business and Management | 42 |
| Engineering             | 43 |
| Science                 | 44 |



Investigate it

Apply it

## Foundation programmes



### Overview

At the University of Nottingham Malaysia, we offer four foundation programmes: Arts and Education, Business and Management, Engineering and Science. These are an ideal entry pathway for our degree programmes and will provide you with the academic 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 programme is designed to target the specific needs of the student. The Foundation in Science, for example, covers topics such as biology, computing, mathematics and psychology, whereas the Foundation in Arts focuses largely on language and communication skills. We will guide you through non-academic tutorials, and assist you on a one-to-one basis with personal or academic issues.

### 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.

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.

### Progression opportunities

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 Nottingham Malaysia.

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 programme, with content tailored for that programme. In addition, alternative pathways are open to other degrees, should your academic interest change in the programme of your foundation year.



### At a glance

- 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.
- Our programmes are carefully designed to prepare you for degree-level study and have a high rate of progression.
- 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.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/foundation](http://nottingham.edu.my/foundation)

- +60 3 8924 8686
- [nottingham.edu.my/make-an-enquiry](http://nottingham.edu.my/make-an-enquiry)
- UoNMalaysia
- UoNMalaysia
- [nottingham.edu.my/foundation](http://nottingham.edu.my/foundation)

| Foundation  | Duration                   | Intake  | Malaysian fees       | International fees    |
|---|----------------------------|---|----------------------|-----------------------|
| <b>Arts and Education</b><br>KPT/JPS(R/010/3/0393)3/21      | 2 or 3 semesters full-time | April (3 semester), September (2 and 3 semester)          | RM7,800 per semester | RM9,500 per semester  |
| <b>Business and Management</b><br>KPT/JPS(R/010/3/0392)2/21 | 2 or 3 semesters full-time | April (3 semester), September (2 and 3 semester)          | RM7,800 per semester | RM9,500 per semester  |
| <b>Engineering</b><br>KPT/JPS(R/010/3/0394)02/21            | 2 or 3 semesters full-time | April and June (3 semester), September (2 and 3 semester) | RM9,500 per semester | RM11,200 per semester |
| <b>Science</b><br>KPT/JPS(R/010/3/0312)4/20                 | 2 or 3 semesters full-time | April (3 semester), September (2 and 3 semester)          | RM9,000 per semester | RM10,600 per semester |

| Entry requirements  | English language requirements  |
|---|--|
| <b>Arts and Education</b>   | IELTS: 6.0 (with no less than 5.5 in each element)   |
| <b>3-Semester Entry</b>   |  |
| <b>SPM/GCSE/IGCSE</b>   | 5 Bs in relevant academic subjects, excluding moral studies and religious studies. Only one language subject may be considered as an academic subject for admissions purposes.   |
| <b>IB Middle Years Programme (IB MYP)</b>   | 5, 5, 5, 5, 5 in relevant academic subjects, excluding Personal Project. Only one language subject may be considered as an academic subject for admissions purposes.   |
| <b>Canadian Ontario Grade 11 Secondary School</b>   | Completion of Grade 11 curriculum with at least 70% in 5 relevant academic subjects. Canadian Grade 11 from other provinces are acceptable and to be assessed based on the University's requirements.                    |
| <b>2-Semester Entry</b>   |  |
| <b>A Level</b>  | CCC, excluding critical thinking and general studies.  |
| <b>AS Level</b>   | BBB, excluding critical thinking and general studies.  |
| <b>STPM</b>   | BBB, excluding Pengajian Am.   |
| <b>UEC</b>  | 4 B3s and 1 B4 in relevant academic subjects, excluding Bahasa Malaysia and Chinese language.  |
| <b>IB Diploma</b>   | 24 points with 4,4,4 at Higher Level   |
| <b>SAM or other Australian Matriculations</b>   | ATAR 74 (consideration to be made based on relevant subjects).   |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b>  | 70% average based on 6 subjects (consideration to be made based on relevant subjects). Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements. |
| <b>High School Diploma (US Style Curriculum)</b>  | Minimum final GPA of 3.0 (out of 4).   |
| 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 124. |  |

Applicants who are planning to progress to undergraduate programmes offered by Nottingham University Business School must have at least grade B in mathematics at SPM/ GCSE/ IGCSE High School Diploma or equivalent.

Applicants who have successfully completed 12 years of education (definitions will vary according to school system) and meet the entry requirements for the programme, may be eligible to apply for the 2-Semester entry. Acceptance is at the discretion of the University.

| Entry requirements  | English language requirements  |
|---|--|
| <b>Business and Management</b>  |  |
| <b>3-Semester Entry</b>   |  |
| <b>SPM/GCSE/IGCSE</b>   | 5 Bs in relevant academic subjects including mathematics, excluding moral studies and religious studies. Only one language subject may be considered as an academic subject for admissions purposes.                         |
| <b>IB Middle Years Programme (IB MYP)</b>   | 5, 5, 5, 5, 5 in relevant academic subjects including mathematics, excluding Personal Project. Only one language subject may be considered as an academic subject for admissions purposes.                                   |
| <b>Canadian Ontario Grade 11 Secondary School</b>   | Completion of Grade 11 curriculum with at least 70% in 5 relevant academic subjects, including mathematics. Canadian Grade 11 from other provinces are acceptable and to be assessed based on the University's requirements. |
| <b>2-Semester Entry</b>   |  |
| <b>A Level</b>  | CCC, excluding critical thinking and general studies.  |
| <b>AS Level</b>   | BBB, excluding critical thinking and general studies.  |
| <b>STPM</b>   | BBB, excluding Pengajian Am.   |
| <b>UEC</b>  | 4 B3s and 1 B4, including mathematics, excluding Bahasa Malaysia and Chinese language.   |
| <b>IB Diploma</b>   | 24 points with 4,4,4 at Higher Level, including mathematics.   |
| <b>SAM or other Australian Matriculations</b>   | ATAR 74 (consideration to be made based on relevant subjects).   |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b>  | 70% average based on 6 subjects with at least 60% in mathematics of data management. Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.       |
| <b>High School Diploma (US Style Curriculum)</b>  | Minimum final GPA 3.0 (out of 4) with Grade B in mathematics or pre-calculus in grade 11 or grade 12.  |
| In addition to the entry requirements listed above, those who have taken SPM/ GCSE/ IGCSE High School Diploma or equivalent must have grade B in mathematics.   |  |
| <b>Applicants who have successfully completed 12 years of education (definitions will vary according to school system) and meet the entry requirements for the programme, may be eligible to apply for the 2-Semester entry. Acceptance is at the discretion of the University.</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 124.

IELTS: 6.0 (with no less than 5.5 in each element)

TOEFL (iBT): 79 (minimum 17 in Writing and Listening, 18 in Reading, 20 in Speaking)

PTE (Academic): 55 (with no less than 51 in each element)

SPM: grade B+

1119 (GCE O): grade C

GCSE O-Level: grade C

IGCSE (First Language): grade C

IGCSE (Second Language): grade B

IB MYP: 4

MUET: Band 3

UEC: grade B3

| Entry requirements  | English language requirements  |
|---|--|
| <b>Engineering</b>  |  |
| <b>3-Semester Entry</b>   |  |
| <b>SPM</b>  | 5 Bs including additional mathematics, mathematics and physics, excluding moral studies and religious studies. Only one language subject may be considered as an academic subject for admissions purposes.   |
| <b>GCSE/IGCSE</b>   | 1 A in mathematics and 4 Bs including physics. Only one language subject may be considered as an academic subject for admissions purposes. Applicants who have fallen short in obtaining the minimum mathematics grade requirement by a very narrow margin, but have obtained grade B in additional mathematics, will be considered on a case-by-case basis. |
| <b>IB Middle Years Programme (IB MYP)</b>   | 6 in mathematics and 5,5,5,5 including physics, excluding Personal Project. Only one language subject may be considered as an academic subject for admissions purposes.  |
| <b>Canadian Ontario Grade 11 Secondary School</b>   | Completion of Grade 11 curriculum with at least 70% in 5 relevant academic subjects, including mathematics and physics.<br>Canadian Grade 11 from other provinces are acceptable and to be assessed based on the University's requirements.  |
| <b>2-Semester Entry</b>   |  |
| <b>A Level</b>  | CCC, including mathematics and physics, excluding critical thinking and general studies.   |
| <b>AS Level</b>   | BBB, including mathematics and physics, excluding critical thinking and general studies.   |
| <b>STPM</b>   | BBB, including mathematics and physics, excluding Pengajian Am.  |
| <b>UEC</b>  | 4 B3s and 1 B4, including mathematics and physics, excluding Bahasa Malaysia and Chinese language.   |
| <b>IB Diploma</b>   | 24 points, with 4,4,4 at Higher Level including mathematics and physics.   |
| <b>SAM or other Australian Matriculations</b>   | ATAR 74 including mathematics and physics (consideration to be made based on relevant subjects).   |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b>  | 70% average based on 6 subjects, including Advanced Functions, Calculus and Vectors and relevant science subjects. Consideration to be made based on relevant individual grades if specific subjects are required.<br><br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.  |
| <b>High School Diploma (US Style Curriculum)</b>  | Minimum final GPA of 3.0 (out of 4) in High School Diploma with grade B in mathematics or pre-calculus and physics in grade 11 or 12.  |
| <b>Applicants who have successfully completed 12 years of education (definitions will vary according to school system) and meet the entry requirements for the programme, may be eligible to apply for the 2-Semester entry. Acceptance is at the discretion of the University.</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 124.

| Entry requirements  | English language requirements  |
|---|--|
| <b>Science</b>  |  |
| <b>3-Semester Entry</b>   |  |
| <b>SPM/GCSE/IGCSE</b>   | 5 Bs in relevant academic subjects, including mathematics and 2 science subjects (biology, chemistry or physics) excluding moral studies and religious studies. Only one language subject may be considered as an academic subject for admissions purposes.  |
| <b>IB Middle Years Programme (IB MYP)</b>   | 5, 5, 5, 5, 5 including mathematics and 2 sciences subjects (biology, chemistry or physics), excluding Personal Project. Only one language subject may be considered as an academic subject for admissions purposes.   |
| <b>Canadian Ontario Grade 11 Secondary School</b>   | Completion of Grade 11 curriculum with at least 70% in 5 relevant academic subjects, including mathematics and 2 science subjects (biology, chemistry or physics).<br>Canadian Grade 11 from other provinces are acceptable and to be assessed based on the University's requirements.                                       |
| <b>2-Semester Entry</b>   |  |
| <b>A Level</b>  | CCC, including mathematics and 2 science subjects (biology, chemistry or physics), excluding critical thinking and general studies.  |
| <b>AS Level</b>   | BBB, including mathematics and 2 science subjects (biology, chemistry or physics), excluding critical thinking and general studies.  |
| <b>STPM</b>   | BBB, including mathematics and 2 science subjects (biology, chemistry or physics), excluding Pengajian Am.   |
| <b>UEC</b>  | 4 B3s and 1 B4, including mathematics and 2 science subjects (biology, chemistry or physics) excluding Bahasa Malaysia and Chinese language.   |
| <b>IB Diploma</b>   | 24 points with 4,4,4 at Higher Level, including mathematics and 2 science subjects (biology, chemistry or physics).  |
| <b>SAM or other Australian Matriculations</b>   | ATAR 74 including mathematics and 2 science subjects.  |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b>  | 70% average based on 6 subjects, including mathematics and 2 relevant science subjects. Consideration to be made based on relevant individual grades if specific subjects are required.<br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements. |
| <b>High School Diploma (US Style Curriculum)</b>  | Minimum final GPA 3.0 (out of 4) with Grade B in mathematics or pre-calculus and two science subjects (biology, chemistry or physics) in grade 11 or 12.   |
| <b>Applicants who have successfully completed 12 years of education (definitions will vary according to school system) and meet the entry requirements for the programme, may be eligible to apply for the 2-Semester entry. Acceptance is at the discretion of the University.</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 124.

## Entry requirements

## English language requirements

## Foundation in Science leading to MPharm (Hons) Pharmacy - (3-Semester Entry Only)

**SPM/GCSE/IGCSE** 5 Bs in relevant academic subjects, including biology, chemistry, physics and either mathematics or additional mathematics, excluding moral studies and religious studies.

**Other Qualifications** Acceptance is at the discretion of the School and must meet the prerequisite requirement of the programme.

**All progressing Foundation candidates into Master of Pharmacy (Honours) programme are expected to fulfil the English language requirement as stipulated by the School of Pharmacy at the Malaysia Campus.**

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 124.



## Foundation in Arts and Education

The Foundation in Arts and Education provides an entry route for degree programmes offered by the Faculty of Arts and Social Sciences, especially English, Education, International Communications Studies and International Relations. Considerable content is devoted to oral and written communication, critical thinking and study skills, while other modules will give a grounding in subject-specific content. You will be taught in innovative ways designed to help you to think issues through for yourself. 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.

## Typical core modules

- Basic Concepts of Politics and Philosophy
- Communications and Culture
- Communication Networks
- Contemporary Global Issues
- Critical Thinking and Study Skills
- Elementary Economics and Mathematical Skills
- Introduction to Social Science
- Principles of Education

## Typical optional modules

- Business Accounting
- Foundations in Communications, Politics and Media
- Fundamentals in Economics
- Introduction to Language and Literature
- Introduction to Law
- Principles of Applied Psychology
- Quantitative Methods for Business
- Social Sustainability
- The World Economy

## Foundation in Business and Management

The Foundation in Business and Management will help you develop into an independent learner and ease your progress onto undergraduate study. The programme provides an entry route to degree programmes offered by the Faculty of Arts and Social Sciences, especially in Business, Education, International Communications Studies and International Relations. Lectures are typically two to three hour sessions which will familiarise you with the subject's main theoretical concepts and ideas. In addition, tutorials, seminars and workshops are conducted so you can apply theoretical concepts to practical issues, participate in class discussions and improve your presentation skills. Lab work, presentations and assignments will be key parts of your learning experience and assessment. All core modules are compulsory, while you can select optional modules relating to your preferred undergraduate programme.

## Typical core modules

- Business Accounting
- Business and Management in a Global Context
- Communication Networks
- Contemporary Global Issues
- Critical Thinking and Study Skills
- Elementary Economics and Mathematical Skills
- Fundamentals of Economics
- Introduction to Social Science
- Quantitative Methods for Business

## Typical optional modules

- Foundations in Communications, Politics and Media
- Introduction to Language and Literature
- Introduction to Law
- Principles of Applied Psychology
- Social Sustainability
- The World Economy

## 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 programmes.

### First semester

#### Typical core modules

- Computer Methods for Engineers
- Light, Waves and Electron
- Principles of Chemistry
- Probability and Statistics
- Study Skills for Engineers

### Second semester

#### Typical core modules

- Calculus
- Electricity and Magnetism
- Mathematics for Engineers
- Mechanics and Matter

### Third semester

#### Typical core modules

- Advanced Calculus
- Programming for Engineers
- Thermal Physics and Circular Motion

#### Typical optional modules

You may choose **one** of the following optional modules:

- Applications of Electromagnetism
- Thermal Chemistry

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.



## 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 and Psychology pathways. You will also be given extra support in study skills, so you can progress to undergraduate level with confidence. You will follow a dedicated pathway through the foundation programme 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 optional modules selected from other pathways. 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.

#### Typical core modules

- Calculus
- Elementary Statistics and Probability
- Fundamentals of Algebra
- Fundamentals of Computing
- Introduction to Atoms and Bonding
- Laboratory Practical in Science
- Living Systems
- The Social World and Cognitive Processes

#### Typical elective modules

- Ecology, Energy and the Environment
- Biomolecules and Genetics
- Communication Networks
- Critical Thinking and Study Skills
- Fundamentals of Programming
- Elementary Linear Algebra
- Internet and the World Wide Web
- Organic Chemistry
- Physical Chemistry
- Quantitative Methods
- Scientific Computing
- Social Sustainability
- Study Skills for Science
- Understanding the Individual

The modules offered are subject to change.

## Pathways for progression

### Arts and Education

#### Primary programmes for progression

Education (TESOL) (BA)  
 Education (TESOL) (BEd)  
 English Language and Literature (BA)  
 English with Creative Writing (BA)  
 International Communication Studies (BA)  
 International Communication Studies with English Language and Literature (BA)  
 International Communication Studies with Film and Television Studies (BA)  
 International Relations (BA)  
 International Relations with French/Spanish (BA)

#### Alternative pathways for progression (strong level of maths required)

Applied Psychology and Management (BSc)  
 Business Economics and Finance (BSc)  
 Business Economics and Management (BSc)  
 Finance, Accounting and Management (BSc)  
 International Business Management (BSc)  
 Management (BSc)  
 Psychology (BSc)  
 Psychology and Cognitive Neuroscience (BSc)

### Business and Management

#### Primary programmes for progression

Applied Psychology and Management (BSc)  
 Business Economics and Finance (BSc)  
 Business Economics and Management (BSc)  
 Economics (BSc)  
 Economics and International Economics (BSc)  
 Finance, Accounting and Management (BSc)  
 International Business Management (BSc)  
 Management (BSc)

#### Alternative pathways for progression

Education (TESOL) (BA)  
 Education (TESOL) (BEd)  
 International Communication Studies (BA)  
 International Communication Studies with English Language and Literature (BA)  
 International Communication Studies with Film and Television Studies (BA)  
 International Relations (BA)  
 International Relations with French/Spanish (BA)

### Engineering

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

### Science

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



# Arts and Social Sciences

|   |    |
|---|----|
| Applied Psychology                            | 48 |
| Business                                      | 51 |
| Economics                                     | 57 |
| Education                                     | 60 |
| English                                       | 63 |
| Media, Languages and Cultures                 | 66 |
| Politics, History and International Relations | 71 |



## Applied Psychology



### 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, where 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 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

Applied psychology and management 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 with a strong human element in government agencies, industry and other types of organisations, such as charities, consultancies and non-governmental organisations. 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.



### At a glance

- Applied Psychology and Management 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.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)



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[nottingham.edu.my/appliedpsychology](http://nottingham.edu.my/appliedpsychology)

| BSc (Hons)   | Duration   | Intake  | Malaysian fees    | International fees |
|--|--|---|-------------------|--------------------|
| <b>BSc Applied Psychology and Management</b><br>KPT/JPS (R/345/6/0884)3/21 | 3 years full-time  | September   | RM36,000 per year | RM45,500 per year  |
| Entry requirements   |  | English language requirements   |                   |                    |
| <b>A Level</b>   | BBB, excluding critical thinking and general studies.  | IELTS: 6.5 (with no less than 6.0 in each element)  |                   |                    |
| <b>IB Diploma</b>  | 30 points with 5, 5, 5 at Higher Level and 5 points in mathematics at Standard or Higher Level.  | TOEFL (iBT): 87 (minimum 20 in Speaking and 19 in all other elements)   |                   |                    |
| <b>STPM</b>  | B+B+B+, excluding Pengajian Am.  |   |                   |                    |
| <b>UEC</b>   | 2 As and 3 B3s, excluding Bahasa Malaysia and Chinese language.  | PTE (Academic): 62 (with no less than 55 in each element)   |                   |                    |
| <b>SAM or other Australian Matriculations</b>                              | ATAR 86 (consideration to be made based on relevant subjects).   | GCE A Level English Language or English Literature: grade C   |                   |                    |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b>           | 80% average based on 6 subjects with at least 70% in Mathematics of Data Management. Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.   | GCE AS Level English Language or English Literature: grade C  |                   |                    |
| <b>Advance Placement (AP)</b>  | 4, 4, 4 in relevant subjects. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   | SPM: grade A-<br><br>1119 (GCE O): grade B  |                   |                    |
| <b>Diploma - Other Institutions</b>  | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. | GCSE O-Level: grade C<br><br>IGCSE (first language): grade C  |                   |                    |
| <b>Foundation - Other Institutions</b>                                     | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.  | IGCSE (second language): grade B<br><br>MUET: Band 4  |                   |                    |
| <b>University of Nottingham Malaysia Foundation</b>                        | Successful completion of any foundation programme and meeting mathematics requirements.  | UEC: grade A2<br><br>IB English A1 or A2 (Standard or Higher Level): 4 points<br><br>IB English B (Higher Level): 4 points<br><br>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 124.

#### Related programmes

BSc Business Economics and Management (page 54)  
BSc Finance, Accounting and Management (page 55)  
BSc International Business Management (page 55)

BSc Management (page 56)

BSc Psychology (page 121)

BSc Psychology and Cognitive Neuroscience (page 121)

## BSc Applied Psychology and Management

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 one

#### Typical core modules

- Applied Research Methods
- Business Economics
- Entrepreneurship: Theory and Practice
- Fundamentals of Financial and Management Accounting
- Financial Accounting
- Introduction to Applied Psychology
- People, Work and Organisations
- Psychology of Individual Differences

### Year two

#### Typical core modules

- Advanced Research Methods
- Applied Social and Cultural Psychology
- Human Resource Management with International Perspectives
- International Business
- Marketing Management
- Psychology of Learning

#### Typical optional modules

- Branding and Advertising
- Contemporary Issues in Psychology
- Corporate Entrepreneurship and Innovation
- Developmental Psychology
- Introduction to Counselling

### Year three

#### Typical core modules

- Business Ethics and Sustainability
- Research Project in Applied Psychology
- Strategic Management

#### Typical optional modules

- Cross Cultural Management
- Marketing and Society
- Occupational Health Psychology
- Selection and Training in Organisations



### At a glance

- As a leading centre for management education, Nottingham University Business School (NUBS) is renowned for world-class research and teaching, and in the latest UK Research Excellence Framework we ranked among the top six business schools in the UK for research power.
- We are part of an elite global group that has gained European Quality Improvement System (EQUIS) accreditation – proof not only of our high standards but also of our commitment to internationalisation.
- We draw on our global presence to enhance business and management knowledge while offering a unique insight into Asian business growth and development.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)



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## Business

### What is business and management?

All programmes 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 programme, 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. 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 programmes will provide you with the competitive edge to pursue a career in any line of business.

### Professional accreditation

Nottingham University Business School is the top 6 business schools in the UK for research power. Uniquely, the EQUIS accreditation applies to all our campuses in the UK, China and Malaysia. In addition to EQUIS, some of our degree programmes are also accredited by several major professional accountancy bodies. The exemptions that are available from professional examination papers set by these bodies vary depending on the degree programme.

The BSc Finance, Accounting and Management programme is accredited by the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants (CIMA), the Institute of Chartered Accountants in England and Wales (ICAEW) and CPA Australia.

### Career prospects

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. 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-oriented professions.



| BSc (Hons)  | Duration          | Intake                 | Malaysian fees    | International fees |
|---|-------------------|------------------------|-------------------|--------------------|
| <b>BSc Business Economics and Finance</b><br>KPT/JPS(R/340/6/0629)03/21     | 3 years full-time | February and September | RM37,000 per year | RM45,500 per year  |
| <b>BSc Business Economics and Management</b><br>KPT/JPS(R/340/6/0628)3/21   | 3 years full-time | September              | RM37,000 per year | RM45,500 per year  |
| <b>BSc Finance, Accounting and Management</b><br>JPT/JPS(R/340/6/0514)03/20 | 3 years full-time | February and September | RM37,000 per year | RM45,500 per year  |
| <b>BSc International Business Management</b><br>KPT/JPS(R/345/6/0883)3/21   | 3 years full-time | September              | RM37,000 per year | RM45,500 per year  |
| <b>BSc Management</b><br>KPT/JPS(R/345/6/0712)03/20                         | 3 years full-time | September              | RM37,000 per year | RM45,500 per year  |

For more information about our programmes, visit  
[nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

| Entry requirements  |  | English language requirements   |
|---|--|---|
| <b>A Level</b>  | BBB, excluding critical thinking and general studies.  | IELTS: 6.5 (with no less than 6.0 in each element)                    |
| <b>IB Diploma</b>   | 30 points with 5, 5, 5 at Higher Level and 5 points in mathematics at Standard or Higher Level.  | TOEFL (iBT): 87 (minimum 20 in Speaking and 19 in all other elements) |
| <b>STPM</b>   | B+B+B+, excluding Pengajian Am.  | PTE (Academic): 62 (with no less than 55 in each element)             |
| <b>UEC</b>  | 2 As and 3 B3s, excluding Bahasa Malaysia and Chinese language.  | GCE A Level English Language or English Literature: grade C           |
| <b>SAM or other Australian Matriculations</b>   | ATAR 86 (consideration to be made based on relevant subjects).   | GCE AS Level English Language or English Literature: grade C          |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b>  | 80% average based on 6 subjects with at least 70% in Mathematics of Data Management. Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.   | SPM: grade A-   |
| <b>Advance Placement (AP)</b>   | 4, 4, 4 in relevant subjects. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   | 1119 (GCE O): grade B   |
| <b>Diploma - Other Institutions</b>   | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. | GCSE O-Level: grade C   |
| <b>Foundation - Other Institutions</b>  | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.  | IGCSE (first language): grade C                                       |
| <b>University of Nottingham Malaysia Foundation</b>   | Successful completion of any foundation programme and meeting mathematics requirements.  | IGCSE (second language): grade B                                      |
| <b>In addition to the entry requirements listed above, those who have taken SPM/ GCSE/ IGCSE/ High School Diploma or equivalent must have grade B in mathematics or grade C in UEC mathematics.</b> |  | MUET: Band 4  |
|   |  | UEC: grade A2   |
|   |  | IB English A1 or A2 (Standard or Higher Level): 4 points              |
|   |  | IB English B (Higher Level): 4 points                                 |
|   |  | IB English B (Standard Level): 5 points                               |

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 124.

## BSc Business Economics and Finance

This degree allows you a greater specialisation in finance, offering the key elements of Business Economics. You will study core business and economics modules and take additional modules related to finance. You will gain an in-depth understanding of the core areas of economics and finance, such as derivatives pricing, economics of regulation, industrial economics and corporate restructuring. This programme will provide you with an excellent background for specialist quantitatively orientated careers in financial economics and research, as well as those in the areas of accountancy, banking, finance and management.

### Year one

#### Typical core modules

- Business Finance
- Computers in Business
- Fundamentals of Financial and Management Accounting
- Introduction to Economics
- Microeconomics for Business
- Organisational Behaviour
- Quantitative Methods 1b
- Work and Society

Plus, approved optional modules (must include Quantitative Methods 1a for students without a Grade C in A-Level Mathematics or equivalent)

### Year two

#### Typical core modules

- Corporate Finance
- Industrial Economics I: Economics of Organisation and Innovation
- Industrial Economics II: Pricing and Decision Making
- Introductory Econometrics
- Quantitative Methods 2a

Plus approved optional modules

### Year three

#### Typical core modules

- Business Ethics and Sustainability
- Economics of Regulation and Public Choice
- Financial Economics
- Financial Markets: Theory and Computation
- Industrial Economics III: Market Structure and Competition Policy
- Industrial Economics IV: Games and Strategies

Plus approved optional modules

## BSc Business Economics and Management

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

### Year one

#### Typical core modules

- Business Finance
- Computers in Business
- Fundamentals of Financial and Management Accounting
- Introduction to Economics
- Microeconomics for Business
- Organisational Behaviour
- Quantitative Methods 1b
- Work and Society

Plus, approved optional modules (must include Quantitative Methods 1a for students without a Grade C in A-Level Mathematics or equivalent)

### Year two

#### Typical core modules

- Firm Strategy and Internationalisation
- Industrial Economics I: Economics of Organisation and Innovation
- Industrial Economics II: Pricing and Decision Making
- International Business Strategy
- Introductory Econometrics
- Quantitative Methods 2a

Plus approved optional modules

### Year three

#### Typical core modules

- Business Ethics and Sustainability
- Economics of Regulation and Public Choice
- Industrial Economics III: Market Structure and Competition Policy
- Industrial Economics IV: Games and Strategies
- Strategic Management

Plus approved optional modules

## BSc Finance, Accounting and Management

This might well be amongst the most sought-after qualification in the Business School as it is underpinned by a variety of other disciplines to run a corporation. Here, you will learn to utilise the theoretical 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 programme, you will be well-equipped to undertake professional examinations in accounting.

### Year one

#### Typical core modules

- Business Finance
- Business Law
- Computers in Business
- Economic Principles
- Fundamentals of Financial and Management Accounting
- Organisational Behaviour
- Professional and Academic Development
- Quantitative Methods 1b

Plus approved optional modules (must include Quantitative Methods 1a for students without a Grade C in A-Level Mathematics or equivalent)

### Year two

#### Typical core modules

- Accounting Information Systems
- Corporate Finance
- Intermediate Corporate Reporting
- Introductory Econometrics
- Management Accounting
- Management Strategy
- Quantitative Methods 2a

Plus approved optional modules

### Year three

#### Typical core modules

- Advanced Corporate Reporting and Analysis
- Advanced Management Accounting
- Business Ethics and Sustainability
- Financial Markets: Theory and Computation

Plus approved optional modules

## BSc International Business Management

We are aware of the fundamental need to create new managers for a new world. Focusing on international business strategy and globalisation, you will be exposed to a range of general management subjects, such as accounting, business information technologies, 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 programme frequently opt to take optional modules in international communications studies and international relations, complementing the business focus of the core curriculum.

### Year one

#### Typical core modules

- Business Economics
- Consumers and Markets
- Entrepreneurship: Theory and Practice
- Fundamentals of Financial and Management Accounting
- Managing Operations in the Digital Enterprise
- Organisational Behaviour
- Quantitative Methods 1b
- Work and Society

Plus, either Quantitative Methods 1a (compulsory for students without a Grade C in A-Level Mathematics or equivalent) or Professional and Academic Development (compulsory for all other students)

### Year two

#### Typical core modules

- Firm Strategy and Internationalisation
- Human Resource Management with International Perspectives
- International Business
- Managing the Responsible Business
- Marketing Management
- Technology and Organisation

Plus approved optional modules

### Year three

#### Typical core modules

- Business Ethics and Sustainability
- Cross Cultural Management
- Finance in the Global Market
- New Venture Creation
- Strategic Management

Plus approved optional modules

## BSc Management

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

### Year one

#### Typical core modules

- Business Economics
- Consumers and Markets
- Entrepreneurship: Theory and Practice
- Fundamentals of Financial and Management Accounting
- Managing Operations in the Digital Enterprise
- Organisational Behaviour
- Quantitative Methods 1b
- Work and Society

Plus, either Quantitative Methods 1a (compulsory for students without a Grade C in A-Level Mathematics or equivalent) or Professional and Academic Development (compulsory for all other students)

## Year two

#### Typical core modules

- Human Resource Management with International Perspectives
  - International Business
  - Marketing Management
  - Technology and Organization
- Plus approved optional modules

## Year three

#### Typical core modules

- Business Ethics and Sustainability
  - New Venture Creation
  - Strategic Management
- Plus approved optional modules

The Business School's undergraduate degree programmes provide a well-rounded business education that will equip you with the knowledge and skills necessary to succeed in a global business environment.





### At a glance

- Economics is the second highest paid degree in the UK, Institute for Fiscal Studies.
- Exceptional alumni including the late Sir Clive Granger, winner of the 2003 Nobel Prize in Economic Sciences.
- Exchange opportunities at the University's campuses in the UK or China or in locations such as Canada.
- Flexible programmes with broad range of modules.
- 2nd in the world in the field of Cognitive and Behavioural Economics, The Repec/IDEAS ranking.
- 4th in the UK for economics, The Guardian University Guide 2018

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)



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[nottingham.edu.my/economics](http://nottingham.edu.my/economics)

## Economics

### Studying economics at Nottingham Malaysia

Established in 2010, Nottingham School of Economics Malaysia is an integral part of University of Nottingham's School of Economics, a top ranked economics department. We provide students with all the benefits of a world-class British education but in the dynamic setting of Malaysia. As the world looks East, our students are in the unique position to witness first-hand the extraordinary economic development taking place in Malaysia and regionally within ASEAN.

Our Economics degrees are among the few Bachelor of Science in Economics degrees offered in Malaysia. They combine the core analytical and quantitative techniques required by modern economics with in depth study of topical issues, informed by research active staff who are pushing forward the boundaries of the subject. Our academics are highly qualified with PhDs from renowned universities in US, Europe and Australia, and have extensive international teaching and working experiences.

### Good returns to studying economics

With rigorous training in data analysis, problem solving, report writing, oral presentations and teamwork, our graduates are highly sought after in the job market.

Economics graduates have an enviable flexibility to choose from a wide range of careers, including jobs in investment banks and management consultancies, and high-impact jobs with opportunities to shape policies in think tank and government agencies. The solid mathematical, quantitative and analytical skills that students acquire through an economics degree are very much sought after, making it one of the highest paid degrees in the market (according to the Institute for Fiscal Studies and the Hamilton Project).

### Broad career options

Economics graduates from University of Nottingham Malaysia have been recruited by investment banks, commercial banks, multinational companies, government organisations, as well as policy institutes. In addition, a significant fraction of our graduates are pursuing their master and doctoral studies around the world, as our honours degree is recognised for entry into postgraduate programmes at internationally renowned universities.

We look forward to helping you to achieve your ambitions here at Nottingham Malaysia.

| BSc (Hons)   | Duration          | Intake    | Malaysian fees    | International fees |
|--|-------------------|-----------|-------------------|--------------------|
| <b>BSc Economics</b><br>UNMC(R/314/6/0022)10/19                                | 3 years full-time | September | RM36,000 per year | RM45,500 per year  |
| <b>BSc Economics and International Economics</b><br>KPT/JPS(N/314/6/0023)12/19 | 3 years full-time | September | RM36,000 per year | RM45,500 per year  |

| Entry requirements   | English language requirements   |
|--|---|
| <b>A Level</b>   | BBB, excluding critical thinking and general studies.<br><br>IELTS: 6.5 (with no less than 6.0 in each element)   |
| <b>IB Diploma</b>  | 30 points with 5, 5, 5 at Higher Level and 5 points in mathematics at Higher level or 6 points at Standard Level.<br><br>TOEFL (iBT): 87 (minimum 20 in Speaking and 19 in all other elements)  |
| <b>STPM</b>  | B+B+B+, excluding Pengajian Am.   |
| <b>UEC</b>   | 2 As and 3 B3s, excluding Bahasa Malaysia and Chinese language.<br><br>PTE (Academic): 62 (with no less than 55 in each element)  |
| <b>SAM or other Australian Matriculations</b>                    | ATAR 86 (consideration to be made based on relevant subjects).<br><br>GCE A Level English Language or English Literature: grade C   |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b> | 80% average based on 6 subjects with 60% in Calculus and Vectors and 70% in Mathematics of Data Management. Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.<br><br>GCE AS Level English Language or English Literature: grade C   |
| <b>Advance Placement (AP)</b>                                    | 4, 4, 4 in relevant subjects. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.<br><br>SPM: grade A-   |
| <b>Diploma - Other Institutions</b>                              | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.<br><br>1119 (GCE O): grade B<br><br>GCSE O-Level: grade C<br><br>IGCSE (first language): grade C<br><br>IGCSE (second language): grade B |
| <b>Foundation - Other Institutions</b>                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.<br><br>MUET: Band 4<br><br>UEC: grade A2  |
| <b>University of Nottingham Malaysia Foundation</b>              | Successful completion of the Foundation in Business and Management programme and meeting mathematics requirements.<br><br>IB English A1 or A2 (Standard or Higher Level): 4 points<br><br>IB English B (Higher Level): 4 points<br><br>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 124.

### Related programmes

BSc Business Economics and Finance (page 54)

BSc Business Economics and Management (page 54)

For more information about our programmes, visit  
[nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

## BSc Economics

Offering you the flexibility to tailor your module choice to your interests, this programme provides a solid grounding in a wide range of techniques and skills sought after by employers. Macroeconomics, microeconomics, mathematics and statistics form the core of the degree. You will have the flexibility to select modules offered by other schools across the University.

### Year one

Providing you with a solid grounding in introductory economic theory and mathematics/statistics, your first year of study will focus on the relevance of such methods to the study of economic questions of cultural, political and social importance.

#### Typical core modules

- Introduction to Macroeconomics
- Introduction to Microeconomics
- Quantitative Economics

#### Typical optional modules

- Economic Integration 1 and 2

### Year two

You will develop your analytical skills and knowledge of the core disciplines of economics and quantitative methods, as well as the major sub-disciplines of economics. You can apply to spend a semester on exchange.

#### Typical core modules

- Applied Econometrics 1 and 2
- Macroeconomic Theory
- Microeconomic Theory

#### Typical optional modules

- Developmental Economics
- Experimental and Behavioural Economics
- Financial Economics
- International Trade

### Year three

In your final year you will examine the major themes in economics at an advanced level and build on the topics covered in previous years. Under the guidance of an academic, you'll also undertake a year-long dissertation on a topic of your choice and will gain experience of the research process.

#### Typical core modules

- Economics Dissertation

#### Typical optional modules

- Advanced Development Economics
- Advanced Experimental and Behavioural Economics
- Advanced Financial Economics
- Advanced International Trade Theory
- Advanced Microeconomics
- International Money and Macroeconomics
- International Trade Policy
- Topics in Econometrics

## BSc Economics and International Economics

Following a similar structure to BSc Economics, this programme is particularly suitable if you are interested in studying international trade and international aspects of financial economics. It will provide you with core training in economics, combined with a special focus on a range of aspects of international economics, including international trade and monetary economics, in which the school has a worldwide reputation. Modules in international economics form a significant element of this programme, but there is also ample opportunity to take modules offered by other schools in the University. As a graduate, you will have a thorough knowledge of economic theory and how it is applied to the real world, particularly in relation to international trade, monetary economics and globalisation. You will also be familiar with the key analytical techniques that economists use in practice.

### Year one

In your first year, you will study the core of BSc Economics with additional modules in the economics of integration, focusing on the key principles and the largest customs union in the world: the European Union.

#### Typical core modules

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

### Year two

This year will help develop your knowledge of the theoretical framework for international trade and money, including topics such as globalisation, off-shoring, monetary policy and the business cycle. You can apply to spend a semester on exchange.

#### Typical core modules

- Applied Econometrics 1 and 2
- Financial Economics
- International Trade
- Macroeconomic Theory
- Microeconomic Theory

#### Typical optional modules

- Development Economics
- Experimental and Behavioural Economics

### Year three

#### Typical core modules

- Advanced International Trade Theory
- Economics Dissertation
- International Trade Policy

#### Typical optional modules

- Advanced Development Economics
- Advanced Financial Economics
- Advanced Microeconomics
- Advanced Experimental and Behavioural Economics
- International Money and Macroeconomics
- Topics in Econometrics

# Education



## 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 will find a career in education rewarding. The knowledge, skills and competencies that you will acquire will open doors to career opportunities worldwide.

## How will I study?

Our undergraduate programmes blend international teacher education concepts with a variety of context-based approaches. Teaching combines lectures, seminars, workshops and tutorials with virtual learning environments and emphasis is also placed on self-led learning. Assessment is carried out through a variety of coursework and a supervised research project (dissertation) in an area of your choice in the third year.

## Career prospects

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 information and communication technologies, multimedia and conventional material development and publishing; and education services, including consultancy, investment services, research and technology services.



## At a glance

- 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.
- 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 3rd in the UK in the UK Research Excellence Framework 2014.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)



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| BA/BEd (Hons)   | Duration             | Intake    | Malaysian fees       | International fees   |
|---|----------------------|-----------|----------------------|----------------------|
| <b>BA Education (TESOL)</b><br>KPT/JPS(R/145/6/0069)12/20 | 3 years<br>full-time | September | RM27,600<br>per year | RM33,500<br>per year |
| <b>BEd (TESOL)</b><br>KPT/JPS(R/145/6/0089)12/20          | 4 years<br>full-time | September | RM27,600<br>per year | RM33,500<br>per year |

| Entry requirements   |  | English language requirements   |
|--|--|---|
| <b>A Level</b>   | BBC, excluding critical thinking and general studies.  | IELTS: 6.5 (with no less than 6.0 in each element)                    |
| <b>IB Diploma</b>  | 28 points with 5, 5, 4 at Higher Level..   |   |
| <b>STPM</b>  | B+B+B, excluding Pengajian Am.   | TOEFL (iBT): 87 (minimum 20 in Speaking and 19 in all other elements) |
| <b>UEC</b>   | 1 A and 4 B3s, excluding Bahasa Malaysia and Chinese language.   |   |
| <b>SAM or other Australian Matriculations</b>                    | ATAR 82 (consideration to be made based on relevant subjects).   | PTE (Academic): 62 (with no less than 55 in each element)             |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b> | 80% average based on 6 subjects (consideration to be made based on relevant subjects).<br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.  | GCE A Level English Language or English Literature: grade C           |
| <b>Advance Placement (AP)</b>                                    | 4, 4, 3 in relevant subjects. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   | GCE AS Level English Language or English Literature: grade C          |
| <b>Diploma - Other Institutions</b>                              | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. | SPM: grade A-   |
| <b>Foundation - Other Institutions</b>                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.0 (out of 4) or 70% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.   | 1119 (GCE O): grade B   |
| <b>University of Nottingham Malaysia Foundation</b>              | Successful completion of the Foundation in Arts and Education programme.   | GCSE O-Level: grade C   |
|  |  | IGCSE (first language): grade C                                       |
|  |  | IGCSE (second language): grade B                                      |
|  |  | MUET: Band 4  |
|  |  | UEC: grade A2   |
|  |  | IB English A1 or A2 (Standard or Higher Level): 4 points              |
|  |  | IB English B (Higher Level): 4 points                                 |
|  |  | IB English B (Standard Level): 5 points                               |

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 124.

## BA Education (TESOL) and BEd (TESOL)

The BA Education programme is studied full-time over three years and the BEd programme is studied full-time over four years. Modules offered in year one, two and three are similar for BA and BEd programmes. However, the BEd programme requires 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 one

#### 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 two

#### 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 three

#### 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 four (BEd only)

#### Typical core modules

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





## English

### At a glance

- Our research expertise is broad and includes: 19th century literature; applied linguistics; American, British, and Malaysian literatures; creative writing; disprogramme analysis; systemic functional linguistics; bilingualism; world englishes; and gender and language.
- 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 strong links with the Malaysian academic and literary communities will give you the opportunity to attend public talks, readings and literary festivals.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

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### 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. The study of literature will involve relating works to their historical and social context, as well as wider questions of applied linguistics, 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, thus enabling you to develop the high-level creative and analytical skills needed for academic as well as professional interactions.

### 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 on 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

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. These 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.

| BA (Hons)  | Duration          | Intake    | Malaysian fees    | International fees |
|--|-------------------|-----------|-------------------|--------------------|
| <b>BA English Language and Literature</b><br>KPT/JPS(R/222/6/0026)1/23 | 3 years full-time | September | RM27,600 per year | RM33,500 per year  |
| <b>BA English with Creative Writing</b><br>KPT/JPS(R/222/6/0027)1/23   | 3 years full-time | September | RM27,600 per year | RM33,500 per year  |

| Entry requirements   |  | English language requirements  |
|--|--|--|
| <b>A Level</b>   | BBB, excluding critical thinking and general studies.  | IELTS: 6.5 (with no less than 6.0 in each element)   |
| <b>IB Diploma</b>  | 30 points with 5, 5, 5 at Higher Level.  |  |
| <b>STPM</b>  | B+B+B+, excluding Pengajian Am.  | TOEFL (iBT): 87 (minimum 20 in Speaking and 19 in all other elements)  |
| <b>UEC</b>   | 2 As and 3 B3s, excluding Bahasa Malaysia and Chinese language.  |  |
| <b>SAM or other Australian Matriculations</b>                    | ATAR 86 (consideration to be made based on relevant subjects).   | PTE (Academic): 62 (with no less than 55 in each element)  |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b> | 80% average based on 6 subjects (consideration to be made based on relevant subjects).<br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.  | GCE A Level English Language or English Literature: grade C<br><br>GCE AS Level English Language or English Literature: grade C                      |
| <b>Advance Placement (AP)</b>                                    | 4, 4, 4 in relevant subjects. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   | SPM: grade A-<br>1119 (GCE O): grade B<br>GCSE O-Level: grade C<br><br>IGCSE (first language): grade C   |
| <b>Diploma - Other Institutions</b>                              | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. | IGCSE (second language): grade B<br><br>MUET: Band 4<br><br>UEC: grade A2  |
| <b>Foundation - Other Institutions</b>                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.  | IB English A1 or A2 (Standard or Higher Level): 4 points<br><br>IB English B (Higher Level): 4 points<br><br>IB English B (Standard Level): 5 points |
| <b>University of Nottingham Malaysia Foundation</b>              | Successful completion of the Foundation in Arts and Education programme.   |  |

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 124.

### Related programmes

BA International Communication Studies (page 69)  
BA International Communication Studies with English Language and Literature (page 69)

BA International Communication Studies with Film and Television Studies (page 69)

For more information about our programmes, visit  
[nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

## BA English Language and Literature

### BA English with Creative Writing

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

#### Year one

##### Typical core modules

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

#### Year two

##### Typical core modules

- Disprogramme and Society
- English Through Time
- Literary Linguistics
- Modern and Contemporary Literature
- Performance Writing\*
- Prose and Poetry Writing\*
- Victorian and Fin de Siecle Literature
- World Literatures in English

#### Year three

##### Typical core modules

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

\* English with creative writing students only

Our degrees cover a wide range of language skills in English.



## Media, Languages and Cultures

### 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.

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



### How will I study?

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

### At a glance

- 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.
- 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.
- The School of Media, Languages and Cultures engages in dynamic and impactful research into the macro and micro-level workings of the global media and communication environment.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)



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## Career prospects

An international communications degree is your passport to a variety of rewarding professions. Likely career fields include: the audio-visual, digital and print media industries; marketing; production; public relations; and research. Career paths in these fields include advertising account executives, copywriters and creative roles, news editors, journalists and reporters.

Other career options include: arts or heritage administration and management; the civil service, diplomatic or embassy work and government service; non-governmental organisations, politics and think-tanks; and consultancy, human resources, management and recruitment within the international business environment. Graduates with a passion for language can pursue interpreting, publishing and translation roles and others may continue their studies and pursue research and/or teaching.

It is important for you to build up critical thinking and problem solving skills through studies and research.



| BA (Hons)  | Duration          | Intake    | Malaysian fees    | International fees |
|--|-------------------|-----------|-------------------|--------------------|
| <b>BA International Communication Studies</b><br>KPT/JPS(R/340/6/0628)3/21                                     | 3 years full-time | September | RM36,000 per year | RM42,000 per year  |
| <b>BA International Communication Studies with English Language and Literature</b><br>UNMC (R/321/6/0154)10/19 | 3 years full-time | September | RM36,000 per year | RM42,000 per year  |
| <b>BA International Communication Studies with Film and Television Studies</b><br>UNMC (R/321/6/0155)10/19     | 3 years full-time | September | RM36,000 per year | RM42,000 per year  |

| Entry requirements  |  | English language requirements  |
|---|--|--|
| A Level   | BBC, excluding critical thinking and general studies.  | IELTS: 6.5 (with no less than 6.0 in each element)   |
| IB Diploma  | 28 points with 5, 5, 4 at Higher Level.  | TOEFL (iBT): 87 (minimum 20 in Speaking and 19 in all other elements)  |
| STPM  | B+B+B, excluding Pengajian Am.   | PTE (Academic): 62 (with no less than 55 in each element)  |
| UEC   | 1 A and 4 B3s, excluding Bahasa Malaysia and Chinese language.   | GCE A Level English Language or English Literature: grade C  |
| SAM or other Australian Matriculations                    | ATAR 82 (consideration to be made based on relevant subjects).   | GCE AS Level English Language or English Literature: grade C   |
| Canadian Ontario Grade 12 Secondary School Diploma (OSSD) | 80% average based on 6 subjects (consideration to be made based on relevant subjects).<br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.  | SPM: grade A-<br>1119 (GCE O): grade B   |
| Advance Placement (AP)                                    | 4, 4, 3 in relevant subjects. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   | GCSE O-Level: grade C<br>IGCSE (first language): grade C<br>IGCSE (second language): grade B   |
| Diploma - Other Institutions                              | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. | MUET: Band 4<br>UEC: grade A2  |
| Foundation - Other Institutions                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.0 (out of 4) or 70% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.   | IB English A1 or A2 (Standard or Higher Level): 4 points<br>IB English B (Higher Level): 4 points<br>IB English B (Standard Level): 5 points |
| University of Nottingham Malaysia Foundation              | Successful completion of the Foundation in Arts and Education or Business and Management programme.  |  |

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 124.

**Related programmes**

BA English Language and Literature (page 65)

BA English with Creative Writing (page 65)

**BA International Communication Studies****BA International Communication Studies with English Language and Literature****BA International Communication Studies with Film and Television Studies**

You will study a range of core compulsory modules to give you a thorough grounding in international media and communications. You will also take additional compulsory or optional modules from within the school or faculty. A unique aspect of our degree programmes is the compulsory language component, where you will learn a new modern language and graduate with a high level of spoken and written fluency in your chosen language. You may also apply for a range of summer internships within the Malaysian and international media and communication industry. There is also the chance to apply for mobility exchanges to the UK or China campuses in your second and third years of study.

**Year one****Typical core modules**

- Beginners French, German, Japanese, Korean, Mandarin or Spanish (full year)
- Culture and Society
- Global Music Studies (elective)
- Introduction to Linguistics\*
- Media and Communications Theory
- Producing Film and Television\*\*
- Reading Film and Television\*\*
- Studying Literature\*

**Year two****Typical core modules**

- Community Interpreting
- 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)
- Music in Film\*\*
- Political Communication, Public Relations and Propaganda
- Reading Chinese and Japanese Literature 1
- Researching Culture, Film and Media (full year)

Plus one literature and one linguistics module from the School of English (please refer to their module listings on page 65).

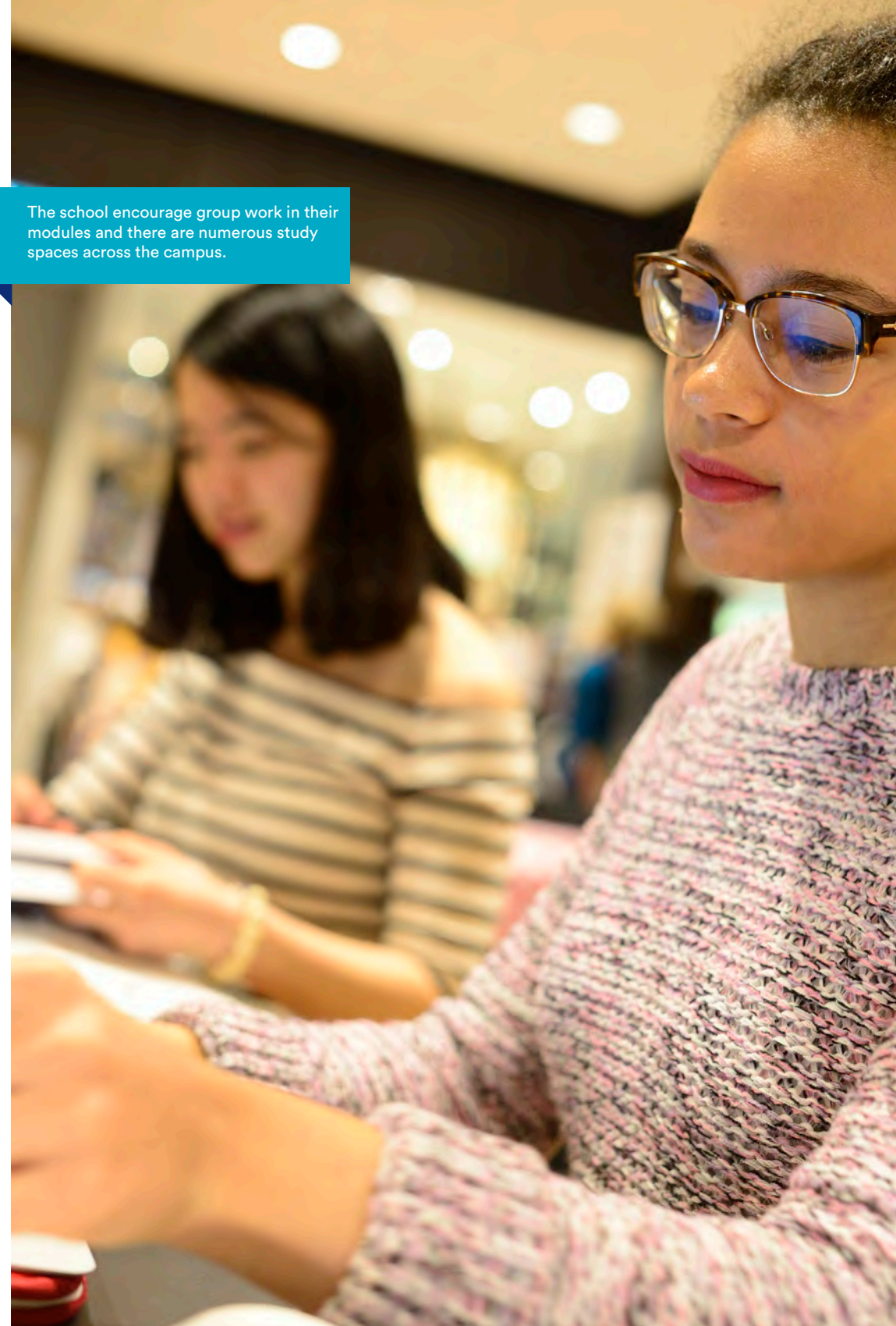
**Year three****Typical core modules**

- Advanced French, German, Japanese, Korean, Mandarin or Spanish (full year)
- Cultural, Film and Media Dissertation (full year)
- Digital Communication and Media
- Documentary Film and Documentary Practice\*\*
- Gender, Sexuality and Media
- Media and Conflict
- Modern British Fiction\*
- Patterns, Functions and Descriptions of English\*
- Southeast Asian Film\*\*
- Writing for the Media

\* Compulsory for English language and literature students only.

\*\* Compulsory for film and television studies students only.

The school encourage group work in their modules and there are numerous study spaces across the campus.





### At a glance

- 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 and Europe, they participate in public debate, from academic publishing to analysing contemporary issues in the media.

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## Politics, History and International Relations

### International relations as a profession

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, and 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

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. The school is building up its alumni network both to keep in contact as well as explore ways of connecting current students with alumni in the world of work after graduation.

| BA (Hons)   | Duration          | Intake    | Malaysian fees    | International fees |
|---|-------------------|-----------|-------------------|--------------------|
| <b>BA International Relations</b><br>UNMC(R/313/6/0017)10/19              | 3 years full-time | September | RM36,000 per year | RM42,000 per year  |
| <b>BA International Relations with French</b><br>UNMC(R/313/6/0018)10/19  | 3 years full-time | September | RM36,000 per year | RM42,000 per year  |
| <b>BA International Relations with Spanish</b><br>UNMC(R/313/6/0019)10/19 | 3 years full-time | September | RM36,000 per year | RM42,000 per year  |



For more information about our programmes, visit  
[nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

| Entry requirements   |  | English language requirements   |
|--|--|---|
| <b>BA International Relations</b>                                |  | IELTS: 6.5 (with no less than 6.0 in each element)                    |
| <b>A Level</b>   | BBC, excluding critical thinking and general studies.  | TOEFL (iBT): 87 (minimum 20 in Speaking and 19 in all other elements) |
| <b>IB Diploma</b>  | 28 points with 5, 5, 4 at Higher Level.  |   |
| <b>STPM</b>  | B+B+B excluding Pengajian Am.  | PTE (Academic): 62 (with no less than 55 in each element)             |
| <b>UEC</b>   | 1 A and 4 B3s, excluding Bahasa Malaysia and Chinese language.   |   |
| <b>SAM or other Australian Matriculations</b>                    | ATAR 82 (consideration to be made based on relevant subjects).   | GCE A Level English Language or English Literature: grade C           |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b> | 80% average based on 6 subjects (consideration to be made based on relevant subjects).<br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.  | GCE AS Level English Language or English Literature: grade C          |
| <b>Advance Placement (AP)</b>                                    | 4, 4, 3 in relevant subjects. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   | SPM: grade A-   |
| <b>Diploma - Other Institutions</b>                              | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. | 1119 (GCE O): grade B   |
| <b>Foundation - Other Institutions</b>                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.0 (out of 4) or 70% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.   | GCSE O-Level: grade C   |
| <b>University of Nottingham Malaysia Foundation</b>              | Successful completion of the Foundation in Arts and Education or Business and Management programme.  | IGCSE (first language): grade C                                       |
|  |  | IGCSE (second language): grade B                                      |
|  |  | MUET: Band 4  |
|  |  | UEC: grade A2   |
|  |  | IB English A1 or A2 (Standard or Higher Level): 4 points              |
|  |  | IB English B (Higher Level): 4 points                                 |
|  |  | IB English B (Standard Level): 5 points                               |

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 124.

| Entry requirements  |  | English language requirements   |
|---|--|---|
| <b>BA International Relations with a language</b>   |  | IELTS: 6.5 (with no less than 6.0 in each element)                    |
| <b>Applicants for degree programmes with a language minor must have no prior knowledge of that language</b> |  | TOEFL (iBT): 87 (minimum 20 in Speaking and 19 in all other elements) |
| <b>A Level</b>  | BBB, excluding critical thinking and general studies.  | PTE (Academic): 62 (with no less than 55 in each element)             |
| <b>IB Diploma</b>   | 30 points with 5, 5, 5 at Higher Level.  |   |
| <b>STPM</b>   | B+B+B+, excluding Pengajian Am.  | GCE A Level English Language or English Literature: grade C           |
| <b>UEC</b>  | 2 As and 3 B3s, excluding Bahasa Malaysia and Chinese language.  |   |
| <b>SAM or other Australian Matriculations</b>   | ATAR 86 (consideration to be made based on relevant subjects).   | GCE AS Level English Language or English Literature: grade C          |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b>  | 80% average based on 6 subjects (consideration to be made based on relevant subjects).<br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.  |   |
| <b>Advance Placement (AP)</b>   | 4, 4, 4 in relevant subjects. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   | SPM: grade A-   |
| <b>Diploma - Other Institutions</b>   | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. | 1119 (GCE O): grade B   |
| <b>Foundation - Other Institutions</b>  | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.  | GCSE O-Level: grade C   |
| <b>University of Nottingham Malaysia Foundation</b>   | Successful completion of the Foundation in Arts and Education or Business and Management programme.  | IGCSE (first language): grade C                                       |
|   |  | IGCSE (second language): grade B                                      |
|   |  | MUET: Band 4  |
|   |  | UEC: grade A2   |
|   |  | IB English A1 or A2 (Standard or Higher Level): 4 points              |
|   |  | IB English B (Higher Level): 4 points                                 |
|   |  | IB English B (Standard Level): 5 points                               |

Students who do not meet these entry requirements may be considered on a case-by-case basis. Please see our entry requirement guidelines on page 124.

#### Related programmes

BA International Communication Studies (page 69)

## BA International Relations

### BA International Relations with French/Spanish

International relations studies the complex relations between states and international organisations in areas such as economics, law, politics and security. Our programme offers a balance between theory and practice. 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 one

#### Typical core modules

- Approaches to Global Politics
- Governing the World
- Introduction to European Union Politics
- Power and Contest: Living in a Political World

#### Typical optional modules

- Beginners French/Spanish\*
- Contemporary Economic Policy
- Cultures of Everyday Life
- Entrepreneurship and Business
- Mass Media
- People, Work and Organisations
- The Individual 2: Individual Differences
- The Making of Modern Asia

### Year two

#### Typical core modules

- Global Political Economy and International Development
- International Relations of the Asia Pacific
- International Security
- The Contemporary World Since 1945

#### Typical optional modules

- Cultural Politics
- Global Media and Communication
- Intermediate French/Spanish\*
- People, Groups and Society
- Political Communication, Public Relations and Propaganda
- Understanding the Malay World

### Year three

#### Typical core modules

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

#### Typical optional modules

- Advanced French/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
- Politics and International Relations of the Middle East
- Regionalism in World Politics: The Case of ASEAN

\*International relations with a language students only.



# Engineering

|   |    |
|---|----|
| Chemical and Environmental Engineering              | 82 |
| Civil Engineering                                   | 86 |
| Electrical and Electronic Engineering               | 90 |
| Mathematical Sciences                               | 95 |
| Mechanical, Materials and Manufacturing Engineering | 95 |



Prove it



Apply it



Realise it



Investigate it

## Mathematical Sciences

### Mathematics and Management?

The ability to reason quantitatively and logically lies at the heart of many management decisions. This programme is designed to equip students with the skills needed to succeed in a wide range of business and management careers.

This degree is designed for a comprehensive education in mathematics, probability and statistics integrated with the theory and practice of business management and entrepreneurship. No previous knowledge of management or business studies is assumed.

### How will I study?

Our programme is carefully designed to allow you to acquire the high level of cognition required to comprehend complex mathematical theories and rules, as well as the fundamentals of management and the most recent trends in business thinking. The joint disciplinary nature of the programme appeals to students who are mathematically inclined and who also wish to develop a knowledge of management topics such as human resources management, marketing, company finance and strategic management.

The Mathematics and Management programme is evenly divided between the two main subject areas, except in the first year when mathematics accounts for two-thirds of the programme. It draws upon the expertise of both the School of Mathematical Sciences

and Nottingham University Business School (NUBS).

### Industrial training

Although industrial training is not a compulsory module under the current programme structure, students are encouraged to look for a placement opportunity during the summer vacation after the second year of study. Industrial training provides a great way to help students to identify top career prospects and enhance their soft skills.

### Professional accreditation

Specific pathways within this programme are accredited by the Royal Statistical Society (RSS) as being of the appropriate breadth and depth to provide a foundation for a career as a professional statistician. Successful completion of these pathways (achieving second class honours or better) automatically qualifies you for the RSS Graduate Statistician (GradStat) status. This award is a stepping stone to full professional membership of the RSS and the Chartered Statistician (CStat) award. More details can be found on the Royal Statistical Society website.

The School has an agreement with the Institute and Faculty of Actuaries, under which students who obtain an average of more than 60% in any of the following combinations of modules will gain exemption from subject CT3 Probability and Mathematical Statistics.



### At a glance

- In the latest QS World University Ranking, the University of Nottingham is amongst the top 100 in Statistics and Operation Research.
- Specific pathways within this programme are accredited by the Royal Statistical Society (RSS) as being of the appropriate breadth and depth to provide a foundation for a career as a professional statistician.
- Studying mathematics and management programme at the University of Nottingham will expand your mathematical knowledge backed up by sound business awareness, helping you to gain a wide range of problem-solving skills, which will help you to become a sought-after graduate wherever there is a call for logical thinking and statistical or strategic managerial knowledge.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

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- UoNMalaysia
- UoNMalaysia
- [nottingham.edu.my](http://nottingham.edu.my)

G11PRB Probability  
G11STA Statistics  
G12PMM Probability Models and Methods

or

G11PRB Probability  
G12SMM Statistical Models and Methods  
G12PMM Probability Models and Methods

## Career prospects

This programme is a joint honours degree offered in conjunction with Nottingham University Business School. It prepares students for careers in finance, commerce, the professions in mathematical and statistical modelling, and education. Students may choose to undergo further specialist training to qualify as actuaries and teachers, or work in areas such as insurance, research and development, administration and management.

This degree provides careers-related skills development, and it is also an excellent preparation for PhD study.

Our mathematics and management degree equips students with analytical and managerial skills that are the most in-demand in the global job market.

| BSc (Hons)   | Duration             | Intake    | Malaysian fees       | International fees   |
|--|----------------------|-----------|----------------------|----------------------|
| <b>BSc Mathematics and Management</b><br>KPT/JPS(N/461/6/0010)4/22 | 3 years<br>full-time | September | RM37,000<br>per year | RM45,500<br>per year |

| Entry requirements   |   | English language requirements  |
|--|---|--|
| <b>A Level</b>   | BBB, including mathematics, excluding critical thinking and general studies.  | IELTS: 6.5 (with no less than 6.0 in each element)   |
| <b>IB Diploma</b>  | 30 points with 5, 5, 5 at Higher Level, including mathematics.  | TOEFL (iBT): 87 (minimum 20 in Speaking and 19 in all other elements)  |
| <b>STPM</b>  | B+B+B+, including mathematics, excluding Pengajian Am.  |  |
| <b>UEC</b>   | 2 As including mathematics and grade B3 in 3 further academic subjects, excluding Bahasa Malaysia and Chinese language.   | PTE (Academic): 62 (with no less than 55 in each element)  |
| <b>SAM or other Australian Matriculations</b>                    | ATAR 86 including mathematics and other relevant subjects.  | GCE A Level English Language or English Literature: grade C  |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b> | 80% average based on 6 subjects with at least 70% in Advanced Functions and Calculus and Vectors. Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.                               | GCE AS Level English Language or English Literature: grade C   |
| <b>Advance Placement (AP)</b>                                    | 4, 4, 4, including AP Calculus. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.  | SPM: grade A-<br><br>1119 (GCE O): grade B   |
| <b>Diploma - Other Institutions</b>                              | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. | GCSE O-Level: grade C<br><br>IGCSE (first language): grade C   |
| <b>Foundation - Other Institutions</b>                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. | IGCSE (second language): grade B<br><br>MUET: Band 4<br><br>UEC: grade A2  |
| <b>University of Nottingham Malaysia Foundation</b>              | Successful completion of the Foundation in Engineering programme with a minimum of 60% in all mathematics modules.  | IB English A1 or A2 (Standard or Higher Level): 4 points<br><br>IB English B (Higher Level): 4 points<br><br>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 124.

## BSc Mathematics and Management

In each year of the Honours programme, students must take modules accruing 120 credits. In the first year, 80 of these credits are in mathematics and 40 credits in management studies. In the second and third years, the students take 60 credits in each of the two disciplines.

During the first year (qualifying year), students will study core mathematics with modules in analytical and computational foundations, calculus and linear mathematics, as well as modules in probability and statistics. In the management studies, students take modules such as work and society, business economics and organisational behaviour.

In the second and third years, the focus will equally split between mathematics and management, with the opportunity to study a range of optional modules so much so that students can tailor the programme to their own interests.

### Year one

#### Typical core modules

- Analytical and Computational Foundations
- Business Economics
- Calculus
- Linear Mathematics
- Organisational Behaviour
- Probability
- Statistics
- Work and Society

### Year two

#### Typical core modules

- Differential Equations and Fourier Analysis
- Human Resource Management with International Perspectives
- Probability Models and Methods
- Statistical Models and Methods
- Technology and Organisation
- Vector Calculus

#### Typical optional modules

- Consumers and Market
- Entrepreneurship: Theory and Practices
- Fundamentals of Financial and Management Accounting
- International Business
- Managing Operations in the Digital Enterprise
- Marketing Management

### Year three

#### Typical core modules

- Business Ethics and Sustainability
- Statistical Inference
- Stochastic Models
- Strategic Management
- Time Series Analysis

#### Typical optional modules

- Consumers and Market
- Entrepreneurship: Theory and Practices
- Finance in the Global Market
- Fundamentals of Financial and Management Accounting
- International Business
- Managing Operations in the Digital Enterprise
- Marketing Management
- New Venture Creation

# Chemical and Environmental Engineering

## What is chemical engineering?

Chemical engineering can be defined as the processing of materials on a commercial scale, ranging from traditional commodities and utilities through to modern, high added-value products. This involves the integration of engineering principles and applications with chemistry and other sciences.

Chemical engineers work in a range of companies manufacturing products as diverse as bulk chemicals, drinks, fine chemicals, food, petroleum products, pharmaceuticals and synthetic fabrics. Their job is to transform raw materials into useful products with a minimum environmental impact. Our Chemical Engineering with Environmental Engineering programme is intended to equip you with the skills to specialise in environmental aspects of the discipline.

## How will I study?

The BEng and MEng degree programmes have common first, second and third years, with all students following the same programme of study for three years. At the end of your second year, you can choose to continue for either a three-year BEng degree or a four-year MEng degree. Both the BEng and MEng will provide you with the same core skills but by choosing to study for the MEng, you

will undertake a more substantial project with greater opportunity for specialisation and experience of research methods. We strongly recommend the MEng route if you wish to pursue an engineering career.

## Industrial training

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

## Professional accreditation

Our MEng programme is accredited by the Board of Engineers Malaysia (BEM) and is recognised under the Washington Accord. The MEng degree is also accredited by the Institution of Chemical Engineers as fully satisfying the educational base for a Chartered Engineer (CEng). Our BEng programme is accredited by the Institution of Chemical Engineers as partially satisfying the educational base for a Chartered Engineer (CEng).



### At a glance

- Chemical engineering has been established at the University of Nottingham for over 50 years
- In the Guardian University Guide 2019, we are ranked second in the UK
- We have a long history of collaboration with industry, and graduates gain jobs with major companies such as ExxonMobil, Shell and Unilever.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

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- [nottingham.edu.my/make-an-enquiry](http://nottingham.edu.my/make-an-enquiry)
- UoNMalaysia
- UoNMalaysia
- [nottingham.edu.my/engineering/chemical](http://nottingham.edu.my/engineering/chemical)

## Career prospects

With our unique combination of chemical and environmental engineering, we are well placed to provide multi-skilled graduates the opportunity 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 benefitting from the technical and problem-solving skills you will have acquired. Additionally, the chemical engineering with environmental engineering degree equips 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.



Project work on our programmes allows students to apply what they have learned to solve real industry problems.

| BEng/MEng (Hons)   | Duration          | Intake                 | Malaysian fees    | International fees |
|--|-------------------|------------------------|-------------------|--------------------|
| <b>BEng Chemical Engineering</b><br>KPT/JPS(R/524/6/0059)3/21                                | 3 years full-time | February and September | RM47,500 per year | RM55,500 per year  |
| <b>MEng Chemical Engineering</b><br>KPT/JPS(R/524/6/0059)3/21                                | 4 years full-time | February and September | RM47,500 per year | RM55,500 per year  |
| <b>BEng Chemical Engineering with Environmental Engineering</b><br>KPT/JPS(R/524/6/0058)3/21 | 3 years full-time | February and September | RM47,500 per year | RM55,500 per year  |
| <b>MEng Chemical Engineering with Environmental Engineering</b><br>KPT/JPS(R/524/6/0058)3/21 | 4 years full-time | February and September | RM47,500 per year | RM55,500 per year  |

| Entry requirements  |   | English language requirements  |
|---|---|--|
| A Level   | BBB, including mathematics and either chemistry or physics, excluding critical thinking and general studies.  | IELTS: 6.0 (with no less than 5.5 in each element)   |
| IB Diploma  | 30 points with 5, 5, 5 at Higher Level, including mathematics and either chemistry or physics.  | TOEFL (iBT): 79 (minimum 17 in Writing and Listening, 18 in Reading, 20 in Speaking)   |
| STPM  | B+B+B+, including mathematics and either chemistry or physics, excluding Pengajian Am.  | PTE (Academic): 55 (with no less than 51 in each element)  |
| UEC   | 2 As including mathematics and either chemistry or physics, and grade B3 in 3 further academic subjects, excluding Bahasa Malaysia and Chinese language.  | GCE A Level English Language or English Literature: grade C  |
| SAM or other Australian Matriculations                    | ATAR 86 including mathematics and either chemistry or physics.  | GCE AS Level English Language or English Literature: grade C   |
| Canadian Ontario Grade 12 Secondary School Diploma (OSSD) | 80% average based on 6 subjects, including Advanced Functions, Calculus and Vectors and relevant science subjects. Consideration to be made based on relevant individual grades if specific subjects are required.<br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements. | SPM: grade B+  |
| Advance Placement (AP)                                    | 4, 4, 4, including AP Calculus and AP Chemistry or AP Physics. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   | 1119 (GCE O): grade C<br>GCSE O-Level: grade C   |
| Diploma - Other Institutions                              | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.                                      | IGCSE (first language): grade C<br>IGCSE (second language): grade B  |
| Foundation - Other Institutions                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.   | MUET: Band 3<br>UEC: grade B3  |
| University of Nottingham Malaysia Foundation              | Successful completion of the Foundation in Engineering programme.   | IB English A1 or A2 (Standard or Higher Level): 4 points<br>IB English B (Higher Level): 4 points<br>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 124.

## Related programmes

BSc Biomedical Sciences (page 102)

BSc Environmental Science (page 113)

BSc Pharmaceutical and Health Sciences (page 118)

MPharm Pharmacy (page 118)

## BEng/MEng Chemical Engineering

### BEng/MEng Chemical Engineering with Environmental Engineering

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

#### Year one

##### Typical core modules

- Chemistry for Engineers
- Fluid Mechanics
- Fundamentals of Engineering Design
- Introductory Geology
- Mathematical Methods for Chemical and Environmental Engineering
- Process Engineering Principles
- Thermodynamics and Heat Transfer

#### Year two

##### Typical core modules

- Advanced Mathematical Methods for Chemical and Environmental Engineering
- Analytical Measurement
- Chemical and Phase Equilibrium
- Environmental Assessment\*\*
- Interfacial Chemistry\*
- Materials and Sustainable Processes
- Process Design and Control
- Process Engineering Project\*
- Separation and Particle Technology

#### Year three

##### Typical core modules

- Air Pollution\*\*
- Biochemical Engineering\*
- Industrial Process Analysis\*
- Multi-Component Separations and Transport Processes
- Plant Design and Project Management
- Process Engineering Laboratories
- Process Simulation 1
- Reactor Design and Process Control
- Water Treatment\*\*

#### Year four (MEng only)

##### Typical core modules

- MEng Project

##### Typical optional modules

- Advanced Biochemical Engineering\*
- Advanced Computational Methods
- Advanced Environmental Assessment
- Advanced Process Control
- Advanced Reaction Engineering
- Advanced Rheology and Materials
- Air Pollution 2\*\*
- Contaminated Land\*\*
- Food Processing Technology
- Fats and Oils Processing Technology
- Industrial Dehydration
- Multiphase Systems
- Nanotechnology
- Palm Oil and Oleochemicals
- Petroleum Refining and Gas Processing
- Power Generation and Carbon Capture
- Process Design and Optimisation
- Process Synthesis and Design
- Professional Engineer in Society
- Statistical Process Control and Quality Management\*
- Water Treatment Engineering\*\*

\* Chemical Engineering students only.

\*\* Chemical Engineering with Environmental Engineering students only.

## Civil Engineering

### What is civil engineering?

Every day we rely on some aspect of civil engineering to enable us to live our lives. As a civil engineer you will be socially aware and interested in working with people to solve problems and meet challenges. Whether it is building the Millau Viaduct in southern France, the London Eye, the Petronas Towers in Kuala Lumpur or life-saving water treatment plants in developing countries, civil engineering is the core discipline that enables such projects to happen.

Civil engineers must consider many factors in the design process, from the construction costs and expected lifetime of a project to government regulations and potential environmental hazards such as earthquakes. Touching just about every kind of structure you can think of – bridges, roads, skyscrapers, tunnels, water supply facilities and even the coast and flood defences that protect homes – civil engineering is fundamental to the world around us and underpins a modern society.

### How will I study?

The BEng and MEng degree programmes have common first and second years, with all students following the same programme of study for two years. At the end of your second year you can choose to continue for either a three-year BEng degree or four-year MEng

degree. Both the BEng and MEng will provide you with the same core skills but by choosing to study for the MEng you will undertake a more substantial project with greater opportunity for specialisation and experience of research methods. We strongly recommend the MEng route if you wish to pursue an engineering career.

### Industrial training

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

### Professional accreditation

Our MEng programme is accredited by Board of Engineers Malaysia for meeting the minimum academic requirements for registration as a graduate engineer with the Board of Engineers, Malaysia (BEM). The MEng degree is also accredited by the Joint Board of Moderators (Institution of Civil Engineers,



### At a glance

- 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).
- Our programme is informed by the world leading research that ranked the Faculty of Engineering 3rd in the UK for research power in engineering in the Research Excellence Framework 2014.
- You will follow the same high-quality degree curriculum that has helped civil engineering at University of Nottingham, UK, to be consistently rated among the top civil engineering departments in the UK.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)



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UNMC.civil



UoNMalaysia



[nottingham.edu.my/engineering/civil](http://nottingham.edu.my/engineering/civil)

Institution of Structural Engineers, Institute of Highway Engineers and Chartered Institution of Highways and Transportation) as fully satisfying the educational base for a Chartered Engineer (CEng). Our BEng programme is accredited by Joint Board of Moderators as partially satisfying the educational base for a Chartered Engineer (CEng).

## Career prospects

Civil engineers are needed all over the world in construction, design and management positions. By the end of the programme 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.

Achieve a qualification in Civil Engineering with extremely high graduate employment rates.



| BEng/MEng (Hons)  | Duration             | Intake    | Malaysian fees       | International fees   |
|---|----------------------|-----------|----------------------|----------------------|
| <b>BEng Civil Engineering</b><br>UNMC (R/526/6/0076)10/19 | 3 years<br>full-time | September | RM47,500<br>per year | RM55,500<br>per year |
| <b>MEng Civil Engineering</b><br>UNMC (R/526/6/0076)10/19 | 4 years<br>full-time | September | RM47,500<br>per year | RM55,500<br>per year |

| Entry requirements   |  | English language requirements  |
|--|--|--|
| <b>A Level</b>   | BBB, including mathematics and physics, excluding critical thinking and general studies.   | IELTS: 6.0 (with no less than 5.5 in each element)   |
| <b>IB Diploma</b>  | 30 points with 5, 5, 5 at Higher Level, including mathematics and physics.   | TOEFL (iBT): 79 (minimum 17 in Writing and Listening, 18 in Reading, 20 in Speaking)   |
| <b>STPM</b>  | B+B+B+, including mathematics and physics, excluding Pengajian Am.   | PTE (Academic): 55 (with no less than 51 in each element)  |
| <b>UEC</b>   | 2 As including mathematics and physics, and grade B3 in 3 further academic subjects, excluding Bahasa Malaysia and Chinese language.   | GCE A Level English Language or English Literature: grade C  |
| <b>SAM or other Australian Matriculations</b>                    | ATAR 86 including mathematics and physics.   | GCE AS Level English Language or English Literature: grade C   |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b> | 80% average based on 6 subjects, including Advanced Functions, Calculus and Vectors and relevant science subjects. Consideration to be made based on relevant individual grades if specific subjects are required. Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements. | SPM: grade B+  |
| <b>Advance Placement (AP)</b>                                    | 4, 4, 4, including AP Calculus and AP Physics. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.  | 1119 (GCE O): grade C<br>GCSE O-Level: grade C   |
| <b>Diploma - Other Institutions</b>                              | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.                                   | IGCSE (first language): grade C<br>IGCSE (second language): grade B  |
| <b>Foundation - Other Institutions</b>                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.  | MUET: Band 3<br>UEC: grade B3  |
| <b>University of Nottingham Malaysia Foundation</b>              | Successful completion of the Foundation in Engineering programme.  | IB English A1 or A2 (Standard or Higher Level): 4 points<br>IB English B (Higher Level): 4 points<br>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 124.

## 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 programmes, 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 programme 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 programme. Typical projects include highway schemes, retail parks, residential complex development and water works.

### Year one

#### Typical core modules

- Geotechnics 1
- Group Design Project
- Hydraulics 1
- Mathematical Methods for Civil Engineering
- Portfolio of Civil Engineering Studies
- Structural Analysis 1

### Year two

#### Typical core modules

- Advanced Mathematical Methods for Civil Engineering
- Fundamentals of Materials
- Geotechnics 2
- Hydraulics 2
- Portfolio for Civil Engineering Studies
- Steel Design Project
- Structural Analysis 2

### Year three

#### Typical core modules

- Building Information Modelling (BIM) Project
- Geotechnics 3
- Hydraulics Design and Experimentation
- Industrial Training (MEng only)
- Investigative Project (BEng only)
- Structural Concrete Design

#### Typical optional modules

- Advanced Properties of Concrete
- Applied Construction Project Management
- Coastal Engineering
- Traffic Engineering

### Year four (MEng only)

#### Typical core modules

- Group Design Project
- Investigative Project

#### Typical optional modules

- Advanced Structural Design
- Dynamics and Wind Engineering
- Finite Element Analysis in Structural Mechanics
- Geotechnical Modelling
- Highway and Pavement Design
- Railway Technology
- Sustainable Construction and Life Cycle Analysis

## Electrical and Electronic Engineering

### What is electrical and electronic engineering?

Electrical and electronic engineering continues to transform the way we live – from the latest consumer products through to sophisticated scientific and industrial technologies. It can form a platform for many different disciplines ranging from renewable energy to nanotechnology and provide you with a thorough grounding in both academic and practical aspects.

Our programmes enable you to specialise in a particular branch of the subject dependent upon your interests and talents. One of these branches, **mechatronic engineering**, is a professional discipline that encompasses electrical, electronic and mechanical engineering with intelligent embedded control. Mechatronic engineers explore and utilise new technologies in automation and robotics to allow tasks in hazardous environments or precise positioning to be accomplished for the benefits of health, safety, society and economy.

### How will I study?

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



Lectures, practical laboratory sessions and project work are supplemented by problem-solving workshops and tutorials. Additionally you will undertake independent work and complete necessary reading in preparation for writing reports and laboratory experiments. You will be assessed through a range of methods including coursework, dissertation and oral presentations, as well as tests and examinations.

### Industrial training

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

### At a glance

- A Nottingham degree has a high reputation within the electrical and electronic engineering industry, opening up a world of opportunity and prospects.
- Our programmes will equip you with a variety of skills that allow for adaptation and improvisation in the fast-changing world of technology.
- 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 and Schwarz, Significant Technologies, and Telekom Malaysia.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)



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## Professional accreditation

All of our BEng and MEng undergraduate programmes are fully accredited by the Institution of Engineering and Technology (IET). Our MEng programmes are also currently accredited by the Board of Engineers Malaysia (BEM).

## Career prospects

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.



| BEng/MEng (Hons)   | Duration          | Intake    | Malaysian fees    | International fees |
|--|-------------------|-----------|-------------------|--------------------|
| <b>BEng Electrical and Electronic Engineering</b><br><small>KPT/JPS (R/523/6/0238)3/20</small> | 3 years full-time | September | RM47,500 per year | RM55,500 per year  |
| <b>MEng Electrical and Electronic Engineering</b><br><small>KPT/JPS (R/523/6/0238)3/20</small> | 4 years full-time | September | RM47,500 per year | RM55,500 per year  |
| <b>BEng Mechatronic Engineering</b><br><small>KPT/JPS(R/523/6/0276)3/21</small>                | 3 years full-time | September | RM47,500 per year | RM55,500 per year  |
| <b>MEng Mechatronic Engineering</b><br><small>KPT/JPS(R/523/6/0276)3/21</small>                | 4 years full-time | September | RM47,500 per year | RM55,500 per year  |

| Entry requirements  |   | English language requirements  |
|---|---|--|
| A Level   | BBB, including mathematics and physics, excluding critical thinking and general studies.  | IELTS: 6.0 (with no less than 5.5 in each element)   |
| IB Diploma  | 30 points with 5, 5, 5 at Higher Level, including mathematics and physics.  | TOEFL (iBT): 79 (minimum 17 in Writing and Listening, 18 in Reading, 20 in Speaking)   |
| STPM  | B+B+B+, including mathematics and physics, excluding Pengajian Am.  | PTE (Academic): 55 (with no less than 51 in each element)  |
| UEC   | 2 As including mathematics and physics, and grade B3 in 3 further academic subjects, excluding Bahasa Malaysia and Chinese language   | GCE A Level English Language or English Literature: grade C  |
| SAM or other Australian Matriculations                    | ATAR 86 including mathematics and physics.  | GCE AS Level English Language or English Literature: grade C   |
| Canadian Ontario Grade 12 Secondary School Diploma (OSSD) | 80% average based on 6 subjects, including Advanced Functions, Calculus and Vectors and relevant science subjects. Consideration to be made based on relevant individual grades if specific subjects are required.<br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements. | SPM: grade B+  |
| Advance Placement (AP)                                    | 4, 4, 4, including AP Calculus and AP Physics. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   | 1119 (GCE O): grade C<br>GCSE O-Level: grade C   |
| Diploma - Other Institutions                              | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.                                      | IGCSE (first language): grade C<br>IGCSE (second language): grade B  |
| Foundation - Other Institutions                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.   | MUET: Band 3<br>UEC: grade B3  |
| University of Nottingham Malaysia Foundation              | Successful completion of the Foundation in Engineering programme.   | IB English A1 or A2 (Standard or Higher Level): 4 points<br><br>IB English B (Higher Level): 4 points<br><br>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 124.

## 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 programme. 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 one

#### Typical core modules

- Applied Electrical and Electronic Engineering: Construction Project
- Computer Aided Engineering
- Engineering Mathematics
- Information and Systems
- Power and Energy

### Year two

#### Typical core modules

- Contemporary Engineering Themes
- Electrical Energy Conditioning and Control
- Electronic Processing and Communications
- Modelling: Methods and Tools
- Practical Engineering Design Solutions and Project Development

### Year three

- Advanced Engineering Mathematics
- Analogue Electronics
- Digital Communications
- Electrical Machines, Drive Systems and Applications
- Embedded Computing
- Group Project
- Integrated Circuits and Systems
- Mobile Technologies
- Optical Networks
- Power Electronic Applications and Control
- Power Networks
- Professional Studies
- Renewable Energy
- Robotics, Dynamics and Control
- Sensing Systems and Signal Processing
- Systems Engineering

(optional modules may change subject to available expertise)

### Year four (MEng only)

- Advanced AC Drives
- Advanced Control
- Advanced Electrical Machines
- Artificial Intelligence and Intelligent Systems
- Digital Signal Processing
- HDL for Programmable Devices
- High Voltage Engineering
- Industrial/Research Orientated Project
- Microwave, Millimetre and Terahertz Systems
- Optical and Photonics Technology
- RF Electronics

(optional modules may varies subject to available expertise)

## 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 one

#### Typical core modules

- Applied Mechatronic Construction Project
- Engineering Analysis
- Engineering Design and Design Project
- Information, Signals and Computing
- Power and Energy
- Statics and Dynamics for Mechanical Systems

### Year two

#### Typical core modules

- Applied Mechatronic Engineering Project 2
- Design and Manufacture 2
- Electrical Energy Conditioning and Control
- Electronic Processing and Communication
- Modelling: Methods and Tools
- Thermodynamics and Fluid Mechanics

### Year three

- Additive Manufacturing and 3D Printing
- Advanced Dynamics of Machines
- Advanced Mathematical Techniques in Ordinary Differential Equations for Engineers
- Artificial Intelligence System
- Control Systems Design
- Electrical Machines
- Electronic Design
- Embedded Computing
- Energy Conversion for Motor and Generator Drives
- Industrial training
- Introduction to Automotive Technology
- Material Models and Modes of Failure
- Mathematical Techniques in Partial Differential Equations for Engineers
- Mathematics for Engineering Management
- Mechanics of Solid 2
- Mechanics of Solid 3
- Mechatronics Group Project (only for MEng students)
- Mechatronics Laboratory
- Power Electronic Design

- Renewable Generation Technologies and Control
- Risk and Reliability
- Robotics Dynamics and Control
- Thermodynamics and Fluids 2
- Third year project (for BEng students)
- Visual Information Computing

(optional modules may varies subject to available expertise, core modules may be combined to form 20 credits year long modules)

### Year four (MEng only)

- Additive Manufacturing and 3D Printing
- Advanced AC Drives
- Advanced AC Drives with Project
- Advanced Control System Design
- Advanced Control System Design with Project
- Advanced Mathematical Techniques in Ordinary Differential Equations for Engineers
- Advanced Technology Review
- Computer Hardware Design
- DSP for Telecommunications, Multimedia and Instrumentation
- DSP for Telecommunications, Multimedia and Instrumentation with Project
- Elements of Noise Investigation
- Energy Efficiency for Sustainability 2
- HDL for Programmable Logic with Project
- HDL for Programmable Logic
- Industrial Awareness
- Integrated Systems Analysis
- Management Studies 2
- Mathematical Techniques in Partial Differential Equations for Engineers
- Mechanics of Solid 2
- Mechanics of Solid 3
- Mechatronics Individual Project
- Thermodynamics and Fluids 2

(optional modules may varies subject to available expertise, core modules may be combined to form 20 credits year long modules)



### At a glance

- Our close links with the industry, such as Materialise, Dyson, and Panasonic, as well as our research-led teaching ensure that our programmes are well-aligned to the latest technology developments and are relevant to the industry today.
- Our comprehensive, well-structured programme will help you develop your potential to become a world class engineer.
- Our programmes are highly-recognised by the world leading research community whereby the Faculty of Engineering is ranked 3rd in the UK for research power in Engineering in the Research Excellence Framework 2014.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)



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# Mechanical, Materials and Manufacturing Engineering

## What is mechanical engineering?

Mechanical engineering is a uniquely broad-based profession. Mechanical engineers apply their scientific knowledge to solve problems and design machines or systems to help us enjoy a better life. In addition to areas traditionally associated with the discipline, such as aerospace, automotive, manufacturing, and the power engineering 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 clean energy industry.

## How will I study?

The first two years of the BEng and MEng degree programmes are common and at the end of your second year, you can choose to pursue either a three-year BEng degree or a four-year MEng degree, provided you meet the minimum MEng performance benchmark. Both the BEng and MEng options will provide you with the same core skills and knowledge but with the MEng, you will undertake a more substantial project with greater opportunity for specialisation and exposure to relevant research skills and methods in Mechanical Engineering. The wide range of optional modules in your third year (or fourth year for MEng students) allows you to follow specific themes

and to develop areas of expertise and interest along that theme. We strongly recommend the MEng route if you wish to pursue an engineering career.

## Industrial training

Industrial training is compulsory if you pursue the MEng degree. 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 for 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 potential career prospects.

## Professional accreditation

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

## Career prospects

Our graduates commonly hold multiple job offers from some of the world's leading companies in sectors such as:

- Aerospace
- Agriculture
- Automotive
- Biotechnology
- Finance
- Foundries
- Information technology
- Marine
- Medicine
- Mining
- Oil and gas
- Power generation
- Robotics

Typical roles include

- Computer modellers
- Consultants
- Designers
- Maintenance engineers
- Manufacturing engineers
- Project engineers
- Project managers
- Quality control managers plus a whole range of related roles

An undergraduate student working on his experiment at the department's wind tunnel.

| BEng/MEng (Hons)  | Duration             | Intake    | Malaysian fees       | International fees   |
|---|----------------------|-----------|----------------------|----------------------|
| <b>BEng Mechanical Engineering</b><br>KPT/JPS(R/521/6/0125)3/21 | 3 years<br>full-time | September | RM47,500<br>per year | RM55,500<br>per year |
| <b>MEng Mechanical Engineering</b><br>KPT/JPS(R/521/6/0125)3/21 | 4 years<br>full-time | September | RM47,500<br>per year | RM55,500<br>per year |

| Entry requirements   |   | English language requirements  |
|--|---|--|
| <b>A Level</b>   | BBB, including mathematics and physics, excluding critical thinking and general studies.  | IELTS: 6.0 (with no less than 5.5 in each element)   |
| <b>IB Diploma</b>  | 30 points with 5, 5, 5 at Higher Level, including mathematics and physics.  | TOEFL (iBT): 79 (minimum 17 in Writing and Listening, 18 in Reading, 20 in Speaking)   |
| <b>STPM</b>  | B+B+B+, including mathematics and physics, excluding Pengajian Am.  |  |
| <b>UEC</b>   | 2 As including mathematics and physics, and grade B3 in 3 further academic subjects, excluding Bahasa Malaysia and Chinese language.  | PTE (Academic): 55 (with no less than 51 in each element)  |
| <b>SAM or other Australian Matriculations</b>                    | ATAR 86 including mathematics and physics.  | GCE A Level English Language or English Literature: grade C  |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b> | 80% average based on 6 subjects, including Advanced Functions, Calculus and Vectors and relevant science subjects. Consideration to be made based on relevant individual grades if specific subjects are required.<br><br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements. | GCE AS Level English Language or English Literature: grade C<br><br>SPM: grade B+  |
| <b>Advance Placement (AP)</b>                                    | 4, 4, 4, including AP Calculus and AP Physics. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   | 1119 (GCE O): grade C<br><br>GCSE O-Level: grade C   |
| <b>Diploma - Other Institutions</b>                              | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.  | IGCSE (first language): grade C<br><br>IGCSE (second language): grade B  |
| <b>Foundation - Other Institutions</b>                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.   | MUET: Band 3<br><br>UEC: grade B3  |
| <b>University of Nottingham Malaysia Foundation</b>              | Successful completion of the Foundation in Engineering programme.   | IB English A1 or A2 (Standard or Higher Level): 4 points<br><br>IB English B (Higher Level): 4 points<br><br>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 124.

## BEng/MEng Mechanical Engineering

Design is a key integrating element in all years of the programme. You will learn real-world engineering, the importance of communication, team-working skills, and entrepreneurship initiatives, with emphasis for environmental sustainability, a mind-set for lifelong learning, appropriate management principles and business acumen. Engineering science and design are core disciplines in this programme whilst other important areas are control, electronics, IT, manufacturing technology, and mathematics. Project work will form a significant part of your final year. In year three, MEng students undertake a major group project. Up to four students will work as a multidisciplinary team to design, manufacture, and test their prototype, as well as develop a business plan to market their product. All students will undertake an individual project in their final year. The project is commonly experimental, computational or analytical in nature and it will provide a link relating academic understanding, research methods, and professional ethics. You will be able to choose your individual project topic, most of which are based upon real industrial problems.

### Year one

#### Typical core modules

- Engineering Design and Design Project
- Materials and Manufacturing
- Mathematics for Engineers
- Programming, Professional and Laboratory Skills
- Statics and Dynamics
- Thermodynamics and Fluid Mechanics 1

### Year two

#### Typical core modules

- Advanced Mathematics and Statistics for Mechanical Engineers
- Design, Manufacture and Project
- Dynamics and Control
- Electromechanical Devices
- Management and Professional Studies
- Materials in Design
- Mechanics of Solids
- Thermodynamics and Fluid Mechanics 2

### Year three (BEng and MEng)

#### Typical core modules

- Computer Modelling Techniques
- Group Design and Make (MEng only)
- Individual Project (BEng only)
- Management and Professional Practice

## Year four (MEng only)

#### Typical core modules

- Advanced Technology Review
- Individual Project
- Integrated Systems Analysis

#### Typical optional modules (for year three and year four)

- Additive Manufacturing and 3D Printing
- Advanced Dynamics
- Advanced Mathematical Techniques in Ordinary Differential Equations for Engineers
- Air Pollution
- Aircraft Propulsion System
- Computer Aided Engineering
- Computational Fluid Dynamics
- Conservation and Recycling of Materials
- Control and Instrumentation
- Fibre Reinforced Composites Engineering
- Finite Element Analysis
- Internal Combustion Engine
- International Business
- International Business Environment
- Introduction to Aerospace Technology
- Introduction to Automotive Technology
- Lean Manufacturing
- Making Metals Perform
- Mathematics for Engineering Management
- Mathematical Techniques in Partial Differential Equations for Engineers
- Marketing Management
- Polymer Engineering
- Risk and Reliability
- Robotics and Automation Technology
- Stress Analysis Techniques
- Technology and Organisation Development
- Thermofluids

# Science

|   |     |
|---|-----|
| Biomedical Sciences                     | 100 |
| Biosciences                             | 103 |
| Computer Science                        | 107 |
| Environmental and Geographical Sciences | 111 |
| Pharmacy                                | 114 |
| Psychology                              | 119 |



Prove it

Apply it

Discover it

Analyse it

## Biomedical Sciences

### What is biomedical sciences?

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

### How will I study?

From the outset of the biomedical sciences programme, 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

Our MQA-approved 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 development in laboratories of institutions such as in the pharmaceutical industry and universities. As a medical technologist under the allied health profession, you are able to assist in medical diagnosis in the public health services sector. 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 and critical thinking, as well as learnability.

### Graduate entry into medicine

If you are seeking to pursue medicine, you can apply for graduate entry medicine following completion of our biomedical sciences degree. The scientific knowledge and skills developed during our programme prepares a student well to proceed onto a medical programme.



### At a glance

- Our innovative programme 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.
- The Department of Biomedical Sciences has a reputation for powerful, research informed teaching.
- We offer plenty of opportunities for academic involvement beyond the official curriculum, including research seminars, talks and workshops by visiting academics and professionals including our own successful alumni, insight visits to research and healthcare institutions, clinical rotational placements in industry and summer research internships.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)



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UNMBiomedicalSciences



UoNMalaysia

[nottingham.edu.my/biomedicalsciences](http://nottingham.edu.my/biomedicalsciences)

| BSc (Hons)   | Duration             | Intake    | Malaysian fees       | International fees   |
|--|----------------------|-----------|----------------------|----------------------|
| <b>BSc Biomedical Sciences</b><br>KPT/JPS(R/545/6/0079)10/21 | 3 years<br>full-time | September | RM45,000<br>per year | RM53,000<br>per year |

| Entry requirements   |  | English language requirements  |
|--|--|--|
| <b>A Level</b>   | BBB, including biology and chemistry, excluding critical thinking and general studies.   | IELTS: 6.5 (with no less than 6.0 in each element)   |
| <b>IB Diploma</b>  | 30 points with 5, 5, 5 at Higher Level including biology, chemistry and another relevant subject.  | TOEFL (iBT): 87 (minimum 20 in Speaking and 19 in all other elements)  |
| <b>STPM</b>  | B+B+B+ including biology and chemistry, excluding Pengajian Am.  |  |
| <b>UEC</b>   | 2 As including biology and chemistry and grade B3 in 3 further academic subjects, excluding Bahasa Malaysia and Chinese language.  | PTE (Academic): 62 (with no less than 55 in each element)  |
| <b>SAM or other Australian Matriculations</b>                    | ATAR 86 including biology and chemistry.   | GCE A Level English Language or English Literature: grade C  |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b> | 80% average based on 6 subjects including biology and chemistry. Consideration to be made based on relevant individual grades if specific subjects are required. Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements. | GCE AS Level English Language or English Literature: grade C<br><br>SPM: grade A-  |
| <b>Advance Placement (AP)</b>                                    | 4, 4, 4, including AP Biology and AP Chemistry. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   | 1119 (GCE O): grade B<br><br>GCSE O-Level: grade C   |
| <b>Diploma - Other Institutions</b>                              | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.                                  | IGCSE (first language): grade C<br><br>IGCSE (second language): grade B  |
| <b>Foundation - Other Institutions</b>                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.                                  | MUET: Band 4<br><br>UEC: grade A2  |
| <b>University of Nottingham Malaysia Foundation</b>              | Successful completion of the Foundation in Science programme.  | IB English A1 or A2 (Standard or Higher Level): 4 points<br><br>IB English B (Higher Level): 4 points<br><br>IB English B (Standard Level): 5 points |

In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE High School Diploma or equivalent must have grade B in relevant mathematics and at least credit in related science subjects.

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 124.

### Related programmes

BSc Biotechnology (page 105)

BSc in Nutrition (page 106)

BSc Pharmaceutical and Health Sciences (page 118)

MPharm Pharmacy (page 118)

## BSc Biomedical Sciences

During your first year, you will gain a broad coverage in biomedical sciences. You will be introduced to key systems and pathways in the human body and be able to relate these to diseases. Your second year will focus on scientific research techniques, including modules on drug usage and their mechanisms of action. During summer vacation before your final year, you will be placed on a clinical rotation across different healthcare laboratories, gaining real-working experience in areas of amongst others, haematology, chemical pathology, histopathology and cytology. Specialised modules in your final year will present you with current content in, and future directions of, medical and health sciences.

You will also complete an independent research project, which will develop your laboratory, data analysis and critical thinking skills. You will also have the exchange opportunity to study at our UK campus during your three years with us.

### Year one

#### Typical core modules

- Applied Genetics
- Core Skills in Biomedical Sciences
- Fundamentals of Neuroscience
- Genes and Cells
- Human Physiology
- Microbial Physiology
- Scientific Basis of Medicine
- Pathology

### Year two

#### Typical core modules

- Microbial Mechanisms of Food Borne Disease
- Neurobiology of Disease
- Pharmacological Basis of Therapeutics
- Structure, Function and Analysis of Genes
- Structure, Function and Analysis of Proteins
- Signalling and Metabolic Regulation
- Summer Industrial Internship

### Year three

#### Typical core modules

- Biochemistry of Diseases
- Cancer Biology
- Concepts of Pharmacogenetics
- Final Year Research Project
- Principles of Immunology
- Therapeutic Immunology



## Biosciences

### At a glance

- In addition to key professional skills, you will have the option to study a range of modules related to your subject area so you can explore your interests before specialising.
- Our presence in Malaysia enables us to conduct research to address global challenges of the 21st century, including food and nutrition insecurity and human health in a changing world.
- The School of Biosciences is recognised globally for its excellent teaching and research in the fundamental and applied biological sciences.
- We have very strong links with our colleagues in the UK, and you will have the opportunity to study in the UK if you wish.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

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### What is Bioscience?

Bioscience is a rich and diverse field of study that covers all aspects of life. At Nottingham, we offer undergraduate programmes in biotechnology and nutrition. An understanding of basic principles such as genetics, biochemistry, microbiology, animal and plant physiology and food chemistry will be central to finding solutions to food security and sustainable livelihoods.

Biotechnology improve living organisms using cutting edge technologies. Nutritionists study composition and function of food and how food interacts with our body.

### How will I study?

Our programme is taught in modules with a range of knowledge and skills. After the first year of study, students have an option to participate in industrial placements. In the final year, students will complete an independent research project with guidance from an academic supervisor. The campus mobility program allows students to study one or two semesters in the UK campus.

### Career prospects

Our graduates have high employability rates in well paid jobs in Malaysia and abroad. Biotechnology graduates found employment as research scientists in laboratories, hospitals and manufacturing plants. Nutrition students choose to work in food processing plants or pursue a career as public health nutrition consultants. Some students pursued their dream in advocacy, consultancy, teaching and postgraduate studies.

| BSc (Hons)  | Duration          | Intake    | Malaysian fees    | International fees |
|---|-------------------|-----------|-------------------|--------------------|
| <b>BSc Biotechnology</b><br>UNMC(R/545/6/0040)10/19 | 3 years full-time | September | RM45,000 per year | RM53,000 per year  |
| <b>BSc Nutrition</b><br>UNMC(R/545/6/0041)10/19     | 3 years full-time | September | RM41,500 per year | RM46,000 per year  |

| Entry requirements   |  | English language requirements  |
|--|--|--|
| <b>A Level</b>   | BBC, including biology and chemistry, excluding critical thinking and general studies.   | IELTS: 6.0 (with no less than 5.5 in each element)                                   |
| <b>IB Diploma</b>  | 28 points with 5, 5, 4 at Higher Level, including biology and chemistry.   | TOEFL (iBT): 79 (minimum 17 in Writing and Listening, 18 in Reading, 20 in Speaking) |
| <b>STPM</b>  | B+B+B including biology and chemistry, excluding Pengajian Am.   | PTE (Academic): 55 (with no less than 51 in each element)                            |
| <b>UEC</b>   | 1 As and 4 B3s, including biology and chemistry, excluding Bahasa Malaysia and Chinese language.   | GCE A Level English Language or English Literature: grade C                          |
| <b>SAM or other Australian Matriculations</b>                    | ATAR 82 including biology and chemistry.   | GCE AS Level English Language or English Literature: grade C                         |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b> | 80% average based on 6 subjects including biology and chemistry. Consideration to be made based on relevant individual grades if specific subjects are required. Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.                 | SPM: grade B+  |
| <b>Advance Placement (AP)</b>                                    | 4, 4, 3, including AP Biology and AP Chemistry. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   | 1119 (GCE O): grade C  |
| <b>Diploma - Other Institutions</b>                              | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. | GCSE O-Level: grade C  |
| <b>Foundation - Other Institutions</b>                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.0 (out of 4) or 70% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.   | IGCSE (first language): grade C  |
| <b>University of Nottingham Malaysia Foundation</b>              | Successful completion of the Foundation in Science programme.  | IGCSE (second language): grade B   |
|  |  | MUET: Band 3   |
|  |  | 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  |

In addition to the entry requirements listed above, those who have taken SPM/ GCSE/IGCSE High School Diploma or equivalent must have grade B in relevant mathematics and at least credit in related science subjects.

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 124.

## Related programmes

BEng/MEng Chemical Engineering (page 85)  
BEng/MEng Chemical Engineering with Environmental Engineering (page 85)

## BSc Biotechnology

Biotechnology aims to apply the latest molecular approaches to develop technologies and novel products to address modern-day problems in food production, healthcare, industrial and environmental sectors. This degree emphasises on applications of recent biotechnological advances to reduce hunger, combat diseases, produce cleaner energy and to develop more efficient manufacturing processes. Topics covered include genomics and proteomics, genetic engineering and modifications of microorganisms, crops and animals, detection of food pathogens and development of novel industrial products, nutraceuticals and pharmaceuticals. The programme allows a high degree of specialisation into various areas of biotechnology in years two and three. Specialist areas include plant, microbial/industrial, medical/pharmaceutical biotechnology. The programme includes an optional industrial placement in year 2, which will enable you to gain industry experience, crucial for your career development and employment. In year 3, you will carry out a research project which will help to develop specialist knowledge in an area of your choice and transferable skills including data analysis and presentation, effective communication and independent thinking.

## Year one

### Typical core modules

- Animal Biology
- Applied Genetics
- Biochemistry: The Building Blocks of Life
- Bioscience Tutorials (Academic Development)
- Genes and Cells
- Introductory Physiology
- Microbes and You
- Microbial Physiology
- Plant Science
- The Biosciences and Global Food Security

## Year two

### Typical core modules

- Industrial Biotechnology
- Molecular Biology and the Dynamic Cell
- Molecular Pharming and Biotechnology
- Professional Skills for Bioscientists

### Typical optional modules

- Applied Plant Physiology: From Cell to Crop
- Biochemical Engineering
- Introductory Plant Pathology
- Microbial Mechanisms of Foodborne Diseases
- Molecular Techniques in Biosciences
- Principles of Immunology
- Structure, Function and Analysis of Genes
- Structure, Function and Analysis of Proteins

## Year three

### Typical core modules

- Applied Bioethics: Sustainable Food Production, Biotechnology and Environment
- Basic Introduction to Omic Technologies
- Commercialisation in Biotechnology
- Current Issues in Biotechnology
- Undergraduate Research Project

### Typical optional modules

- Advanced Postharvest Technology (Part 1 and Part 2)
- Applied Bioethics: Sustainable Food Production, Biotechnology and Environment
- Basic Introduction to Omic Technologies
- Biotechnology in Animal Physiology
- Commercialisation in Biotechnology
- Environmental Biotechnology
- Fundamental and Applied Aspect of Plant Genetic Manipulation
- Marketing Management
- Medical and Pharmaceutical Biotechnology
- Molecular Nutrition
- Molecular Plant Pathology
- Nanotechnology
- Plants and Their Environment

## BSc Nutrition

What we eat and how much we eat, has a profound effect on our health. In some parts of the world undernourishment is still a major and yet unresolved issue. However, in many other countries the population suffers from ill health due to overconsumption of inappropriate foods. The diet we consume will influence chronic diseases such as heart disease, obesity, diabetes and ageing. During this degree, you will 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.

During the second year, you have the opportunity to study at our UK campus for either one or two semesters. Not only does this opportunity broaden your outlook and contribute to your personal development, it allows you to witness at first hand the nutrition issues that predominate in the west. Our programme also includes an optional industrial placement in the second year, which will enable you to gain valuable experience in a related industry, crucial for your career development and employment. In your final year, you will plan and carry out a year-long research project under the guidance of one of our academic staff. The project allows you to gain an in-depth understanding of a food or nutrition-related topic, while developing a number of transferable skills. You will develop your ability to work independently, use your initiative, manage your time effectively, collect and critically analyse data and sharpen your writing and communication skills. These transferable skills are highly valued by employers and will help in your search for employment. This programme is accredited by the Association for Nutrition (AfN) UK. After graduation you will be eligible to join the Association of Nutritionists' Register as an Associate and use the ANutr qualification.

## Year one

### Typical core modules

- Applied Genetics
- Biochemistry: The Building Blocks of Life
- Bioscience Tutorials (Academic Development)
- Food Materials and Ingredients
- Genes and Cells
- Introduction to Nutrition
- Introductory Physiology
- Microbial Physiology

## Year two

### Typical core modules

- Global Issues in Nutrition
- Nutrition, Metabolism and Disease
- Nutritional Regulation, Physiology and Endocrinology
- Personal and Professional Skills for Nutritionists
- Practical Techniques in Human Nutrition
- Principles of Immunology

### Typical optional modules

- Global Food Security Summer School
- Microbial Mechanisms of Foodborne Diseases
- Molecular Biology and the Dynamic Cell
- The Individual I: Cognition, Memory and Perception
- The individual II: Individual Differences

## Year three

### Typical core modules

- Molecular Nutrition
- Nutrition and the Health of Populations
- Undergraduate Research Project

### Typical optional modules

- Advanced Postharvest Technology (Part 1 and Part 2)
- Applied Bioethics: Sustainable Food Production, Biotechnology and Environment
- International Nutrition
- Introduction to Counselling



### At a glance

- 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.
- 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.
- 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 Research Excellence Framework 2014.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

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- UoNMalaysia
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## Computer Science

### 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 currently hard to think of an area of human endeavour in which computers don't play an integral role. Computing professionals are the architects of this new information age.

### 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 tutorials support traditional lecture programmes. Project work, both individual and in groups, is a key feature of all our programmes. 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.

### 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.

### Career prospects

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, 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 companies such as Adobe, Google, Hewlett-Packard, IBM and Microsoft. Others have found jobs with employers such as Accenture, Experian and Ocado.

| BSc (Hons)  | Duration   | Intake    | Malaysian fees                               | International fees                           |
|---|--|-----------|--|--|
| <b>BSc Computer Science</b><br>KPT/JPS(R/481/6/0733)02/21                             | 3 years full-time  | September | RM39,500 per year                            | RM46,000 per year                            |
| <b>BSc Computer Science with Artificial Intelligence</b><br>KPT/JPS(R/481/6/0771)5/21 | 3 years full-time (2 years in Malaysia and 1 year in the UK) | September | RM39,500 per year GBP £22,620 for year three | RM46,000 per year GBP £22,620 for year three |
| <b>BSc Software Engineering</b><br>KPT/JPS(R/481/6/0745)05/21                         | 3 years full-time  | September | RM39,500 per year                            | RM46,000 per year                            |

| Entry requirements  |   | English language requirements  |
|---|---|--|
| A Level   | BBB, including mathematics, excluding critical thinking and general studies.  | IELTS: 6.0 (with no less than 5.5 in each element)   |
| IB Diploma  | 30 points with 5, 5, 5 at Higher Level, including 5 points in mathematics at Higher Level.  | TOEFL (iBT): 79 (minimum 17 in Writing and Listening, 18 in Reading, 20 in Speaking)   |
| STPM  | B+B+B+, including mathematics, excluding Pengajian Am   | PTE (Academic): 55 (with no less than 51 in each element)  |
| UEC   | 2 As including mathematics and grade B3 in 3 other academic subjects, excluding Bahasa Malaysia and Chinese language.   | GCE A Level English Language or English Literature: grade C  |
| SAM or other Australian Matriculations                    | ATAR 86 including mathematics and other relevant subjects.  | GCE AS Level English Language or English Literature: grade C   |
| Canadian Ontario Grade 12 Secondary School Diploma (OSSD) | 80% average based on 6 subjects with at least 70% in Advanced Functions and Calculus and Vectors.<br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.                            | SPM: grade B+  |
| Advance Placement (AP)                                    | 4, 4, 4, including AP Calculus. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.  | 1119 (GCE O): grade C<br>GCSE O-Level: grade C   |
| Diploma - Other Institutions                              | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. | IGCSE (first language): grade C<br>IGCSE (second language): grade B  |
| Foundation - Other Institutions                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. | MUET: Band 3<br>UEC: grade B3  |
| University of Nottingham Malaysia Foundation              | Successful completion of the Foundation in Science programme.   | IB English A1 or A2 (Standard or Higher Level): 4 points<br>IB English B (Higher Level): 4 points<br>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 124.

## 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 one

#### Typical core modules

- Computer Fundamentals
- Databases and Interfaces
- Fundamentals of Artificial Intelligence
- Mathematics for Computer Scientists
- Programming and Algorithms
- Programming Paradigms
- Software Engineering
- Systems and Architecture

### Year two

#### Typical core modules

- Algorithms Correctness and Efficiency
- Languages and Computation
- Operating Systems and Concurrency
- Software Engineering Group Project
- Software Maintenance

#### Typical optional modules

- Artificial Intelligence Methods
- C++ Programming
- Introduction to Human Computer Interaction
- Introduction to Image Processing
- Software Specification

### Year three

#### Typical core modules

- Computer Security
- Professional Ethics in Computing

#### Typical optional modules

- Autonomous Robotic Systems
- Compilers
- Computer Vision
- Development Experience
- Fundamentals of Information Visualisation
- Individual Dissertation
- Information Visualisation Project
- Machine Learning
- Mobile Device Programming
- Software Quality Assurance
- School Experience

## BSc Computer Science with Artificial Intelligence

Our computer science with artificial intelligence programme 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 programme 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 one

#### Typical core modules

- Computer Fundamentals
- Databases and Interfaces
- Fundamentals of Artificial Intelligence
- Mathematics for Computer Scientists
- Programming and Algorithms
- Programming Paradigms
- Software Engineering
- Systems and Architecture

### Year two

#### Typical core modules

- Algorithms Correctness and Efficiency
- Artificial Intelligence Methods
- Language and Computation
- Operating Systems and Concurrency
- Software Engineering Group Project
- Software Maintenance

#### Typical optional modules

- C++ Programming
- Introduction to Human Computer Interaction
- Introduction to Image Processing
- Software Specification

### Year three (undertaken in the UK)

#### Typical core and optional modules

- Autonomous Robotic Systems
- Computer Vision
- Designing Intelligent Agents
- Individual Dissertation
- Knowledge Representation and Reasoning
- Machine Learning

## 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 programme 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 one

#### Typical core modules

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

## Year two

#### Typical core modules

- Algorithms Correctness and Efficiency
- Languages and Computation
- Operating Systems and Concurrency
- Software Engineering Group Project
- Software Maintenance
- Software Specification

#### Typical optional modules

- Artificial Intelligence Methods
- C++ Programming
- Introduction to Human Computer Interaction
- Introduction to Image Processing

## Year three

#### Typical core modules

- Computer Security
- Professional Ethics in Computing
- Software Quality Assurance

#### Typical optional modules

- Compilers
- Computer Vision
- Fundamentals of Information Visualisation
- Individual Dissertation
- Information Visualisation Project
- Machine Learning
- Mobile Device Programming
- Parallel and Distributed Computing



### At a glance

- An environmental science degree from Nottingham will leave you perfectly placed to understand how humans are changing our environment, and to develop solutions for the associated global challenges facing society.
- All academic staff are active researchers and you will learn from experts who are pushing the boundaries of knowledge.
- Our programme will equip you with the broad set of transferable skills that are keenly sought by employers as well as a thorough grounding in environmental science.
- Our undergraduate programme offers you the chance for an international education through exchange options for study at both Nottingham's UK and China campuses.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

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# Environmental and Geographical Sciences

## What is environmental and geographical science?

Environmental science is concerned with the state of the environment, how it is changing, and the processes involved in those changes. With an increasing human footprint on the environment, and associated natural, societal and economic costs, this is a field of great importance and relevance for the 21st century. Environmental science encompasses aspects of atmospheric, climate, soil and water sciences, biogeochemistry, conservation biology, ecology, and sustainable development. Our BSc Environmental Science incorporates all of these topics, as well as an emphasis on both fieldwork and analysis tools such as computer modelling and geospatial mapping technologies. The programme also features a strong interdisciplinary focus with insights from the social sciences to understand human behaviour and our impacts on natural processes.

## How will I study?

Our Environmental Science programme comprises a range of compulsory and optional modules, enabling you to select topics that are of the most interest to you. The first year focuses on the key principles, theories and current knowledge in environmental science. Over the programme you will develop skills in the

collection, processing, analysis and presentation of environmental data, and in scientific analysis and communication for the development and evaluation of policy. Additionally, you will undertake practical training in the techniques of environmental management, including several field programmes to learn environmental concepts and techniques in real-world scenarios. Exposure to a wide range of perspectives on environmental processes and issues play an important part in your academic development and career prospects. Our programme will also provide the option to study modules contributed by other schools as well as inter-campus exchanges with Nottingham's UK and China campuses.

## Career prospects

University of Nottingham environmental science graduates are working in environmentally-related fields all over the world. Our graduates acquire the key skills and confidence for employment in environmental consultancies, conservation and research agencies, local authorities, government agencies and universities. Many graduates go on to undertake postgraduate research degrees in environmentally-related areas. You will also develop a range of sought-after communication, thinking skills and competencies that are applicable in non-scientific fields.

| BSc (Hons)   | Duration   | Intake    | Malaysian fees   | International fees   |
|--|--|-----------|--|----------------------|
| <b>BSc Environmental Science</b><br>KPT/JPS(R/422/6/0014)05/21   | 3 years<br>full-time   | September | RM39,500<br>per year   | RM46,000<br>per year |
| Entry requirements   |  |           | English language requirements  |                      |
| <b>A Level</b>   | BBC, including 2 science subjects preferably biology, chemistry, geography, mathematics or physics; other science subjects may be considered on a case-by-case basis, excluding critical thinking and general studies.   |           | IELTS: 6.0 (with no less than 5.5 in each element)                                   |                      |
| <b>IB Diploma</b>  | 28 points with 5, 5, 4 at Higher Level (including specified grades in science subjects).   |           | TOEFL (iBT): 79 (minimum 17 in Writing and Listening, 18 in Reading, 20 in Speaking) |                      |
| <b>STPM</b>  | B+B+B, including 2 science subjects preferably biology, chemistry, geography, mathematics or physics; other science subjects may be considered on a case-by-case basis, excluding Pengajian Am.  |           | PTE (Academic): 55 (with no less than 51 in each element)                            |                      |
| <b>UEC</b>   | 1 As and 4 B3s, including 2 science subjects preferably biology, chemistry, geography, mathematics or physics; other science subjects may be considered on a case-by-case basis, excluding Bahasa Malaysia and Chinese language.   |           | GCE A Level English Language or English Literature: grade C                          |                      |
| <b>SAM or other Australian Matriculations</b>                    | ATAR 82 (consideration to be made based on relevant subjects).   |           | GCE AS Level English Language or English Literature: grade C                         |                      |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b> | 80% average based on 6 subjects (consideration to be made based on relevant subjects).<br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.  |           | SPM: grade B+<br><br>1119 (GCE O): grade C<br><br>GCSE O-Level: grade C              |                      |
| <b>Advance Placement (AP)</b>                                    | 4,4,3 including 2 relevant science subjects. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.  |           | IGCSE (first language): grade C  |                      |
| <b>Diploma - Other Institutions</b>                              | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme. |           | IGCSE (second language): grade B<br><br>MUET: Band 3                                 |                      |
| <b>Foundation - Other Institutions</b>                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.0 (out of 4) or 70% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.   |           | UEC: grade B3<br><br>IB English A1 or A2 (Standard or Higher Level): 4 points        |                      |
| <b>University of Nottingham Malaysia Foundation</b>              | Successful completion of the Foundation in Science programme.  |           | IB English B (Higher Level): 4 points<br><br>IB English B (Standard Level): 5 points |                      |

**In addition to the entry requirements listed above, those who have taken SPM/ GCSE/ IGCSE High School Diploma or equivalent must have grade B in relevant mathematics and at least credit in related science subjects.**

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 124.

## BSc Environmental Science

Another much sought after discipline in an ever changing landscape. Environmental science crosses many subject boundaries and we provide a programme which benefits from an entirely multidisciplinary and research based approach. You will develop an understanding of environmental processes and systems and gain skills in a range of ecological survey techniques through practical classes and field programmes. Topics covered include key environmental principles such as atmospheric, climate, soil and water sciences, biogeochemistry, 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 one

#### Typical core modules

- Dissertation in Environmental Science
- Environmental Science and Society
- Global Environmental Processes
- Introduction to Geographic Information Systems
- Introduction to Sustainable Development
- Introductory Geology
- Natural Resources of Malaysia
- Plant Science
- The Ecology of Natural and Managed Ecosystems

### Year two

#### Typical core modules

- Global Environmental Change

#### Typical optional modules

- Earth Observation
- Environmental Field Programme
- Forests, Environment and Society
- Glacial Environments Field Programme
- Hydrogeochemistry
- Patterns of Life
- Site Investigation
- Soil Science
- Tourism and the Environment
- Tropical Environmental Science Field Programme

### Year three

#### Typical core modules

- Undergraduate Research Project

#### Typical optional modules

- Advanced Environmental Assessment
- Advances in Earth Observation
- Environmental Modelling
- Environmental Policy and Economics
- Environmental Pollution and Remediation
- Introduction to Tropical Conservation Science
- Landscape Ecology and Spatial Conservation Planning
- Tropical Ecology
- Wildlife Behaviour

## Pharmacy

### 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. It requires a range of skills and knowledge and these are delivered through the themes of biology and physiology, clinical and pharmacy practice, chemistry, pharmaceuticals, 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 lectures and tutorials to practical classes, workshops and case studies. Our programmes develop a range of transferable skills and you will be taught to work to the highest professional and ethical standards. You will be allocated a personal tutor to help with personal and academic issues. The school also has a Learning Community Forum that provides an opportunity for you to discuss programme-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. This will provide you with an invaluable insight into the profession of pharmacy. MPharm students will study in the UK for the final two years of their programme, providing an unrivalled opportunity to learn and experience the UK aspects of clinical pharmacy as part of the programme.

### Professional accreditation

The four-year MPharm degree is accredited by the General Pharmaceutical Council (UK) and was the first 2+2 Pharmacy programme to be recognised by the Pharmacy Board of Malaysia.

### Code of conduct/fitness to practise

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



### At a glance

- In the UK 2014 Research Excellence Framework, our School of Pharmacy was judged as the UK's top research institution under the category of allied health professions, dentistry, nursing and pharmacy.
- 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.
- The UK School of Pharmacy has been rated as one of the UK's top School of Pharmacy for nine consecutive years (2010-2019) in the Complete University Guide and the Guardian University Guide.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)



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UNMPharmacy



UoNMalaysia



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## Career prospects

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

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

MPharm students participating in the Professional Practice class in our simulated pharmacy.



For more detailed programme content, visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

| BSc/MPharm (Hons)  | Duration  | Intake    | Malaysian fees  | International fees  |
|--|---|-----------|---|---|
| <b>BSc Pharmaceutical and Health Sciences</b><br>UNMC(R/421/6/0021)10/19 | 3 years full-time   | September | RM45,000 per year   | RM53,000 per year   |
| <b>MPharm Pharmacy</b><br>KPT/JPS(R/727/6/0066)3/20                      | 4 years full-time (2 years in Malaysia and 2 years in the UK) | September | RM49,700 per year for years 1 and 2; GBP £22,620 per year for years 3 and 4 | RM58,000 per year for years 1 and 2; GBP £22,620 per year for years 3 and 4 |

| Entry requirements   |  | English language requirements  |
|--|--|--|
| <b>BSc Pharmaceutical and Health Sciences</b>                    |  | IELTS: 6.0 (with no less than 5.5 in each element)                                   |
| <b>A Level</b>   | BBB, including chemistry and 2 other academic subjects (such as biology, physics or mathematics).  | TOEFL (iBT): 79 (minimum 17 in Writing and Listening, 18 in Reading, 20 in Speaking) |
| <b>IB Diploma</b>  | 30 points with 5, 5, 5 at Higher Level including chemistry and 2 other academic subjects (such as biology, physics or mathematics) and 5 points in mathematics at Standard Level.  | PTE (Academic): 55 (with no less than 51 in each element)                            |
| <b>STPM</b>  | B+B+B+, including chemistry and 2 other academic subjects (such as biology, physics or mathematics).   | GCE A Level English Language or English Literature: grade C                          |
| <b>UEC</b>   | 2 As (including chemistry) and grade B3 in 3 further academic subjects (including biology, mathematics or physics), excluding Bahasa Malaysia and Chinese language.  | GCE AS Level English Language or English Literature: grade C                         |
| <b>SAM or other Australian Matriculations</b>                    | ATAR 86 including chemistry and 2 other academic subjects (such as biology, physics or mathematics).   | SPM: grade B+  |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b> | 80% average based on 6 subjects with at least 70% in chemistry and must include other academic subjects (such as biology, physics or mathematics). Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements. | 1119 (GCE O): grade C  |
| <b>Advance Placement (AP)</b>                                    | 4,4,4, including AP chemistry and 2 other academic subjects (such as AP Biology, AP Physics or AP Calculus). Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.  | GCSE O-Level: grade C  |
| <b>Diploma - Other Institutions</b>                              | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.                    | IGCSE (first language): grade C  |
| <b>Foundation - Other Institutions</b>                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.                    | IGCSE (second language): grade B   |
| <b>University of Nottingham Malaysia Foundation</b>              | Successful completion of the Foundation in Science programme.  | MUET: Band 3   |
|  |  | 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  |

In addition to the entry requirements listed above, those who have taken SPM/GCSE/IGCSE/ High School Diploma or equivalent must have grade B in mathematics.

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 124.

For more information about our programmes, visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

| Entry requirements   |  | English language requirements  |
|--|--|--|
| <b>MPharm Pharmacy</b><br><i>*Interview required</i>   |  |  |
| <b>A level</b>   | ABB in biology, chemistry and physics/mathematics.   | 1119 (GCE O): grade A<br>GCSE O-Level: grade B   |
| <b>IB Diploma</b>  | 32 points with 6, 5, 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).  | IGCSE (first language): grade B<br>IGCSE (second language): grade A                    |
| <b>STPM</b>  | AB+B+ in chemistry and biology, excluding Pengajian Am.  |  |
| <b>UEC</b>   | 3 As, including biology and chemistry, and grade B3 in 2 other academic subjects, excluding Bahasa Malaysia and Chinese language.  | IELTS: 7.0 (with no less than 6.0 in each element)                                     |
| <b>SAM or other Australian Matriculations</b>  | ATAR 89, including biology and chemistry.  | TOEFL (iBT): 100 (minimum 20 in Speaking and 19 in all other elements)<br>MUET: Band 5 |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b>   | 85% average based on 6 subjects with biology and chemistry above 80% (consideration to be made based on relevant subjects).<br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.   |  |
| <b>Advance Placement (AP)</b>  | 5,4,4, including AP Biology and AP Chemistry. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.   |  |
| <b>Diploma - Other Institutions</b>  | Acceptance is at the discretion of the School and previous studies must meet the prerequisite requirements to the programme.   |  |
| <b>Foundation - Other Institutions</b>   | Acceptance is at the discretion of the School and previous studies must meet the prerequisite requirements to the programme.   |  |
| <b>University of Nottingham Malaysia Foundation</b>  | Average mark of 65% in the Foundation in Science programme with no failed modules, and a minimum of 60% in all chemistry modules. All progressing Foundation candidates into MPharm are expected to fulfill English language requirement as stipulated by the School of Pharmacy at the Malaysia Campus. |  |
| <b>In addition to the entry requirements listed above, those who have taken SPM/ GCSE/ IGCSE High School Diploma or equivalent must have 5 Bs in academic subjects including biology, chemistry, physics and either mathematics or additional mathematics.</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 124.

#### Related programmes

BSc Biomedical Sciences (page 102)

BEng/MEng Chemical Engineering (page 85)

BEng/MEng Chemical and Environmental Engineering (page 85)

## 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, the Department of Biomedical Sciences and the School of Biosciences, as well as optional modules from both inside 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 one

#### Typical core modules

- Biochemistry: The Building Blocks of Life
- Fundamentals of Neuroscience
- Genes and Cells
- Human Physiology
- Laboratory Studies in Pharmaceutical Sciences 1
- Pharmaceutical and Biological Chemistry
- Pharmaceutics 1: Physiochemical Science and Medicines Design

### Year two

#### Typical core modules

- Biopharmaceutics
- Concepts in Medicinal Chemistry and Drug Discovery
- Laboratory Studies in Pharmaceutical Sciences 2
- Pharmaceutical Analysis and Spectroscopy
- Pharmaceutical Microbiology
- Pharmaceutics 2: Pharmaceutical Technology
- Pharmacological Basis of Therapeutics
- Neurobiology of Disease

### Year three

#### Typical core modules

- Advanced Drug Delivery
- Commercialisation in Biotechnology
- Medicinal Chemistry and Drug Design
- Molecular Pharmacology
- Pharmaceutical Sciences Research Project

#### Typical optional modules

- International Business
- Molecular Pharming and Biotechnology
- Organisational Behaviour
- Technology and Organisation
- Environmental Awareness
- Evolutionary Psychology

## 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 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 programme 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 one

#### Typical core modules

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

### Year two

#### Typical core modules

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

### Year three

#### Typical core modules

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

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

### Year four

#### Typical core modules

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



# Psychology



## At a glance

- Our academic staff members are active researchers who frequently publish in the world's top psychology research journals. As a student you will be taught by international experts in their field.
- Our BSc Psychology and BSc Psychology and Cognitive Neuroscience programmes were the first ones at any university outside of the UK to be fully accredited by the British Psychological Society.
- We are an integral part of the School of Psychology UK, which is consistently ranked among the top psychology schools in the UK and is one of the leading centres for research and teaching in the world.
- We offer opportunities for study in the UK for part of your degree (in the second year) and summer internships within the school (in the UK or Malaysia campus) between your second and third year.

All entry requirements, fees, school and programme information are intended as a guide and were accurate at the time of printing. For the most up to date information and further details of each programme please visit [nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

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- UNMpsychology
- @UNMpsychology
- [nottingham.edu.my/psychology](http://nottingham.edu.my/psychology)

## What is psychology?

Students are taught to acquire a range of knowledge and skills including the ability to analyse and assess contemporary theories, empirical studies and practical applications. This world is indeed a most interesting programme of study and an equally rewarding line of work.

Over the past two decades, psychology has become one of the most popular degree subjects in the world. It is a fascinating subject that helps us to understand the ways in which our brains, minds, relationships and societies work. Psychology is the science of mental processes. It covers the actions, feelings, memories, perceptions and thoughts of people from infancy to old age, ranging in focus from individuals to groups, organisations and societies.

It is multidisciplinary, crossing boundaries between biology, medicine, philosophy, psychiatry and social science and has a vast number of real-world applications. Cognitive neuroscience is a related scientific discipline concerned with the study of the brain and the mechanisms that determine how we perceive, combine and process information.

## How will I study?

You will be taught through lectures, tutorials, practical classes and seminars. Practical and project work will also develop your problem-solving skills, including the ability to design, conduct and analyse various types of psychological research. Additionally, the programme will improve your oral and written communication skills and your ability to use information technology and information retrieval systems.

You will be assessed through a variety of methods including formal exams and coursework. On completion of your programme you will have acquired a range of knowledge and skills including the ability to analyse and assess contemporary theories, empirical studies and practical applications.

## Career prospects

A recent report by the Higher Education Careers Services Unit (UK) found that psychology graduates are among the most employable, and least likely to be unemployed, of any degree programme. A psychology degree helps prepare graduates for many types of work, providing an impressive range of skills that make them highly sought-after.

A degree in psychology will provide rigorous training in critical thinking, the ability to communicate effectively and other key employment-related skills. Psychologists work in many areas in the public and private sector, from hospitals and schools to management consultancies, high-tech industries and even professional sports teams.

Many of our graduates will go on to choose psychology as a career – as researchers and teachers of the subject or as practitioners in a range of sub-disciplines of psychology, such as clinical and counselling, educational and school, engineering, forensic, health, industrial, organisational and sports. Psychology graduates can also progress to a career in research, in either the public or private sector (e.g., Google, Facebook, Oculus). Some less typical, yet potential options in the corporate sector include careers in human resources, marketing, and media and advertising.

| BSc (Hons)  | Duration          | Intake    | Malaysian fees    | International fees |
|---|-------------------|-----------|-------------------|--------------------|
| <b>BSc Psychology</b><br>KPT/JPS (R/311/6/0078) 3/21                          | 3 years full-time | September | RM39,500 per year | RM46,000 per year  |
| <b>BSc Psychology and Cognitive Neuroscience</b><br>KPT/JPS(R/311/6/0079)4/21 | 3 years full-time | September | RM39,500 per year | RM46,000 per year  |

| Entry requirements   | English language requirements  |
|--|--|
| <b>A Level</b>   | BBC in either arts or science subjects, excluding critical thinking and general studies. A levels with a strong academic component will rank higher than those without and Psychology A level is not required.<br><br>TOEFL (iBT): 87 (minimum 20 in Speaking and 19 in all other elements)  |
| <b>IB Diploma</b>  | 28 points with 5, 5, 4 at Higher Level, including 5 points in mathematics at Standard Level.<br><br>PTE (Academic): 62 (with no less than 55 in each element)  |
| <b>STPM</b>  | B+B+B, excluding Pengajian Am.   |
| <b>UEC</b>   | 1 A and 4 B3s, excluding Bahasa Malaysia and Chinese language.   |
| <b>SAM or other Australian Matriculations</b>                    | ATAR 82 (consideration to be made based on relevant subjects).   |
| <b>Canadian Ontario Grade 12 Secondary School Diploma (OSSD)</b> | 80% average based on 6 subjects (consideration to be made based on relevant subjects).<br>Canadian Secondary School Diplomas from other provinces are acceptable and to be assessed based on the University's requirements.  |
| <b>Advance Placement (AP)</b>                                    | 4,4,3 in relevant subjects. Applicants taking non-preferred subjects may be made an offer across more than three subjects at Advanced Placement level.<br><br>GCE A Level English Language or English Literature: grade C<br><br>GCE AS Level English Language or English Literature: grade C<br><br>SPM: grade A-<br><br>1119 (GCE O): grade B<br><br>GCSE O-Level: grade C<br><br>IGCSE (first language): grade C<br><br>IGCSE (second language): grade B<br><br>MUET: Band 4<br><br>UEC: grade A2<br><br>IB English A1 or A2 (Standard or Higher Level): 4 points<br><br>IB English B (Higher Level): 4 points<br><br>IB English B (Standard Level): 5 points |
| <b>Diploma - Other Institutions</b>                              | Acceptance to the second year is on a case by case basis (and at the discretion of the School) but normally would require an overall GPA of 3.33 (out of 4) or 75% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.   |
| <b>Foundation - Other Institutions</b>                           | Acceptance is at the discretion of the School but normally would require an overall GPA of 3.0 (out of 4) or 70% and above (consideration to be made based on relevant subjects), and previous studies must meet the prerequisite requirements to the programme.   |
| <b>University of Nottingham Malaysia Foundation</b>              | Successful completion of any foundation programme and meeting mathematics requirements.  |

**In addition to the entry requirements listed above, those who have taken SPM/ GCSE/ IGCSE High School Diploma or equivalent must have grade B in mathematics and at least a credit in a science subject.**

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 124.

For more information about our programmes, visit  
[nottingham.edu.my/ugstudy](http://nottingham.edu.my/ugstudy)

## BSc Psychology

### BSc Psychology and Cognitive Neuroscience

During your first year, you will be introduced to the core areas of biological, cognitive, developmental and social psychology. As well as theoretical principles, the modules cover the applied aspects of these subjects, for example in clinical, education and engineering settings. You will learn statistical methods of analysis and how to plan, conduct 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 programmes are identical in the first year to give you a good grounding in psychology. It is possible to change between the two degree programmes at the end of the first year. Both degree programmes offer equally good career opportunities. The main difference between the two degrees is that psychology and cognitive neuroscience is relatively more focused on biological processes.

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 programmes. 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. There are opportunities 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 psychology and cognitive neuroscience degree, you will need to take 40 credits of cognitive neuroscience modules and the remaining credits can be any of the other modules on offer. Psychology students, on the other hand, 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 a lecturer, you will be expected to take the initiative in designing and conducting the research yourself, and completing a full research project report.

## Year one

### Typical core modules

- Biological Psychology
- Cognitive Psychology 1
- Introduction to Developmental Psychology
- Introduction to Social Psychology
- Practical Methods in Psychology
- Statistical Methods 1

### Typical optional modules

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

## Year two

### Typical core modules

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

## Year three

### Typical core modules

- Research Project

### Typical optional modules

- Active Vision
- Autism
- Autobiographical Memory
- Bilingualism
- Evolutionary Psychology
- Introduction to Clinical Psychology
- Neuropsychology A and B
- Neuroscience of Illusions A and B
- Scientific Computing with Matlab

Students have the opportunity to explore many topics in Psychology.



# How to apply

You can apply online via our Online Admissions Application Portal (MyNottingham). To create an application, you will need to register to create an account or log in if you have previously applied online.

 [mynottingham.nottingham.edu.my](https://mynottingham.nottingham.edu.my)

You can also download an application form from the website. Paper copies are also available. We can mail it to you or you can visit in person to collect one.

 [nottingham.edu.my/applications](https://nottingham.edu.my/applications)

We are only able to accept applications via post or through MyNottingham. If you have any queries, please contact us.

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 [nottingham.edu.my/make-an-enquiry](https://nottingham.edu.my/make-an-enquiry)

## Application Fee

The University charges an application fee of RM100 for Malaysian applicants and RM200 for international applicants for all programmes. This fee applies to online and paper applications.

 [nottingham.edu.my/applications](https://nottingham.edu.my/applications)

## Step 1

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

### Supporting documents needed

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

## Step 2

An acknowledgement email (with Nottingham ID) will be sent to you upon receipt of your application.

## Step 3

Your application will be considered by our admission tutors and a decision will be made within two working weeks. A confirmation email will be sent to applicants once a decision has been made. Successful applicants will receive a notification through email and will

be able to log in to MyNottingham to download the following documentation (hard copies are not provided):

- Offer Letter
- Offer pack (containing next steps, accommodation, student visa, Wellbeing and Learning Support Services and payment of tuition fees information) - link will be provided in the offer letter

Applicants and agents will be able to view the progress of applications and make payments online through MyNottingham.

## Step 4

Offer holders will be given a four-week deadline to accept offer and pay a tuition fee deposit of RM1,000 (Malaysian offer holders) or RM2,000 (International offer holders) before the lapsed date in the offer letter.

For further information on the offer acceptance and refund of tuition fee deposit, visit our website:

 [nottingham.edu.my/study/offer-acceptance](https://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.

It is important to note that University of Nottingham Malaysia requires all offer holders to complete two different parts of the registration process - Part 1: Online Registration and Part 2: In Person Registration.

## 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 us.

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## 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:

- 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
- the personal statement and reference

## Intake

### February

- only applicable for selected undergraduate programmes

### April

- three-semester foundation programme

### June

- three-semester foundation programme for Engineering only

### September

- all foundation programmes
- all undergraduate programmes

 [nottingham.edu.my/applications](https://nottingham.edu.my/applications)

## 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

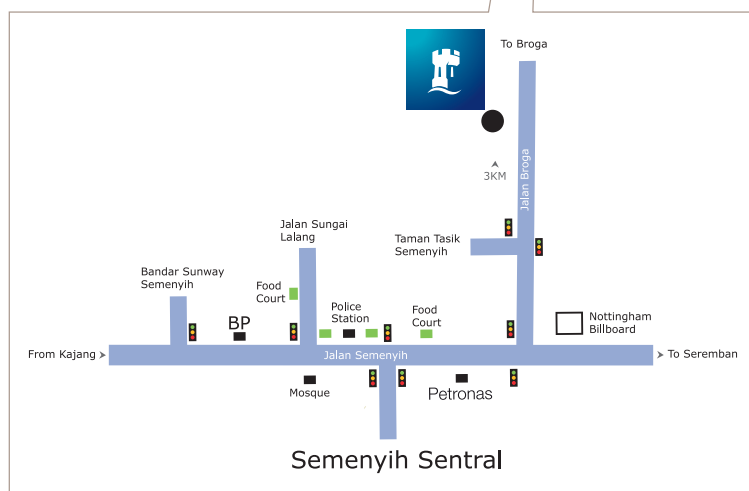
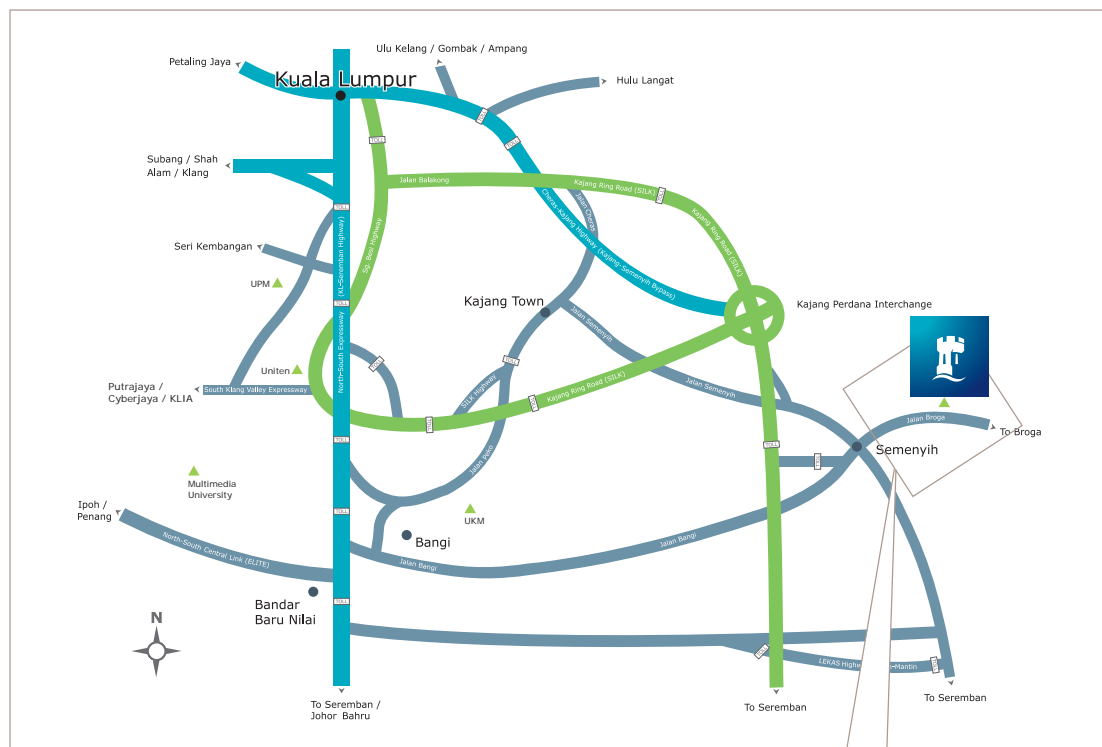
IELTS and TOEFL test results must be less than two years old and all IELTS must be the academic version of the test.



# Where to find us

University of Nottingham Malaysia can be reached easily by train, bus, car or taxi. The University provides bus services for staff and students to/from Kajang KTM station and Terminal Bersepadu Selatan (TBS) next to Bandar Tasik Selatan LRT station.

 [nottingham.edu.my/maps](http://nottingham.edu.my/maps)



**University of Nottingham Malaysia**  
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# Index

| Programme   | Page | Programme  | Page |
|---|------|--|------|
| Applied Psychology and Management                   | 50   | International Communication Studies with English Language and Literature | 69   |
| Biomedical Sciences                                 | 102  | International Communication Studies with Film and Television Studies     | 69   |
| Biotechnology                                       | 105  | International Relations  | 75   |
| Business Economics and Finance                      | 54   | International Relations with French/Spanish                              | 75   |
| Business Economics and Management                   | 54   | Management   | 56   |
| Chemical Engineering                                | 85   | Mathematics and Management   | 81   |
| Chemical Engineering with Environmental Engineering | 85   | Mechanical Engineering   | 98   |
| Civil Engineering                                   | 89   | Mechatronic Engineering  | 94   |
| Computer Science                                    | 109  | Nutrition  | 106  |
| Computer Science with Artificial Intelligence       | 109  | Pharmaceutical and Health Sciences                                       | 118  |
| Economics   | 59   | Pharmacy   | 118  |
| Economics and International Economics               | 59   | Psychology   | 121  |
| Education (TESOL)                                   | 62   | Psychology and Cognitive Neuroscience                                    | 121  |
| Electrical and Electronic Engineering               | 93   | Software Engineering   | 110  |
| English Language and Literature                     | 65   |  |      |
| English with Creative Writing                       | 65   |  |      |
| Environmental Science                               | 113  |  |      |
| Finance, Accounting and Management                  | 55   |  |      |
| Foundation in Arts and Education                    | 42   |  |      |
| Foundation in Business and Management               | 42   |  |      |
| Foundation in Engineering                           | 43   |  |      |
| Foundation in Science                               | 44   |  |      |
| International Business Management                   | 55   |  |      |
| International Communication Studies                 | 69   |  |      |

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