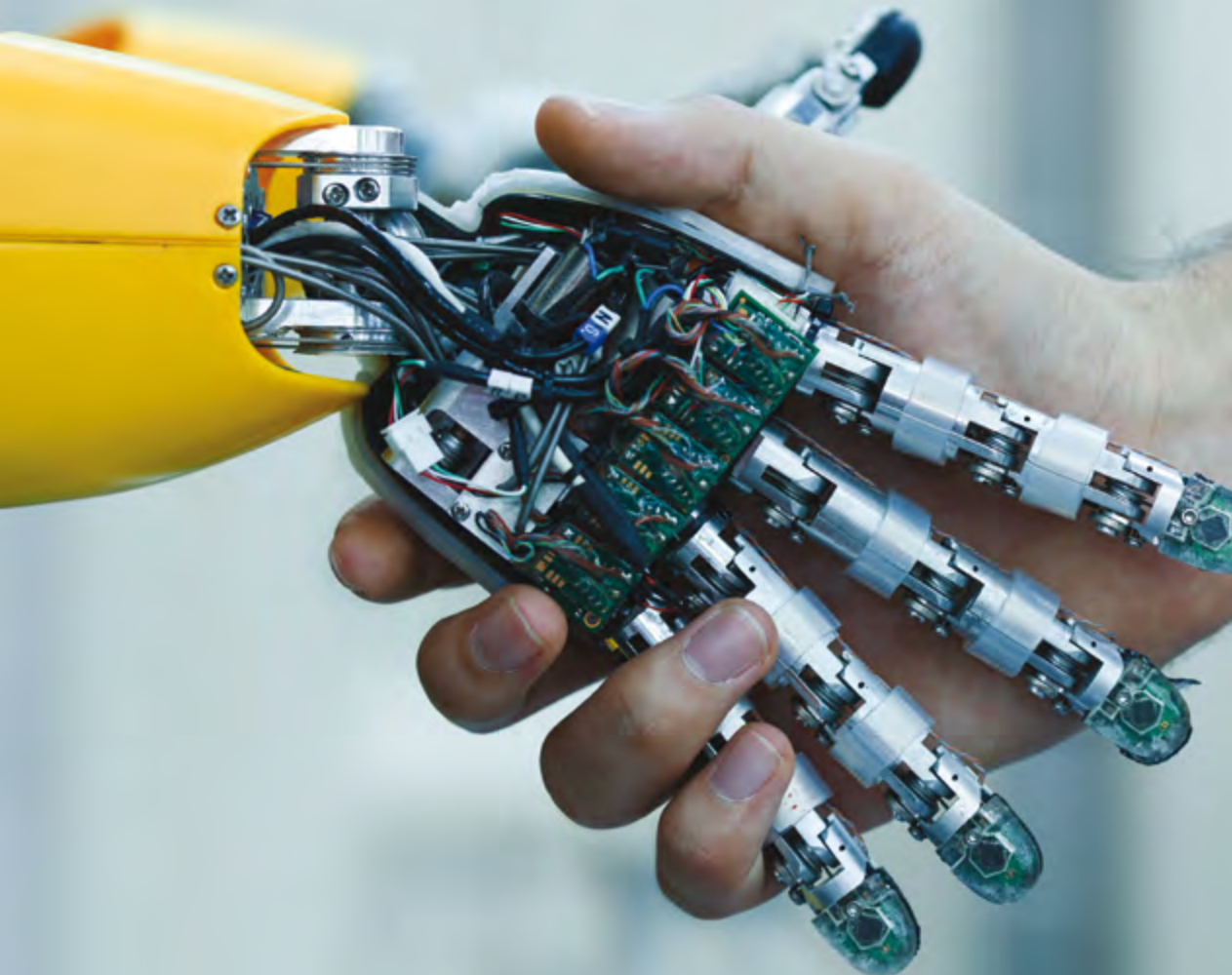


Malaysia Campus

UNIVERSITY OF
Southampton

A GLOBAL EDUCATION IN **ENGINEERING**

Undergraduate Courses 2016



TOP 1%
global
university

QS World University
Rankings 2014/15

**2 years in
Malaysia**

followed by

**2 years in
the UK**

SOUTH A

The University of Southampton has a global reputation for academic excellence. We are one of the top five universities in the UK for engineering, and have established a branch campus within the EduCity development in Iskandar Malaysia to enable more students to experience our world-class education.

- You will spend **two years in Malaysia** and **two years in the UK** as part of your degree programme
 - You will **graduate** with a **Masters degree** from an **internationally recognised University**
 - Students at the **Malaysia Campus** are offered **exactly** the same **course content** and **teaching quality** as students in the **UK**
 - Your degree will cost **40 per cent less** than the cost of the same degree in the UK
-

An international
integrated engineering
education in

**Malaysia
and the UK**

CHOOSE
MPTON

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We are an institution in the
TOP 1%
of global universities

*QS World University
Rankings 2014/15*

No. 4

for Mechanical Engineering
*The Guardian University
Guide, 2016*

We have **10**
specialist themes; choose the
right one for you

60%
of the cost of
a UK degree

No. 1

in the UK for graduate prospects
Complete University Guide, 2016

No. 1

for Electrical and
Electronic Engineering
*The Guardian University
Guide, 2016*

No. 4

for Aeronautics and Astronautics
(included in Mechanical
Engineering)
The Guardian University Guide, 2016

We have **6**
specialist themes; choose the
right one for you

OPEN DAYS

Visit our website below for 2015 and 2016 dates

Book your place at
www.southampton.ac.uk/my/visitus

Other opportunities to meet staff from
the University are available at:

[www.southampton.ac.uk/
my/events](http://www.southampton.ac.uk/my/events)

CHOOSE SOUTHAMPTON: A GLOBAL UNIVERSITY

Our Malaysia Campus in the EduCity@Iskandar development in Nusajaya, enables students to experience the University of Southampton's world-class education at 60 per cent of the cost of obtaining the same degree in the UK.

Obtain a unique 'Southampton' education in Malaysia: two years of study in Malaysia followed by two years of study in the UK.

We have educated students from Malaysia for over 50 years and enjoy good links with South-East Asia which span many disciplines and levels of education and research. Our partnerships in the region include the University of Malaya, the Universiti Teknologi Malaysia, the National University of Singapore and Nanyang Technological University.

Join us to be part of a forward-thinking institution that upholds innovation and exploration at the centre of its education; join us to forge a successful global future.

- ➔ Our alumni community is a rich, diverse network of former students that covers the globe
- ➔ Our world-class academics are at the cutting-edge of their disciplines, bringing a positive impact to every continent
- ➔ Our business, government and non-government organisation partners span the globe
- ➔ We are part of the Worldwide Universities Network, a collaboration of knowledge from around the world

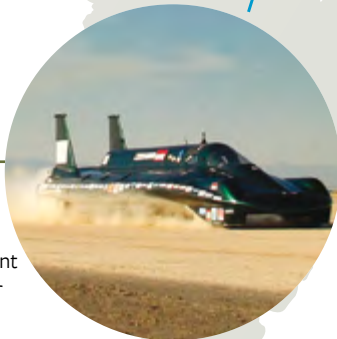
SOLAR CHALLENGE

A team of students and staff from Electronics and Computer Science designed and built a solar- and electric-powered vessel to compete in and win the annual Solar Splash World Championships in the USA.



STEAM POWER

One of our student design projects led to the development of a steam-powered racing car to set a new world record.



GLOBAL COMPETITION

Mechanical engineering students are helping to design and build the Southampton Formula Student car, ready to race against other universities from around the world.

LETTUCE ON MARS

Engineering students were part of a Southampton bid to grow lettuce on the red planet, the only UK entry to reach the finals of the Mars One international competition.



Our
200,000

graduates can be
found in **180**
countries

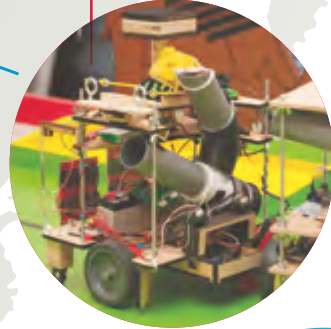
Study abroad:
we have over

400

links with **233** partners
in **54** countries
around the world

ROBOTICS CHALLENGE

A team of our students from Electronics and Computer Science organise the annual Student Robotics competition to encourage sixth-form and college students to design, build and test autonomous robots.



We have alumni
branch networks in many
countries including
Malaysia, Singapore
and **China** which can help
you with networking,
employability and
mentoring

As part of your
degree programme,
you will spend
2 years in Malaysia
followed by
2 years in the UK



INDUSTRY LINKS

A team of electrical and electronic engineering academics from the UK and Malaysia Campuses have been developing further industry links with Intel and Altera in Penang through a series of lectures, meetings and visits.



SCHOLARSHIP AWARDS

Tai Jei See is a three times recipient of the prestigious Lloyd's Register Foundation scholarship.

 **Find out more**
www.southampton.ac.uk/global

CHOOSE SOUTHAMPTON: DESIGN YOUR OWN EDUCATION

Your courses are developed and taught by world experts

Your course offers you breadth as well as depth

- ➔ Be independent and shape your course
- ➔ As well as attending lectures and seminars, you can access many lectures and learning resources on the move
- ➔ We work with you to make programmes more flexible
- ➔ Employers are actively involved in shaping your degree programme
- ➔ Take advantage of the Southampton opportunity; get involved in many extra-curricular activities to enhance your experience

Help and advice from expert laboratory staff

One-to-one project work with a dedicated personal tutor

Group project work

INNOVATIVE LEARNING

Option to learn a language for free, available to all students in the UK

Optional modules outside your area of study

Access to a world-class wind tunnel complex, a flight simulator and high-voltage facilities in the UK



GET AHEAD FOR YOUR CAREER

Learn from academics' experiences through a very high staff to student ratio at our Malaysia Campus

Secure an internship in years 1 and 2 at our Malaysia Campus through our excellent links with local industry

Our EEE programme is accredited by the Institution of Engineering and Technology

Our annual Engineering and Technology careers fair in the UK attracted **85 leading companies** in 2015

Over **160 leading technology companies** are affiliated to the Electronics and Computer Science Careers Hub

Network with top employers, industry contacts and graduates in the UK

Wi-Fi across all our campuses

24-HOUR ACCESS TO VIRTUAL LEARNING

3 million books, journals and reports in our UK libraries

50,000 e-books

15 dedicated Electronics and Computer Science student societies

SOCIAL LIFE

Join the Engineering Society

There are plenty of shopping malls in close proximity to EduCity to relax in with your friends.

Meet with friends in cafes and restaurants in the local area around the Malaysia Campus

Choose from a variety of social activities on offer transitioning from our Malaysia Campus to our UK Campus for your third year of study.

Enjoy sports in the exceptional physical recreation and sports facilities at **EduCity**

 **Find out more**
www.southampton.ac.uk/choice

ADRIAN NEWEY

RACING ACROSS THE WORLD

Southampton graduate Adrian Newey, Chief Technical Officer at Red Bull Racing, takes his talent across the world with the Grand Prix

Specialise further with a postgraduate degree

Advice from graduates

Personal development programme

BUILD YOUR DREAM CV

Network with top employers

Mentoring

Careers events

Work placements and internships

Volunteering

Enterprise

“Electronics and Computer Science (ECS) is the best place to develop as a student and individual, offering unrivalled support in education and providing opportunities over and above that of other schools, both in the UK and worldwide.”

Josef Capindale

MEng Electronic Engineering 2013; now part of the ExxonMobil Future Leaders Graduate Scheme

CHOOSE SOUTHAMPTON: SHAPE YOUR FUTURE

A unique tailored approach to learning: that's the Southampton Opportunity.

Our degrees are highly valued by employers and will equip you with the skills to operate globally

- ➔ We prepare you for future challenges not yet imagined and jobs not even thought of
- ➔ We encourage you to engage actively in your professional development
- ➔ We are one of the top 30 UK universities for graduate starting salaries*
- ➔ We are among the top 20 UK universities targeted by the largest number of top 100 graduate recruiters**
- ➔ In the most recent Destinations of Leavers from Higher Education statistics 94 per cent of graduates whose destinations were known were in employment and/or further study
- ➔ Electronics and Computer Science run an annual Careers Fair in the UK (85 companies attended in 2015) and support a full programme of employer visits and student conferences. We aim to increase your awareness of career opportunities, prepare you to find the job you want, and raise your aspirations of future achievement

We can help you build your dream CV

- ➔ Take advantage of our commercial partnerships via work placements, internships and volunteering in the UK
- ➔ Gather evidence of your achievements through our programme of personal development to complement your academic study, while in the UK
- ➔ Network with top employers at our careers events in the UK
- ➔ Get advice from our graduates about future careers
- ➔ Specialise further with one of our postgraduate courses and gain a more in-depth knowledge of your subject, and realise your ambitions

Find out more

To learn how your Southampton Opportunity can get you ready for employment, visit www.southampton.ac.uk/dreamcv

Companies that employ our Aeronautics and Astronautics graduates:

- | | |
|--------------------------|-----------------|
| AgustaWestland | Land Rover |
| Airbus Defence and Space | Lockheed Martin |
| Aston Martin | QinetiQ |
| BAE Systems | Red Bull Racing |
| Boeing | Rolls-Royce |
| British Airways | Siemens |
| Dyson | |
| DSTL | |
| ESA | |
| Jaguar | |

Companies that employ our Mechanical Engineering graduates:

- | | |
|-----------------|---------------|
| Airbus UK | Mercedes-Benz |
| AWE | MOD |
| BAE Systems | QinetiQ |
| BP | Rolls-Royce |
| Dyson | Schlumberger |
| GE Aviation | |
| IAC Aviation | |
| Jaguar | |
| Johnson Matthey | |
| Lloyds | |
| McLaren Racing | |

Companies that employ our Electrical and Electronic Engineering graduates:

- | | |
|---------------|--------------------------|
| Altera | IBM |
| Apple | Imagination Technologies |
| ARM | Intel |
| Audi | Jaguar Land Rover |
| BAE Systems | J P Morgan |
| BBC | McLaren |
| Bloomberg | Microsoft |
| Cisco | Motorola |
| Facebook | Samsung |
| Goldman Sachs | Sony |
| Google | |

* The Times Good University Guide 2015
** High Fliers Research

OUR PEOPLE



Southampton people have a passion to change the world through their research and collaborations with global partners

- Our lecturers are highly qualified and push the boundaries of knowledge with their research
- You are taught differently; our research informs your education
- Studying with our world-leading academics gives you an edge
- You are involved with important research as it unfolds
- Join us and share our knowledge to gain your advantage

PROFESSOR SIR DAVID PAYNE

PIONEERING OPTICAL FIBRES

Professor and graduate from Southampton, Sir David Payne, and his team developed the optical fibres that formed the basis of the internet

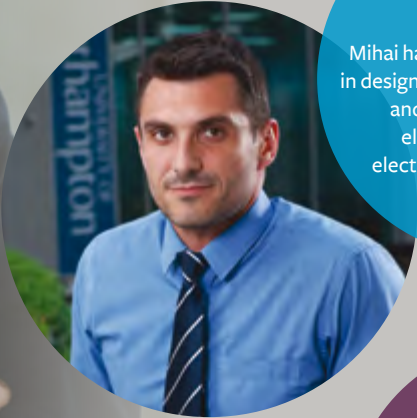
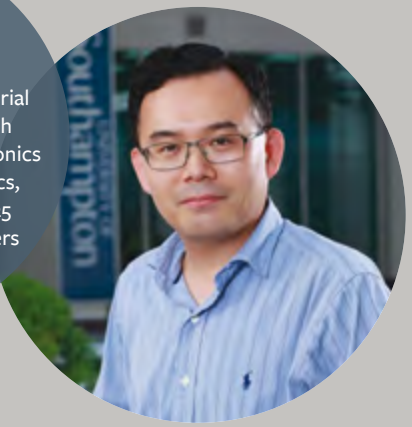


DR SUHAILA MOHD SANIP

Suhaila was awarded a Japan Fellowship for her PhD at the Nagoya Institute of Technology. She has received several research grants to work on organic solar cells using carbon nanotubes and graphene.

DR SEUNGHWAN WON

Seung Hwan has broad industrial engineering experience, with employment at both LG Electronics R&D and Samsung Electronics, S. Korea. He has published 25 journal and conference papers and is associated with 21 US patents.



DR MIHAI ROTARU

Mihai has substantial experience in designing, modelling, simulation and characterisation of electromagnetic and electromechanical systems and devices.



DR PU SUAN HUI

Using industry-standard fabrication techniques Suan Hui develops novel micro- and nano-systems that have applications in motion and pressure sensing, electrical switching and chemical detection.



PROFESSOR JOHN ATKINSON

John's printed sensors for environmental monitoring have helped to make Southampton world leaders in this important area of research.

 **Find out more**
www.southampton.ac.uk/people

OUR PEOPLE (cont.)

A portrait of Professor Dame Wendy Hall, a woman with short brown hair, smiling and wearing a teal shawl. She is holding a pair of glasses in her hands. The background is a blurred office setting.

**PROFESSOR
DAME
WENDY HALL**
GLOBAL CONNECTIONS

Professor and graduate from Southampton, Wendy was one of the first scientists to carry out serious research in multimedia, hypermedia and the Web.



**DR
JO-HAN NG**

Jo-Han's main research interests cover the area of renewable energy and combustion. He is now the principal investigator for a project funded by the Ministry of Education to improve palm oil biodiesel production.



**PROFESSOR
JOHN SHRIMPTON**

John is a world-leading expert in charge injection technology, generating electrically charged sprays of dielectric liquids.



**DR GEOFF
MERRETT**

Geoff's research, on projects totalling over \$30M, is allowing mobile and embedded computing systems to run off their batteries for longer, potentially even forever.



**WU KAI HUI &
WONG KANG YAO,**

both MEng Mechanical Engineering students, worked for Assistant Professor Dr Jo-Han Ng under a summer research internship programme in their first year. Their work was presented in prestigious international conferences. In both instances, they were the youngest participants among fully-fledged researchers.



YAP JUN HOU,

a MEng Mechanical Engineering student, secured an internship with Lotus Cars Malaysia in his first year of study which has significantly helped him in his second year of study.

 Find out more
[www.southampton.ac.uk/
people](http://www.southampton.ac.uk/people)



WHAT'S YOUR **AMBITION?**

TO HELP CREATE A WORLD-LEADING AEROSPACE INDUSTRY IN MALAYSIA

Elynn Suah Ee Huei

MEng Aeronautics and Astronautics

Elynn chose to study her degree programme at the University of Southampton because her lecturers are active researchers who are at the cutting edge of new technology and have up-to-date industry knowledge. She also felt that the University was a friendly environment in which to learn. Elynn was awarded an international undergraduate scholarship in her first year of study.

Elynn worked with seven other colleagues on her fourth-year group design project which was to design, build and fly an unmanned air vehicle (UAV). Her project was the first ever UAV project at the University to use a 'deployable flaps and slats' system as well as the first sub-10kg UAV in the UK to use Fowler flaps. The project took eight months to complete and successfully flew six test flights.



 **Find out more**
about Elynn's Southampton
Opportunity - and the one that
could be waiting for you - visit
[www.southampton.ac.uk/
dreamcv](http://www.southampton.ac.uk/dreamcv)



WHAT'S YOUR **AMBITION?**

TO TACKLE CHALLENGING, LARGE
SCALE PROJECTS; I WANT TO BE
PART OF SOMETHING BIG


Emily Barnes

MEng Electronic Engineering

In their fourth year, MEng Electrical and Electronic Engineering students work on different industrially relevant group projects, often defined by representatives from industry who are looking for solutions to real problems that their company is facing.

“Electronics is in almost everything nowadays, so a career in this field could lead me anywhere, to solve any number of possible problems. I think that’s amazing.

“I really enjoy the team projects that allow me to really get to grips with a task and work on it in my own way. They gave me the experience of working on projects in the real world while applying the knowledge I have gained from the course. They gave me the chance to actually be an engineer!”

 **Find out more**
about Emily’s Southampton
Opportunity - and the one that
could be waiting for you - visit
[www.southampton.ac.uk/
dreamcv](http://www.southampton.ac.uk/dreamcv)





WHAT'S YOUR **AMBITION?**

TO IDENTIFY ALTERNATIVE WAYS TO POWER OUR MODERN LIFESTYLES


Toh Yew Jin

MEng Mechanical Engineering / Automotive

Yew Jin chose to study at the University of Southampton's Malaysia Campus because of the opportunity to obtain a world-class Mechanical Engineering degree from one of the UK's top engineering universities.

He interned at LB Aluminium Sdn.Bhd, one of Asia's biggest aluminium extruders, where the most exciting part was being able to apply the knowledge gained from lectures, as well as a problem solving approach to understand and complete his projects. This internship experience also taught him that learning is a broad and continuous process, while providing a valuable insight into the manufacturing industry.

For his third-year individual project, Yew Jin worked on a project entitled 'Converting an LPG fuelled CHP engine to run on biogas'. His project focused on purifying biogas, sourced from biodigesters, and fed with organic wastes, in order to fuel an engine. He believes that through this, we can turn our waste into a source of electricity and communal heating.

 **Find out more**

about Yew Jin's Southampton Opportunity - and the one that could be waiting for you - visit www.southampton.ac.uk/dreamcv

YOUR STUDENT EXPERIENCE

We have seven campuses – five in various locations around Southampton, one in nearby Winchester and our campus in EduCity@Iskandar, Malaysia.

Years one and two (and Foundation Year) in Malaysia

Our branch campus is set within EduCity@Iskandar, in Nusajaya, Malaysia, an education hub, 1km east of the Gelang Patah Interchange on the main Second-Link Expressway.

In the heart of Malaysia's economic zone, we are 8km from the Second Crossing Bridge to Singapore.

Singapore's regional aviation hub, Changi International Airport, is a 60-minute drive away and we are just 30 minutes from Senai International Airport.

The EduCity development comprises international universities, schools and colleges, including the University of Reading, Multimedia University (MMU), Management Development Institute of Singapore (MDIS), Newcastle University Medicine Malaysia (NUMed) and Netherlands Maritime Institute of Technology (NMIT) as well as leisure and sports facilities.

Student life in Malaysia

We offer a wide range of facilities and services so that you can make the most out of your student life.

- Stay in modern living accommodation, which is equipped with a cafeteria, launderette, prayer room, indoor games room, outdoor badminton, basketball court as well as a picturesque roof terrace with views of the surrounding area

- Socialise in cafés and restaurants in the local area
- Worship in the prayer room provided for Muslim students
- Study in the study space and computing suites
- Gain experience in individual teaching laboratories for thermodynamics and fluids, materials, control and structures, electrical engineering and electronic engineering
- Use the exceptional physical recreation and sports facilities at EduCity, with a 6,000 capacity sports stadium, a 400 metre athletic track, a 1,500-seated indoor arena and an Olympic-size swimming pool
- Join in and play a sport at the stadium which has pitches for ball sports and field events or in the indoor arena with courts for basketball, badminton, squash, volleyball and futsal
- Enjoy a film, shopping or eating out at the wide range of shopping malls in close proximity to EduCity
- Relax on the beach at the nearby islands of Pulau Rawa, Pulau Sibul and Pulau Aur
- Visit local attractions including Singapore, which is only approximately a 40-minute drive away



Malaysia Campus



Students relaxing in the local area, Malaysia



The fitness suite at the Jubilee Sports Centre, UK



Students enjoying a basketball game, UK



EduCity's swimming pool, Malaysia



Students reading at the Malaysia Campus

Years three and four in the UK

Our engineering academic activity is based at the University's Highfield Campus and Boldrewood Innovation Campus. Boldrewood Innovation Campus is located a five minute walk away from the main Highfield Campus. Both are set in green and pleasantly landscaped surroundings and are just a short bus ride from the centre of Southampton.

There are a range of facilities on campus including restaurants, banks and a Post Office, as well as a chaplaincy for all faiths and a prayer room for Muslim students.

Student life in the UK

Run by students, for students, SUSU, the University of Southampton Students' Union, offers you a wide range of services and opportunities for you to get the most out of your free time.

- Experience Freshers' and Welcome at the University - nearly two weeks full of activities to help you settle in
- Discover over 300 student clubs and societies: from archery to Taekwondo or performing arts to politics

Other University facilities available to you include:

- Use our £8.5m indoor sports complex, with a six-lane 25 metre swimming pool, 170 fitness stations and an eight-court badminton sports hall

“I joined the basketball club on campus and whenever we have free time, we will have a friendly match. It is a good opportunity to meet people.”

Alan Tan Kay Meng

MEng Mechanical Engineering

- Play sports at our 76-acre outdoor site with 20 pitches for hockey and football, and floodlit tennis courts
- Help local people: get involved in community volunteering projects and fundraising
- Socialise with friends in one of our bars or cafés on our campuses
- Enjoy live music and comedy nights
- Catch a film in our 330-seat cinema
- Become a DJ or director at *Surge Radio* and *SUSUtv*
- Try out journalism for the *Wessex Scene* or *The Edge* magazines
- View art exhibitions at the John Hansard Gallery, watch a play at the Nuffield Theatre or listen to anything from jazz to classical music at Turner Sims, all on campus

 **Find out more**

<http://www.southampton.ac.uk/uni-life/campus.page>

EDUCITY IN ISKANDAR MALAYSIA:

A world-class education hub for Malaysia and the region

EduCity is one of the most important developments in Iskandar Malaysia. It is a pioneering concept of best-in-class education partners, including globally recognised universities like Newcastle, Southampton and Reading, all sharing international standard sporting and recreational facilities.

The development of EduCity is to promote Malaysia as a centre of educational excellence. Being in the strategically-located Iskandar Malaysia area, the education enclave will make world-class education more accessible to Malaysians. It is also poised to be a regional education hub offering world-class education within a six-hour flight radius of major Asian cities.

EduCity, which encompasses an area of 305 acres, is situated within Nusajaya, Johor. Located nearby to Medini Iskandar, which is the central business district of Nusajaya, EduCity is easily accessible via the Coastal Highway that directly links Medini with the Johor Bahru City Centre, and the Malaysia-Singapore Second Link expressway.



Shared facilities in EduCity

EduCity Sports Complex

The exceptional physical recreation and sports facilities at EduCity include a 6,000 capacity sports stadium with a football/rugby pitch and a 400 metre athletic track that complies with the Association of Athletics Federation standards. There is also an aquatic centre with an Olympic-size swimming pool, which meets International Swimming Federation standards for water polo and synchronised swimming. A 1,500-seated indoor arena provides courts for basketball, badminton, squash, volleyball and futsal (five-a-side).

Qualified coaches and staff are available to host training sessions in a number of core sports and some extreme sports from Muay Thai to Bossaball. Regular fitness classes in pilates, yoga, combat fitness and coaching sessions in various sports from football athletic, badminton and swimming are available for both students and the public too. For more information about the EduCity Sports Complex, visit www.educitysport.com

Multi-Varsity Complex

The Multi-Varsity Complex comprises University of Southampton Malaysia Campus, NMIT and MMU, as well as the EduCity Student Centre. Equipped with shared facilities such as cafeterias, convenience stores and a prayer room, the Student Centre also provides pay-per-use facilities such as lecture theatres, meeting rooms and a boardroom.

Student Village (SV)

SV is a 12 and a half storey building comprising approximately 900 beds. It is located within a gated compound with 24-hour card access, CCTV and multi-tier security. Within walking distance to our Malaysia Campus, NUMed Campus, Multi-Varsity Complex and Stadium and Sports Complex, the SV is also equipped with a cafeteria, launderette, prayer room as well as an indoor games room, outdoor badminton and basketball court.

Living in Iskandar Malaysia

Healthcare in Iskandar Malaysia

There are a large number of private hospitals located in Iskandar Malaysia, in



the event of needing medical treatment. The nearest hospital to EduCity is Columbia Asia Hospital which is within a 10-minute drive, while some other private hospitals in Iskandar Malaysia are: Kempas Medical Centre, Puteri Specialist Hospital, KPJ Johor Specialist Hospital, Regency Specialist Hospital and Hospital Perling Medical Centre.

Shopping in Iskandar Malaysia

Shopping in Iskandar Malaysia is both a leisure activity as well as a tourist attraction. With the opening of Johor Premium Outlets® in 2011, you can shop for luxury goods with discounts from 25 to 65 per cent, and more discounts during Special Sale season.

There are plenty of shopping malls in close proximity to EduCity. The nearest malls such as AEON Bukit Indah, Tesco and Giant are all within a 10-minute drive. You can also shop at the popular JB City Square, Sutera Mall, Plaza Angsana and Galleria Kotaraya which are easily accessible.

Leisure at Iskandar Malaysia

LEGOLAND® Malaysia Resort is the sixth LEGOLAND® to be built in the

world and the very first in Asia. The resort comprises a theme park, a water park and a hotel and features over 70 rides, slides, shows and attractions.

Puteri Harbour is a harbour front marina which houses fine dining restaurants, alfresco cafés, a hotel and theme parks such as Hello Kitty Town and The Little Big Club.

Islands and Beaches

The islands off Johor are world renowned for their beauty, sparkling water and white sandy beaches. Pulau Rawa, Pulau Sibul and Pulau Aur are but a few of the beautiful islands waiting for you to explore.

Beyond Iskandar Malaysia

There are many attractions and interesting places to visit just beyond Iskandar Malaysia.

Within one hour's drive

- Singapore is famous for shopping, dining and entertainment. It is only a 40-minute drive from EduCity. Famous attractions include Universal Studios, Singapore Zoo, Night Safari, Marina Bay Sands and a lot more

- Desaru Coast has a 17km long beachfront and range of hotels and accommodation
- Mersing is a quaint fishing village and has a main jetty for nearby islands

Within two hour's drive

- Endau Rompin National Park
- Gunung Ledang

Transport links

- There are frequent ferry services to Indonesia (Batam, Bintan, Tg. Balai Karimun) and Singapore
- There are direct international flights to Bangkok, Bandung, Jakarta, Medan, Surabaya and Pekanbaru
- There are also direct flights via Changi International Airport (30 minutes away from Johor Bahru) to many more destinations

ACCOMMODATION

We offer modern, spacious and safe living accommodation in close proximity to our campuses in Malaysia and the UK. There are a variety of options to suit your personal budget.

Guaranteed accommodation

You are guaranteed an offer of University accommodation for your Foundation Year, or first year (undergraduate) at our Malaysia Campus, which will help you settle into University life. You are welcome to apply to remain in University accommodation for your second year while you are studying in Malaysia but we cannot guarantee a place.

You are also guaranteed an offer of University accommodation for both years spent studying in Southampton. Please note you will need to fulfil the criteria of our guarantee, which includes applying as a continuing student, in January of your second year in Malaysia for your first year living in Southampton.

Malaysia accommodation

(Years one and two and Foundation Year)

The Malaysia Campus offers self-catering accommodation in a variety of options, including ensuite single bedrooms, twin bedrooms with ensuite and four/five-bed accommodation with a shared bathroom, all within EduCity's Student Village (SV). Accommodation is split into male/female wings accordingly.

The SV is just a few minutes stroll from our campus and is in a safe and secure environment with CCTV surveillance and a security guard post. The SV comprises approximately 900 beds. You will have the opportunity to mix with students from other institutions that share the EduCity campus. All rooms have an internet connection and there are kitchen facilities on each floor comprising a fridge, microwave and water dispenser as well as a cafeteria on the ground floor.

The SV also offers impressive shared social spaces, including an outdoor sports area, general seating areas and TV room as well as the picturesque roof terrace with views of the surrounding area. Other facilities include a launderette, cafeteria as well as a prayer room for Muslim students.

Bedding packs consisting of a pillow, pillow case, bed sheet and blanket can be purchased on request, for approximately RM100.

Typical room fittings and furnishings include:

- Air-conditioning
- Ceiling fan(s) and light(s)
- Drying yard
- Ensuite/shared bathroom
- Individual bed frame and mattress, wardrobe, study table and chair
- Water heater
- Window curtains

How to apply for accommodation

Applications for accommodation will be possible once you have received your offer letter and accepted your offer. You will receive a University of Southampton student ID number along with your offer letter, which you will need in order to apply for accommodation.

The SV will confirm the deadline by which you must apply to ensure your guarantee of accommodation. The deadline will differ depending on which intake you are applying for - April/June/September (Foundation Year) or September (undergraduate).



UK accommodation

(Years three and four)

For the academic year 2015/16, weekly room rates for UK accommodation range from £89.32 to £146.86 (approx. RM528 to RM867) for self-catered accommodation and from £136.22 to £175.91 (approx. RM804 to RM1,039) for catered accommodation. If you are unaccompanied, the cost of living (in addition to tuition fees and international flights to and from the University, if applicable) is usually between £7,200 and £8,800 per academic year.

To find out more about UK accommodation, visit www.southampton.ac.uk/accommodation

SV Accommodation Breakdown

Room type	Rental p/m (RM)	Limit of electricity usage p/pax (RM)	Rental deposit p/pax (RM)	Total Initial Fee Payable (3 Months + 1 month Deposit) (RM)
Single ensuite	889	50	889	3,556
Twin sharing	681	50	681	2,724
4 sharing	474	50	474	1,896
5 sharing	589	50	589	2,356

Accommodation details are correct at time of print. For the latest information on accommodation, visit www.southampton.ac.uk/my/undergraduate/study/accommodation.page



[Find out more](http://www.southampton.ac.uk/my/undergraduate/study/accommodation.page)
www.southampton.ac.uk/my/undergraduate/study/accommodation.page

WHY ENGINEERING AT SOUTHAMPTON

“The best parts of my course are the world-class professors and lecturers teaching the courses, the excellent support system and plenty of opportunities to participate in activities.”

Chew Hong Ye
MEng Mechanical Engineering

Choose Southampton

- Southampton is in the top one per cent of universities in the world*
- We are in the top 15 UK universities** and a founding member of the Russell Group of research-intensive UK universities
- Graduate with an internationally recognised UK Masters degree
- You can learn about the latest world-changing research from the people who are creating it

*QS World University Rankings 2014/15
** Complete University Guide 2016

Choose Engineering:

- Get professional engineering accreditation in both the UK and Malaysia
- Our programmes are highly ranked in every major league table in the UK and worldwide
- Southampton is number four in the UK for Mechanical Engineering (including Aeronautics and Astronautics)†
- Southampton is number one in the UK for Electrical and Electronic Engineering†
- You can expect to be taught and supervised by researchers who lead in their discipline

†The Guardian University Guide 2016



Our Malaysia Campus (Years one and two and Foundation Year)

An international education in Malaysia

- The Foundation Year and years one and two of your degree are spent in Malaysia and years three and four of your degree are spent in the UK
- You will study core modules in years one and two of your degree programme and will specialise in year three
- Your degree will cost 40 per cent less than the cost of the same degree in the UK
- You will graduate with a highly reputable Masters degree from a UK University
- You are taught by world-leading academics who teach both in Malaysia and in the UK
- All of our lecturers are PhD holders who are active in research
- You will enjoy a very high staff to student ratio at our Malaysia Campus
- The course content and the teaching quality is identical to that in the UK
- You will have hands-on experience in our comprehensive laboratories and workshops
- You will have opportunities for internships in years one and two of your degree programme, either at local companies or at our Malaysia Campus



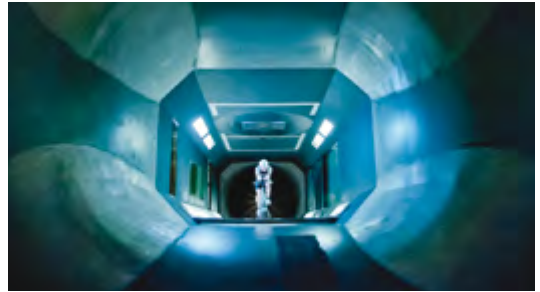
Our UK Campus (Years three and four)

World-class, state-of-the-art facilities

For students studying MEng Aeronautics and Astronautics and MEng Mechanical Engineering:

- The Southampton wind tunnel complex consists of several wind tunnels of various sizes which are available for student aerodynamics project work and for commercial use. It has been used by most of the current Formula 1 (F1) teams, aircraft, train, cycling and high-performance car manufacturers for aerodynamic testing since the 1980s. Recent tests include working with UK Sport and the British Cycling team. We helped British Cycling win seven gold medals in the London 2012 Olympics
- We have design studios, which include power tools, hand tools and 3D printers, where students can design and make items in wood, metal and plastics
- Students have access to the Engineering Design and Manufacturing Centre (EDMC) which is a professional engineering workshop, staffed by qualified technicians.

- We have computer laboratories with fast computers where students can learn to use a range of software packages including CAD, FEA, CFD and a variety of modelling and simulation tools



For students studying MEng Electrical and Electronic Engineering:

- The Zepler Building contains the undergraduate teaching and project laboratory for electrical and electronic engineering together with extensive computing facilities. Purpose built in 2015, these £4 million laboratories will prepare students for industries of the future. Our state-of-the-art electrical and electronic teaching laboratories are equipped to a professional standard for all areas of digital and analogue electronics, photonics, power engineering and robotics
- The Mountbatten Building houses one of the world's leading cleanroom laboratory complexes for materials and device research in diverse fields ranging from electronics and Micro Electro Mechanical Systems (MEMS) through photonics to bionanotechnology
- The Tony Davies High Voltage Laboratory is one of only a handful of similar facilities in Europe. It contains a full range of equipment to support research and consultancy in high voltage engineering

Take a virtual visit to discover more about Electrical and Electronic Engineering in Malaysia at www.usmc-visit.ecs.soton.ac.uk



www.southampton.edu.my

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E: marketing.malaysia@southampton.ac.uk

COURSE OVERVIEW

Aeronautics and Astronautics

Choose Southampton

- ➔ Mechanical engineering, including aerospace engineering is ranked fourth in the UK by The Guardian University Guide 2016 and second in the Sunday Times Good University Guide 2014
- ➔ BAE Systems' preferred course in the UK
- ➔ MEng programmes fully meet the academic requirement for registration as a Chartered Engineer
- ➔ Flying opportunities through the Students' Union or University Air Squadron in the UK
- ➔ 90 per cent of students are in work or study six months after graduation (DLHE, 2013)

4

of our undergraduates are currently on one-year placements with Formula 1 teams

We have

6

specialist themes: choose the right one for you

Test pilot your designs in our flight simulator

Aeronautics and Astronautics brings together advanced engineering across a range of disciplines with applications to the specification, design and construction of airframes, engines, satellites and other spacecraft.

One degree, two countries

Our four-year, split-campus degree enables you to study our MEng Aeronautics and Astronautics programme in both the UK and Malaysia. The split-campus programme is identical to that offered in the UK and provides the same format and opportunities to study. You will graduate with a degree from an internationally-recognised University.

Accreditation

Accredited by the Royal Aeronautical Society (RAeS) and the Institution of Mechanical Engineers (IMechE) on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for registration as a Chartered Engineer.

Programme structure

We employ a combination of formal and special lectures, tutorials, example classes, laboratory experiments, coursework and individual and group projects. Practical laboratory work forms an essential part of our degree programmes, providing opportunities to get to grips with key equipment in our facilities and improve critical skills and judgement. We will also help you to develop key skills including written and oral presentation skills.

The teaching is structured on a semester pattern. The academic calendar will follow that of our UK Campus and will comprise two semesters commencing at the end of September and January, with examinations at the end of January and May. Each module is a self

contained part of the programme of study and carries a credit rating.

Years one and two in Malaysia

During your first two years at our Malaysia Campus, you will focus on core engineering science with an emphasis on aerospace engineering, through practical laboratory sessions and lectures. The first two years are the same across the Aeronautics and Astronautics degrees, with students specialising in their third and fourth years.

In your first year, we will also enhance your understanding of computation design tools and the economic, legal and environmental issues around aircraft operations and performance.

Year two will see a focus on aerospace engineering, studying aerodynamics, astronautics, propulsion and the mechanics of flight.

Years three and four in the UK

During years three and four in the UK, you will study a number of core modules, specific to your chosen theme. You will demonstrate your knowledge and skills through practical projects.

In year three, you will undertake an individual design or research project, which is often sponsored by industry.

In year four, you will work on a group aircraft or spacecraft design project. Previous examples include the design and construction of unmanned air vehicles. You will also be able to take optional modules to suit your own interests, for example in advanced aeronautics or outside of the field.

Core modules

Year 1
Aircraft Operations and Flight Mechanics
Design and Computing
Electrical and Electronic Systems
Mathematics for Engineering and the Environment
Mechanics, Structures and Materials
Thermofluids
Year 2
Aerodynamics
Astronautics
Engineering Management and Law
Materials and Structures
Mathematics for Engineering and the Environment Part II
Mechanics of Flight
Propulsion
Systems Design and Computing
Year 3
Aerospace Control Systems
Aerothermodynamics
Aircraft Design
Aircraft Structural Design
Individual Project
Year 4
Group Design Project

Further information

For information on modules available in years one and two, visit http://www.southampton.ac.uk/my/undergraduate/courses/meng_aeronautics_and_astronautics.page

For information on modules available in years three and four, visit www.southampton.ac.uk/engineering/aero

MEng Aeronautics and Astronautics

Degree | Duration

MEng Aeronautics and Astronautics | 4years

This programme is aimed at students who wish to pursue technically demanding careers in the aerospace industries or research. Design, systems studies and individual/group projects are an integral part of the course and reflect the multidisciplinary nature of aerospace engineering.

MEng Aeronautics and Astronautics / Aerodynamics | 4years

This programme focuses on aerodynamics theory and practice for the design of aircraft and other vehicles. It provides excellent preparation for aerodynamics design and research for both the aerospace and F1 industries.

MEng Aeronautics and Astronautics / Airvehicle Systems Design | 4years

This programme focuses on aeronautic topics, with a particular emphasis on helicopters and fixed-wing aircraft, engine design, unmanned air vehicles and avionics. Using a complete vehicle systems approach, you will also learn about modern design, search and optimisation techniques.

MEng Aeronautics and Astronautics / Computational Engineering Design | 4years

On this degree programme, you will learn to solve design challenges using advanced computational methods. You will also develop your understanding of computational fluid dynamics.

MEng Aeronautics and Astronautics / Engineering Management | 4years

This innovative programme is designed to enable professional engineers to progress quickly into management positions in the aerospace industry. You will develop the technical skills to understand, design and manufacture new products, and the expertise to manage the process, people and finances.

MEng Aeronautics and Astronautics / Materials and Structures | 4years

This programme focuses on the design of aerospace structures and selection of materials, demonstrating how materials behave in service and the reasons why they sometimes fail. You will have opportunities to examine a number of case studies in collaboration with our industrial partners. Specialist modules will enable you to develop your skills in the structural analysis of aircraft and spacecraft. This degree is excellent preparation for engineering design and research in this field.

MEng Aeronautics and Astronautics / Spacecraft Engineering | 4years

This degree is aimed at students who may be interested in pursuing a career in the spacecraft industry or undertaking spacecraft-related research. The emphasis of this programme is on the overall system design of spacecraft. You will learn to design, examine and test spacecraft systems.

Career opportunities

There are exciting career opportunities in some of the world's leading companies, including F1, BAE Systems, Siemens, NASA, Lockheed Martin and Rolls-Royce. Our graduates have gone on to careers in race car design, civil and military aerospace, systems engineering and research. Our degrees are also excellent preparation for careers in many non-aerospace industries, particularly the commercial sector.

Typical roles include Aerodynamicist, Product Development Engineer, Design Technologist, Aerospace Engineer and Unmanned Systems Engineer.

“I loved learning about the electronics involved and found the project really interesting.”

Anthony Lewis
MEng Aeronautics and Astronautics / Spacecraft Engineering



Key information

Our standard offers are listed below but where we have places available, students may be admitted with slightly lower grades

A levels: **A*AA** in Maths, Physics (A* in either) and one other (except General Studies and Critical Thinking)

IB: **38 points overall**, 18 at Higher Level including 6 in both Higher Maths and Higher Physics

Sijil Tinggi Persekolahan Malaysia (STPM): **AA** in Maths and Physics plus **A** in one other

Unified Examination Certificate (UEC) – Senior Middle Level:

Minimum **5 As** including Maths I and II and Physics (not including Art, Chinese or Malay)

Diploma in Mechanical Engineering (Aeronautics), Universiti Teknologi Malaysia (UTM): First-year entry with **minimum GPA of 3.4**

Monash University Foundation

Year: Minimum of **310 overall** with 80 per cent average in Maths and Physics, and subject to attending an extended technical induction programme

English language qualifications:

IELTS 6.5 overall with at least **5.5** in each competence. For other qualifications accepted, visit www.southampton.ac.uk/admissions_language

Application process: Apply directly via our website <http://www.southampton.ac.uk/my/undergraduate/apply.page>

Our typical entry requirements may be subject to change.

Before you apply, please visit www.southampton.ac.uk/my/undergraduate/apply/entry_requirements.page

Find out more

T: +607-560 2560 (Malaysia)

T: +44 (0)238059 9699 (UK)

E: marketing.malaysia@southampton.ac.uk

 **To download brochure**
www.southampton.edu.my

CHANGE THE WORLD

Designing a human powered aircraft

Aeronautics and Astronautics students have designed and constructed their own human-powered aircraft for their Group Design Project. Southampton University Human Powered Aircraft (SUHPA) was designed in celebration of the 50th anniversary of the first human powered aircraft SUMPAC, which was also designed by University of Southampton students. Watch the video here: <https://www.youtube.com/watch?v=B-ElU5LLUao>





[Find out more
www.southampton.ac.uk/
researchfacilities](https://www.southampton.ac.uk/researchfacilities)

COURSE OVERVIEW

Electrical and Electronic Engineering

Choose Southampton

- Southampton is ranked number one in the UK by *The Guardian University Guide, 2016* for electrical and electronic engineering
- £110m state-of-the-art interdisciplinary clean room, high-voltage laboratory, and outstanding undergraduate laboratory facilities in the UK
- First in the UK for the volume and quality of our electrical and electronic engineering research (REF, 2014)
- Electronics and Computer Science students ranked 21st in the world in the 2014 IEEEXtreme global programming competition
- MEng Electrical and Electronic Engineering programme provides direct route to Chartered Engineer (CEng) status

No.1

in UK for
graduate prospects
*Complete University
Guide, 2016*

No.1

in UK for electrical and
electronic engineering
*The Guardian University
Guide, 2016*

Electrical and Electronic Engineering influences many aspects of modern life ranging from energy, healthcare, entertainment and commerce, to communications, manufacturing and the environment. Electrical and Electronic Engineering is a challenging and evolving subject that is relevant to a wide range of industries, including the power sector and the electronics industry.

At Southampton, you will gain a broad spectrum of knowledge and skills required to work in the technology sector, but also the wider range of competencies needed by today's professional engineer. This breadth of knowledge is developed using a systematic approach to most subjects – blending the core technical syllabus with ongoing design exercises that run throughout the programme. In Electronics and Computer Science (ECS), you will use some of the most advanced teaching facilities in the world, you will put the theory you have learned in lectures into practice and deliver real results.

One degree, two countries

Our four-year, split-campus degree enables you to study our MEng Electrical and Electronic Engineering programme in both the UK and Malaysia. The split-campus programme is identical to that offered in the UK and provides the same format and opportunities to study. You will graduate with a degree from an internationally-recognised University.

Accreditation

Our MEng Electrical and Electronic Engineering programme is accredited by the Institution of Engineering and Technology (IET) and provides a direct route for entry to Chartered Engineer (CEng) status. This accreditation is

recognised by engineering boards around the world, including the Board of Engineers Malaysia, through established international agreements, such as The Washington Accord.

Programme structure

We employ a combination of formal and special lectures, tutorials, classes, laboratory experiments, coursework and individual and group projects. Practical laboratory work forms an essential part of our degree programmes, providing opportunities to get to grips with key equipment in our world-class facilities and improve critical skills and judgement. We will also help you to develop key skills including written and oral presentation skills.

The teaching is structured on a semester pattern. The academic calendar will follow that of our UK Campus and will comprise two semesters commencing at the end of September and January, with examinations at the end of January and May.

Years one and two in Malaysia

During your first two years at our Malaysia Campus, you will concentrate on the fundamentals of electrical and electronic engineering with an increasing emphasis on design as the course progresses.

In your first year, you will study the core principles of electrical and electronic engineering. You will also spend about 50 per cent of your time in the laboratories learning and developing practical skills in designing, building, programming and testing electronic systems.

In year two, you will put your learning into practice by designing and building a fully functional 'smart meter' as well as designing and testing a silicon chip. You will learn how to use professional software designing tools widely used in the electrical and electronic industry throughout your coursework and design exercises.

Years three and four in the UK

In your third year of study, you will have the opportunity to specialise or retain a broad-based study path through a wide selection of 60 subject modules. You will also undertake an individual design or research project based in a research group in ECS. Third-year projects from ECS have led to commercialisation and to publication in journals and conferences.

In the fourth year, MEng students choose from a range of modules and work on a group design project, typically developed in conjunction with an industrial partner. The contribution of these projects is highly valued by the associated companies.

“The philosophy and focus of the EEE programme at Southampton is simply world class. The facilities are well-equipped with cutting-edge technologies which are essential to develop the skills I'll take with me to my future employment.”

Ng Chun Hean
MEng Electrical and Electronic Engineering

Further information

For information on modules available in years one and two, visit www.southampton.ac.uk/my/eee

For information on modules available in years three and four, visit www.ecs.soton.ac.uk/eee

MEng Electrical and Electronic Engineering

Degree | Duration

MEng Electrical and Electronic Engineering | 4 years

Course Overview

Electrical and electronic engineering drives the fundamental technologies of today's connected world. Every area of our lives, from energy supply and transmission, medicine and healthcare to industrial applications, global trade, transport, communications, entertainment and security, is dependent on electrical and electronic technology. As a result, electrical and electronic engineering is now one of the fastest growing job fields in the world and skilled electrical and electronic engineers are very much in demand.

Course Content

At Southampton, we will ensure that you have a thorough grounding in a wide range of technologies. Our project work will enable you to acquire valuable skills in teamwork, project planning, time-management and presentation, applying your learning to design and build problems, and working to a brief. All of these will stand you in good stead as you move into your career.

Programme structure

This degree develops the technical and project management skills needed to become a leader in the electrical and electronics industry. It covers topics ranging from the technologies of electrical power and control to analogue and digital electronics and computing. The first two years will cover the breadth of electrical and electronic engineering. In years three and four, you can tailor your studies according to your interests through the wide range of option modules available, examples of which are listed below.

Typical course content

- Digital systems and microprocessors
- Electronic systems
- Solid state devices
- Electrical engineering design
- Digital systems
- Power electronics and drives

MEng Electrical and Electronic Engineering pathways

All students on this programme gain a fundamental understanding across electrical and electronic engineering principles, however the various pathways (some of which are shown below) allow you to specialise further in particular areas by choosing optional modules.

Power Systems

On this pathway, you will learn the fundamental concepts relating to the principles and design of modern electrical power systems and their impact on society. You are able to learn about power transmission and distribution, develop electromechanical design skills, and understand the properties and applications of electrical materials. Southampton's renowned Tony Davies High Voltage Laboratory will be among the facilities available to you on this pathway.

Digital and Analogue Electronics

A thorough understanding of both digital and analogue electronics is essential for today's EEE engineers, and this pathway allows students to supplement this with optional modules in VLSI design and system-on-chip, green electronics, analogue CMOS, and medical electronics. In the second year of your degree, you will design your own CMOS integrated circuit (IC); these are then fabricated into silicon, and you will get the opportunity to test your own real IC to see if it worked.

Computer Science/Software Engineering

Through specialised modules, you will develop a sound understanding of using software to solve engineering design problems and prepare for work in rapidly expanding industries including artificial intelligence, cyber security, computer graphics, embedded systems, and computer vision.

Nanotechnology and Photonics

Many of the major developments in today's electronic and photonic technology were pioneered by researchers at Southampton. Through this pathway you will learn the fundamental concepts governing semiconductor devices, fibre optics and lasers, and cleanroom fabrication techniques. MEng students have the opportunity to fabricate and characterise their own microchips in Southampton's state-of-the-art £110M Cleanroom Complex.

Communications and Control

Covering techniques critical to the information and robotic age, this pathway covers communication technologies (networking, wireless communication, green communication, multimedia communications, RF transceivers) and the control of robotics (digital control, biologically-inspired robotics).

Mathematics

As a student gifted in maths, you can continue to develop your ability in maths over and above the compulsory engineering mathematics that runs through the programme. Optional modules span a wide range of areas, including advanced partial differential equations, statistics for engineering systems, numerical methods and the use of MATLAB, optimisation and integral transform methods.

Key information

Projects and Management

All students undertake a range of individual and group design projects during their degree. You will develop the technical skills to understand, design and manufacture new products, and the expertise to manage the process, people and finances. Taking modules on engineering management, accounting and law can enable you to focus on progression into key management positions in the electrical and electronic engineering industries.

In a second-year group design project, students design and simulate their own integrated circuit (or 'chip'), seeing it through from specification to fabrication. They must probe their silicon wafers to test and evaluate their designs.



Core modules

Year 1

Digital Systems and Microprocessors

Electrical Materials and Fields

Electronic Circuits

Electronic Systems

Mathematics 1

Programming

Solid State Devices

Advanced Programming

Year 2

Control and Communications

Electrical and Electronic Engineering Design

Electromagnetism

Devices

Digital Systems and Signal Processing

Mathematics 2

Circuits and Transmission

Power Electronics and Drives

Year 3

Individual Project

Engineering Management and Law

Choose 4 from around 60 optional modules

Year 4

Group Design Project

Choose 5 from around 40 optional modules

Our standard offers are listed below but where we have places available, students may be admitted with slightly lower grades

A levels: **A*AA** to include Maths, Physics and one other (except General Studies and Critical Thinking)

Further Mathematics or Electronics may be considered instead of Physics

IB: **38 points** overall, 18 at Higher Level including 6 in both Higher Maths and Higher Physics

Sijil Tinggi Persekolahan Malaysia (STPM): **AA** in Maths and Physics plus **A** in one other

Unified Examination Certificate (UEC) – Senior Middle Level:

Minimum **5 As** including Maths I and II and Physics (not including Art, Chinese or Malay)

Monash University Foundation

Year: Minimum of **310 overall** with 80 per cent average in Maths and Physics, and subject to attending an extended technical induction programme

English language qualifications:

IELTS 6.5 overall with at least **5.5** in each competence. For other qualifications accepted, visit www.southampton.ac.uk/admissions_Language

Application process: Apply directly via our website www.southampton.ac.uk/my/undergraduate/apply.page

Our typical entry requirements may be subject to change. Before you apply, please visit www.southampton.ac.uk/my/undergraduate/apply/entry_requirements.page

Find out more

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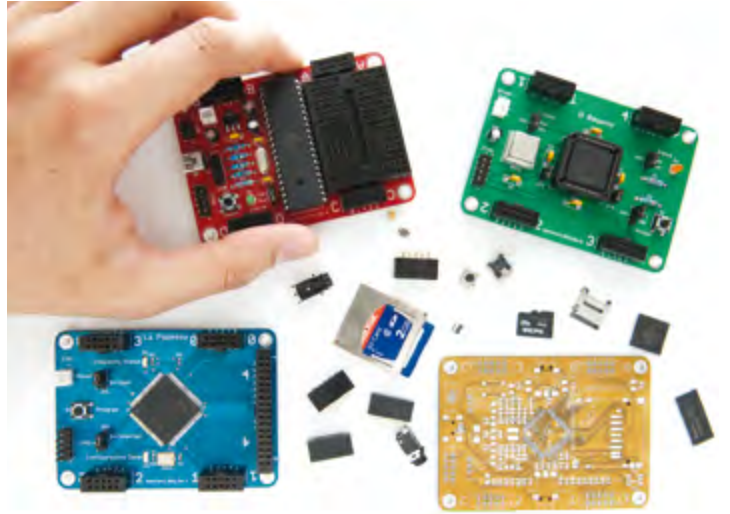
[To download brochure](http://www.southampton.edu.my)
www.southampton.edu.my

MEng Electrical and Electronic Engineering (cont.)

Career opportunities

Employability is embedded in all stages of our degrees and we strive to ensure you get the career you deserve. A panel of representatives from major employers regularly meet to ensure our graduates have the required skills in this fast moving field. The technical skills you will obtain are in high demand, as are the skills of understanding and analysing problems, together with communicating the results. Our graduates have highly exciting career opportunities in some of the most advanced and leading companies in the world such as ARM, Samsung, Siemens, BAE Systems and Boeing.

Typical roles include Electronic Engineer, Electrical Engineer, Microelectronics Engineer, Embedded Systems Engineer, Instrumentation and Control Engineer, High Voltage Electrical Engineer.



Innovative teaching

Our students enhance their practical skills in digital electronics by building and using our Micro Arcana family of four processing boards: Il Matto (8-bit Atmel microcontroller), Il Bagatto (Altera CPLD), La Papessa (Xilinx FPGA) and L'Imperatrice (Freescale ARM9 applications processor). These boards have been designed in-house to enhance student learning and include similar capabilities to Arduino and Raspberry Pi. Once our students have built these boards, they are theirs to keep. They will use them as part of the taught programme and can use them in their personal projects.

Engineering the future

Studying Electrical and Electronic Engineering at the University of Southampton can provide an early boost to an exceptional career:

- 100 per cent of our BEng Electrical Engineering and BEng Electronic Engineering graduates go onto professional and managerial positions or further study. (Unistats, 2015)

- The average starting salary for our Electrical Engineering and Electronic Engineering graduates in the UK is £29,000 (RM171,000)
- Final-year student Tom Bell has used skills and knowledge learned on his MEng course in Electronic Engineering with Mobile and Secure Systems to write and publish the book, *Programming for Everyday Life* – a beginners guide to the basics of programming in Python; programming for the Web; and using technology to create applications, services and tools that transform lives
- Professor William Webb, Electronic Engineering graduate and visiting professor, has been appointed President of the Institution of Engineering and Technology (IET) – the accrediting body for our EEE degree and one of the world's largest organisations for engineers and technicians. He says the degree was the perfect start for him on a career in wireless communications, and his entire career direction can be traced back to his third-year Communications module

Find out more

T: +607-560 2560 (Malaysia)

T: +44 (0)23 8059 9699 (UK)

E: marketing.malaysia@southampton.ac.uk

 To download brochure
www.southampton.edu.my

World-class facilities

Our unrivalled world-class facilities are fitted with industry-standard equipment in superb laboratories.

The Mountbatten Building in Southampton is home to the £110m (RM650m) multidisciplinary cleanroom complex, one of the world's leading research facilities for nanotechnology and photonics. Third- and fourth-year students may also use the Tony Davies High Voltage Laboratory – one of only a handful of similar facilities in Europe and an active centre for research into dielectric materials, insulation systems and high voltage related phenomena.

A person wearing a full-body blue cleanroom suit and a face mask is working on a complex piece of electronic equipment in a laboratory. The equipment is mounted on a metal frame and has many wires connected to it. In the background, there are shelves with various lab supplies and a large blue flexible duct hanging from the ceiling. The lighting is bright and even.

“The courses in Southampton are very challenging, but with the very supportive academic staff and well equipped laboratories available, the courses actually help us to become more innovative and able to solve problems from different perspectives.”

Woon Peh Yee

MEng Electrical and Electronic Engineering

COURSE OVERVIEW

Mechanical Engineering

Choose Southampton

- ➔ Ranked fourth in the UK for mechanical engineering by *The Guardian University Guide, 2016*
- ➔ Degrees accredited by the Institution of Mechanical Engineers (IMechE) in the UK
- ➔ MEng programmes provide direct route to Chartered Engineer (CEng) status
- ➔ Prof. Suleiman Sharkh, Faculty of Engineering and the Environment presented with an ExxonMobil Award in 2013 in recognition of teaching excellence

94%

of our students are
satisfied with the
quality of their course
*National Student
Survey, 2014*

We have

10

specialist themes:
choose the right
one for you

We have invested in a new state-of-the-art facility, which includes two 3D printers that allow students to take designs from CAD workstations and print fully functional prototypes

Mechanical engineering is vital to every aspect of our daily lives – you can see it at work all around you. It is a challenging and exciting subject that covers a wide range of technical activities, including the design of machines, manufacturing processes, medical engineering and microsystems technology. Here at Southampton, you will learn the skills required to work in the technology sector, but also the wider range of competencies needed by today’s professional engineer. This breadth of knowledge is developed using a systems approach to most subjects – blending the core technical syllabus with ongoing design exercises that run throughout the programme.

One degree, two countries

Our four-year, split-campus degree enables you to study our MEng Mechanical Engineering in both the UK and Malaysia. The split-campus programme is identical to that offered in the UK and provides the same format and opportunities to study. You will graduate with a degree from an internationally recognised University.

Accreditation

Our MEng programmes provide a direct route for entry to Chartered Engineer (CEng) status and are recognised and accredited by the Institution of Mechanical Engineers in the UK. This accreditation is recognised by engineering boards around the world, including the Board of Engineers Malaysia, through established international agreements, such as The Washington Accord.

Programme structure

We employ a combination of formal and special lectures, tutorials, example classes, laboratory experiments, coursework and individual and group projects. Practical laboratory work forms an essential part of our degree programmes, providing opportunities to get to grips with key equipment in our facilities and improve critical skills and judgement. We will also help you to develop key skills including written and oral presentation skills.

The teaching is structured on a semester pattern. The academic calendar will follow that of our UK Campus and will comprise two semesters commencing at the end of September and January, with

examinations at the end of January and May. Each module is a self-contained part of the programme of study and carries a credit rating.

Years one and two in Malaysia

During your first two years at our Malaysia Campus, you will focus on core engineering science with an emphasis on mechanical engineering, through practical laboratory sessions and lectures. The first two years are the same across the Mechanical Engineering degrees, with students specialising in their third and fourth years.

In your first year, you will study the principles of mechanical engineering, including law, management, modelling and systems design, to develop skills required in the workplace.

In year two, you will put your learning into practice by designing and building a fully functioning 3D printer.

Years three and four in the UK

During years three and four in the UK, you will study a number of core modules specific to your chosen theme. You will also have the opportunity to demonstrate your knowledge and skills through practical projects.

During year three, you will undertake an individual design or research project, which is often sponsored by industry.

In year four, you will work on a group design project. Previous examples include the design and build of robots, which competed in an international robotics competition. You will also take optional modules which will allow you to specialise in areas of interest, such as materials or management.

Core modules

Year 1
Design and Computing
Electrical and Electronic Systems
Mathematics for Engineering and the Environment
Mechanics, Structures and Materials
Professional Engineering and Functional Materials
Thermofluids
Year 2
Electronics, Drives and Control
Engineering Management and Law
Fluid Mechanics
Materials and Structures
Mathematics for Engineering and the Environment Part II
Mechanics, Machines and Vibration
Systems Design and Computing
Thermodynamics
Year 3
Individual Project
Engineering Design with Management
Year 4
Group Design Project

Further information

For information on modules available in years one and two, visit www.southampton.ac.uk/my/undergraduate/courses/mechanical_engineering.page

For information on modules available in years three and four, visit www.southampton.ac.uk/engineering/mech

MEng Mechanical Engineering

Key information

Our standard offers are listed below but where we have places available, students may be admitted with slightly lower grades

A levels: A*AA in Maths, Physics (A* in either) and one other (except General Studies and Critical Thinking)

IB: 38 points overall, 18 at Higher Level including 6 in both Higher Maths and Higher Physics

Sijil Tinggi Persekolahan Malaysia (STPM): AA in Maths and Physics plus A in one other

Unified Examination Certificate (UEC) – Senior Middle Level:

Minimum 5 As including Maths I and II and Physics (not including Art, Chinese or Malay)

Diploma in Mechanical Engineering (Aeronautics), Universiti Teknologi Malaysia (UTM): First-year entry with minimum GPA of 3.4

Monash University Foundation

Year: Minimum of 310 overall with 80 per cent average in Maths and Physics, and subject to attending an extended technical induction programme

English language qualifications:

IELTS 6.5 overall with at least 5.5 in each competence. For other qualifications accepted, visit www.southampton.ac.uk/admissions_language

Application process: Apply directly via our website www.southampton.ac.uk/my/undergraduate/apply.page

Our typical entry requirements may be subject to change.

Before you apply, please visit www.southampton.ac.uk/my/undergraduate/apply/entry_requirements.page

Find out more

T: +607-560 2560 (Malaysia)

T: +44 (0)23 8059 9699 (UK)

E: marketing.malaysia@southampton.ac.uk

 **To download brochure**
www.southampton.edu.uk

Degree | Duration

MEng Mechanical Engineering | 4 years

This programme covers all the traditional core subjects of mechanical engineering, with opportunities to take options that reflect your particular interests, for example automotive, engineering management and sustainable energy systems.

MEng Mechanical Engineering/ Acoustical Engineering | 4 years

The noise and vibration performance of many engineering designs is critical to their success. For example, reducing noise is a key requirement for aircraft, trains and domestic products. You will learn about the analysis, control and design of sound and vibration from world-leading experts in acoustics. You can specialise in diverse areas such as architectural and building acoustics.

MEng Mechanical Engineering/ Advanced Materials | 4 years

This programme will help you develop an in-depth knowledge of the properties of different materials, including composites, which will help you understand the selection of materials in design and manufacture. You will also investigate the modelling of material behaviour and put these skills into practice in your individual and group projects.

MEng Mechanical Engineering/ Aerospace | 4 years

This programme allows you to specialise in aerospace systems while maintaining a broad based mechanical engineering background. The focus is on aircraft aerodynamics, propulsion, avionics and structural design. In the fourth year, you also get the opportunity to develop your management skills.

MEng Mechanical Engineering/ Automotive | 4 years

On this industry-driven programme, you will learn the fundamental principles of vehicle dynamics, structural design, propulsion and automotive electronics. You also have the opportunity to specialise in areas such as race car aerodynamics.

MEng Mechanical Engineering/ Biomedical Engineering | 4 years

This programme provides an insight into the mechanics of the human body and introduces you to the challenges faced in the design, development and testing of medical implants and other devices. In particular, it focuses on orthopaedic biomechanics and issues related to the selection of materials and design as well as the computational methods used to assess their performance.

MEng Mechanical Engineering/ Computational Engineering and Design | 4 years

This programme focuses on the relationship between computation procedures and design. You will develop a sound understanding of using computational methods to solve engineering design problems, for instance using design search and optimisation techniques.

continued overleaf ▶



We have a specialist hip simulator that can test the life of hip replacements.

MEng Mechanical Engineering (cont.)

Key information

Career opportunities

Our graduates enter a range of rewarding careers, including automotive and aerospace engineering, biomedical engineering, materials engineering, the marine and off shore industry, defence and the armed forces, research and development, as well as IT and financial services.

Typical roles include Helicopter Engineer, Development Engineer, CAD Designer, Aerospace Design Engineer, Simulation and Analysis Engineer, Thermal Systems Engineer.

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 To download brochure
www.southampton.edu.my

MEng Mechanical Engineering / Engineering Management | 4 years

In this programme, you will learn about the importance of links between engineering and management, acquiring the technical skills to understand, design and manufacture new products and the expertise to manage the process, people and finances. You will have the opportunity to study specialist modules including industrial law and strategic management.

MEng Mechanical Engineering / Mechatronics | 4 years

Many of the most exciting challenges for mechanical engineers lie at the interface between mechanical engineering and electronics. This programme provides you with a deeper insight into sensors and instrumentation, control and signal processing, and automation and robotics.

MEng Mechanical Engineering / Naval Engineering | 4 years

This programme has been developed in conjunction with the Royal Navy to provide detailed understanding of marine systems engineering and design, balanced with broad training in the key principles of mechanical engineering. Modules in management, marine law and maritime safety will help you develop a range of skills that are particularly suitable if you are interested in naval engineering.

MEng Mechanical Engineering / Sustainable Energy Systems | 4 years

Sustainable energy supply represents one of the key challenges to engineering today. This programme provides you with an overview of modern energy technologies, including renewable energy sources, fuel cells, nuclear engineering and energy economics. You will also study the economics behind energy technology investments and develop your management skills.

“I have been really keen on machinery since I was young, especially heavy machines and hydraulics systems, and this is why I chose this course. I also wanted to experience university life, as it will have a great impact on my future.”

Teh Gem Kiat
MEng Mechanical Engineering



COURSE OVERVIEW

Engineering Foundation Year

Choose Southampton

- ➔ The Foundation Year is combined with a further three- or four-year degree
- ➔ Provides an introduction to the key concepts of engineering
- ➔ You will receive a high level of support and feedback
- ➔ Three intakes each year

Taught
on campus
by
**University
academics**

Choose from
13
undergraduate
degree subjects
on completion

You will learn through a combination of lectures and tutorials, laboratory experiments, coursework and individual and group projects.

Engineering Foundation Year

Key information

Course | Duration

Engineering Foundation Year | 1 year

The Foundation Year will enhance your technical and academic skills, preparing you for undergraduate study.

The Engineering Foundation Year is a one-year preparatory course, which then leads to a three- or four-year (BEng or MEng) degree programme. On successful completion, you will be guaranteed a place on one of our engineering degree programmes. The Foundation Year is suitable for those who have not studied the required subjects for direct entry to an undergraduate degree.

Our course provides the same world-leading education that we offer at our UK Campus. You will build a solid understanding of the key concepts of maths, mechanics, electricity and electronics and engineering principles. The Foundation Year will also develop the academic skills required to study successfully for an undergraduate degree.

You will receive a high level of learning support while you study full-time through a combination of lectures, small-group tutorials, workshops, laboratory practicals

and private study. You will be assessed through examinations and coursework assignments.

Students may choose degree programmes in the following subjects:

At University of Southampton Malaysia Campus

- Aeronautics and Astronautics
- Electrical and Electronic Engineering
- Mechanical Engineering

At University of Southampton, UK

- Acoustical Engineering
- Aeronautics and Astronautics
- Civil and Environmental Engineering
- Computer Science
- Electrical Engineering
- Electrical and Electronic Engineering
- Electromechanical Engineering
- Electronic Engineering
- Geophysics
- Mechanical Engineering
- Physics
- Ship Science
- Software Engineering

Typical course content

- Academic Skills
- Communicating in English
- Computer Applications
- Electricity and Electronics
- Engineering Principles
- Fundamentals of Science and Engineering
- Mathematics for Science and Engineering
- Mechanical Science
- Routes to Success

Our standard offers are listed below but where we have places available, students may be admitted with slightly lower grades

Sijil Pelajaran Malaysia (SPM)/ O-level or equivalent:

5 As in the science stream, including Mathematics and Physics. Minimum B+ in Additional Mathematics

IB: 32 points overall, and must not include Higher Level Maths and Physics
Sijil Tinggi Persekolahan Malaysia (STPM)/A-level: ABB (cannot include subjects suitable for direct entry, normally Mathematics and Physics). However, students need to show an aptitude for Mathematics and take a Foundation Mathematics exam.

English language qualifications:

Students who achieve **IELTS 5.5** with at least **5.5** in each competence will be required to take the module English for Engineers and Scientists in Semesters One and Two

Students who achieve **IELTS 6.5** with at least **5.5** in each competence do not require English language classes

For other qualifications accepted visit www.southampton.ac.uk/admissions_language

Application process: Apply directly via our website http://www.southampton.ac.uk/my/foundation_programme/efyapply.page

Our typical entry requirements may be subject to change. Before you apply, please visit www.southampton.ac.uk/my/foundation_programme/about_foundation.page

Intakes: April, June and September*

*Students who have successfully completed 12 years of schooling (definitions vary from country to country) may be considered for the September intake.

Find out more

T: +607-560 2560 (Malaysia)

T: +44 (0)23 8059 9699 (UK)

E: marketing.malaysia@southampton.ac.uk

[To download brochure](#)
www.southampton.edu.my

“I wasn’t quite ready to start my undergraduate degree but the Foundation Year gave me the opportunity to review topics and develop the skills and principles I needed.”

Annabel Vose
Engineering Foundation Year

HOW TO APPLY

Wherever you are in the world, you can apply directly via our website.

Step one

To download and complete the direct application form from the University of Southampton website, visit www.southampton.ac.uk/my/undergraduate/apply/applicationform.page

Partially completed forms cannot be processed and will lead to delays in the consideration of your application. In addition to the fully completed application form, we require the following documents to be submitted. Your application cannot be processed without these documents:

- One academic reference: this should be from your current or most recent place of study and should be on the institution's official letter head, signed by the referee and carry the institutions' official stamp
- Transcripts showing previous academic awards: these must be certified as a true copy by the awarding institution or by a University of Southampton official agent
- Your current academic transcripts or forecast result: these must be certified by your institution
- Evidence of your English language qualifications
- A copy of your identity card or passport biographical data page

Your completed application and documents should be emailed to admissions.malaysia@soton.ac.uk

Step two

Once we have received your application, an acknowledgement email will be sent to you from the University Admissions office.

Step three

Your application will be considered by our Admissions team and you will be notified of their decision by email.

Application deadlines for international students

- Undergraduate programmes: 30 June 2016
- Engineering Foundation Year (April intake): 01 January 2016
- Engineering Foundation Year (June intake): 01 April 2016
- Engineering Foundation Year (September intake): 30 June 2016

Application deadlines for Malaysian students

- Undergraduate programmes: 30 June 2016
- Engineering Foundation Year (April intake): 15 April 2016
- Engineering Foundation Year (June intake): 10 June 2016
- Engineering Foundation Year (September intake): 31 August 2016

Entry requirements

We accept a wide variety of international qualifications for entry to our courses that must be accompanied by an English language qualification recognised by the University of Southampton. For the latest information about our academic entry requirements, visit:

- For undergraduate degrees: www.southampton.ac.uk/my/undergraduate/apply/entry_requirements.page
- For Engineering Foundation Year: http://www.southampton.ac.uk/my/foundation_programme/about_foundation.page

For the latest information about our English language entry requirements, visit www.southampton.ac.uk/admissions_language





ACCEPTING AN OFFER

We aim to make the application process as easy and quick for you as possible. Once you have received an offer of study from us, follow the instructions below to confirm your place.

Step one

To accept your offer to study with the University of Southampton, complete the Reply to Offer form sent to you with your offer letter and return it by email to the Admissions team at admissions.malaysia@soton.ac.uk

The form should be returned to this email address no more than 30 days after the date on your offer letter.

Step two

On receipt of your completed Reply to Offer form, an email will be sent to you from the Admissions team confirming your acceptance.

Step three

Once you have accepted your unconditional offer or have met the academic conditions set out in your conditional offer to study at the University of Southampton, an invoice for a non-refundable deposit of RM1,000 will be sent to you by email. The deposit amount will be

deducted from your first semester tuition fees. An official receipt will be issued to you once payment has been received.

There are two ways to make your payment. Use only one of the following methods:

- By crossed cheque or bank draft made payable to USMC Sdn Bhd. This should be sent to the Admissions team, University of Southampton Malaysia Campus, Persiaran Canselor, Kota Ilmu, EduCity@Iskandar, 79200 Nusajaya, Johor, Malaysia. An official receipt will be sent to you once funds have cleared
- By telegraphic bank transfer or by over-the-counter payment direct to our HSBC account. A copy of your remittance advice or stamped over-the-counter paying in slip should be sent to the Admissions team at admissions.malaysia@soton.ac.uk. An official receipt will then be sent to you

Bank Name:

HSBC Bank Malaysia Bhd

Account No:

313-365157-101

Branch:

Johor

Swift No:

HBMEMYKL

Step four

Once we have received your deposit we will send you the Accommodation Information and Applicant Pack. You will receive enrolment and induction information approximately one month prior to the start of your course.

 **Find out more**
www.southampton.edu.my

T: +607-560 2560 (Malaysia)

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E: marketing.malaysia@southampton.ac.uk

FEES

Undergraduate Programmes

For undergraduate students the cost of obtaining an engineering degree at our University of Southampton Malaysia Campus (two years in Malaysia and two years in the UK) is around 60 per cent of the cost of obtaining the same degree in the UK only.

	Malaysian students	International students
Years 1 and 2 (in Malaysia)	RM47,700 (£8,053) per annum	RM52,200 (£8,815) per annum
Years 3 and 4 (in the UK)	£18,910 (RM109,570) per annum	£18,910 (RM109,570) per annum

Years one and two are paid in Malaysian ringgits. Years three and four are paid in British pounds sterling. Fees shown are for the 2016-17 academic year and are fixed for the duration of the programme. The conversions are correct at time of print. Fees may be subject to change and for more information on the latest fees, visit www.southampton.edu.my

Engineering Foundation Year

The Engineering Foundation Year is a one-year preparatory course, which then leads to a three- or four-year (BEng or MEng) degree programme.

	Fees 2016/17
Malaysian students	RM26,832 (£4,700)
International students	RM30,264 (£5,151)

 **Find out more**
www.southampton.edu.my

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SCHOLARSHIPS

Undergraduate Scholarships

All applicants to the University of Southampton Malaysia Campus will be eligible for scholarships. These are based on academic excellence and achievement and are open to both Malaysian and international applicants. All scholarships are bond-free.

Top Achiever Scholarships: 100 per cent scholarships are awarded to our most academically outstanding students at entry. These are highly competitive and the number awarded varies each year. These scholarships do not include living expenses, and are applicable to year one entry students and for the first year of study only. Students must complete their degree at the University of Southampton. No separate application is needed, students are automatically considered.

High Achiever Scholarships: 25 per cent scholarships are awarded to all students achieving a minimum of AAA grades in A levels or equivalent. The scholarships are a reduction in tuition fees. They are applicable to year one entry students and for the first year of study only. No separate application is needed, students are automatically considered.

Transition Bursaries: 20 per cent scholarships are awarded to all students who successfully progress from year two at our Malaysia Campus to years three and four at our Southampton Campus. Students must pass years one and two in order to receive these scholarships, which are a reduction of the year three and year four tuition fees.

Foundation Year Scholarships

The University offers a wide range of scholarships to Foundation Year applicants. These are based on academic excellence and achievement and are open to Malaysian applicants only. All scholarships are bond-free.

For the latest information on our scholarships for international students, please visit our website.

Top Achiever Scholarships: 100 per cent scholarships are awarded to all students achieving a minimum of 9A+ and above in SPM/9A* and above in O-level (must include A in Physics and Maths and B+ in Additional Maths). These scholarships do not include living expenses. Students must be Malaysian citizens. The scholarships are non-transferable and only apply whilst the recipient remains a registered, full-time, active student for the duration of the programme. Recipients of the Top Achiever scholarships must pursue an undergraduate programme with University of Southampton Malaysia Campus after completion of the Engineering Foundation Year. The recipient will need to refund the scholarship amount in full in the event of change of course or university. No separate application is needed, students are automatically considered.

High Achiever Scholarships: scholarships are awarded to all students who receive the grades below.

5-6 As in SPM/O-level:*

15 per cent scholarships are awarded to all students achieving 5-6 As in SPM/O-level*.

7-8 As in SPM/O-level:*

25 per cent scholarships are awarded to all students achieving 7-8 As in SPM/O-level*.

9-10 As in SPM/O-level:*

30 per cent scholarships are awarded to all students achieving 9-10 As in SPM/O-level*.

11 As and above in SPM/O-level:*

35 per cent scholarships are awarded to all students achieving 11 As and above in SPM/O-level*.

*Must include A in Physics and Mathematics, and minimum B+ in Additional Mathematics.

The scholarships are a reduction in tuition fees. No separate application is needed, students are automatically considered.

Dean's Progression Scholarships: scholarships are awarded to all students who successfully progress onto an undergraduate programme at the University of Southampton Malaysia Campus.

10 per cent deduction of year one fees for all students who progress.

25 per cent deduction of year one fees for students with a minimum average of 75 per cent in Foundation Year.

50 per cent deduction of year one fees for students with an average of 90 per cent and above in Foundation Year.

 **Find out more**
www.southampton.edu.my

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T: +44 (0)23 8059 9699 (UK)

E: marketing.malaysia@southampton.ac.uk

STUDENT SUPPORT

Students from more than 130 different nations currently study with us and our network of university partnerships spans the globe.

SUPPORT IN MALAYSIA

(Years one and two and Foundation Year)

Career Information

Students at the Malaysia Campus will have access to online resources and guidance material.

Enabling Services

The University of Southampton is committed to providing a range of quality services and support for students with disabilities, health conditions, and specific learning difficulties. These services are accessible from Malaysia, via Skype. It is important to get in touch with Enabling Services before you come to the UK for year three so any support you need is in place ready for your arrival.

International Office

Staff from the International Office make numerous visits overseas each year, including pre-departure information briefings. Face-to-face contact is the best way of getting to know the University if you can't actually visit us here. For a list of events we will be attending in the future, see <http://www.southampton.ac.uk/uni-life/international/meet-in-your-country.page>

Meet and Greet

Our Meet and Greet Service at Kuala Lumpur International Airport will help make your journey to our Malaysia Campus as simple and stress-free as possible. To ensure that a member of staff from the University is there to meet you, inform the University of Southampton Malaysia Campus seven working days before you travel.

Meet Us

Visiting the University is a great opportunity to see the campus and find out what it's really like to live and study here. Find out about our Open Days by visiting www.southampton.ac.uk/my/undergraduate/open_days.page

Pastoral Support

We recognise that university life is not just about your studies. You will be assigned a personal tutor who can provide help and support on academic and personal issues.

Transition to UK

We provide comprehensive guidance to students moving from our Malaysia Campus to our Southampton Campus for your third year of study. These include a key activities timetable to guide you through each step of your journey, a buddy scheme to help you settle into life in the UK and advice on applying for visas and opening bank accounts. For more information, visit <http://www.southampton.ac.uk/my/students/transition/index.page>

Welcome Programme

We provide support to all new students which includes information about studying and living in Malaysia.

SUPPORT IN THE UK (Years three and four)

Career Information

Our support ranges from careers fairs, work-based learning opportunities and a range of workshops to develop your skills for graduate employment.

Counselling Service

The Service offers a confidential short-term counselling service for students who would benefit from

talking through difficulties impacting on their life or studies.

Enabling Services

The University of Southampton is committed to providing a range of quality services and support for students with disabilities, health conditions, and specific learning difficulties. These services can be offered via face-to-face appointments, on the phone or via Skype.

Financial Information and Assistance

Should you find yourself in financial difficulty while studying at the University of Southampton, the Financial Information and Assistance team may be able to provide you with help and support.

First Support

The team is the first point of call for students who are experiencing difficulty or are in crisis and is available when you transfer to Southampton.

Meet and Greet

Our Meet and Greet Service from London Heathrow Airport is free of charge and is designed to get you to Southampton in time for the Welcome Programme. For more information, visit <http://www.southampton.ac.uk/uni-life/international/welcome.page>

Pastoral Support

We recognise that university life is not just about your studies. You will be assigned a personal tutor who can provide help and support on academic and personal issues.

University Residences

We will support you in applying for residence at our UK halls of residence.

Welcome Programme

In September each year our Welcome Programme is designed to help students settle in to life at the University.

INTERNATIONAL STUDENTS

We want to ensure that the experience of all our international students at the University of Southampton is positive and rewarding. Before you arrive in Malaysia, on your arrival and throughout your studies, our network of professional services staff and academic advisors will help you to settle in and offer ongoing support.

Cost of Living

The cost of living in Malaysia (in addition to tuition fees) will be approximately RM1,200 – RM1,500 per month. This should cover your accommodation, food and meals, daily travel, books and stationery

Facts about Malaysia

- Malaysia has a diverse mixture of races and religions with a population of more than 26 million. For information about Malaysia's culture and heritage, visit www.tourism.gov.my/en/my/about-malaysia
- Bahasa Malaysia is the national language but English, Mandarin and Tamil are also widely used
- Islam is the official religion of Malaysia, but the Constitution guarantees freedom of worship, whereby Christianity, Hinduism, Buddhism and other religions are freely practised

- Malaysia is divided into 13 states and three Federal Territories (Putrajaya, Kuala Lumpur and Labuan)
- Malaysia is a tropical country, with typical temperatures ranging from 21°C to 32°C. Humidity is typically around 80 per cent
- Malaysia has two distinct seasons: the dry season lasts from May until September and the rainy season lasts from mid-November until March
- Malaysia's currency is known as Ringgit Malaysia (RM or MYR)

International Student Guide

For information on customs regulations, employment, immigration, medical insurance and the student pass, please see our International Student Guide http://www.southampton.ac.uk/my/international/student_guide.page



Meet and Greet

Our Meet and Greet Service at Senai International Airport will help to make your journey to the University as simple and stress-free as possible. If you have booked accommodation at EduCity Student Village, we will arrange for you to be taken directly there. For further details about this service, and everything you need to know about applying and studying at the Malaysia Campus, please see our International Student Guide.

Quality of Education Experience

Our Malaysia Campus will offer you the same quality of teaching as in the UK and an outstanding learning experience, much of it delivered by UK academic staff.



 **Find out more**
www.southampton.ac.uk/my/international/index.page

T: +44 (0)23 8059 9699 (UK)

T: +607-560 2560 (Malaysia)

E: marketing.malaysia@southampton.ac.uk

HOW TO FIND US

Malaysia

The Malaysia Campus is located near the southwestern tip of Malaysia, about four hours' drive south of Malaysia's capital city, Kuala Lumpur.

The campus is located within the EduCity@Iskandar development in a regional city called Nusajaya. A 305-acre site dedicated to education, EduCity is modelled on the Dubai Knowledge city.

Nusajaya is accessible from the North-South Expressway, which links all major cities on the West Coast of Peninsular Malaysia between Thailand and Singapore. The North-South Expressway is also connected to other major expressways including the Malaysia-Singapore Second Crossing, also known as the Second Link.

EduCity lies within 60 minutes of Singapore Changi International Airport (SCIA) and 30 minutes of Senai International Airport. Central Singapore is approximately a 40-minute drive away.



The **exceptional sports facilities** available to our students

University of Southampton Malaysia Campus (913717-X)

No. 3, Persiaran Canselor 1,
Kota Ilmu Educity @ Iskandar,
79200 Nusajaya, Johor,
Malaysia

KPT/JPS/DFT/US/Jo4



A 305-acre site dedicated to education, **EduCity** is modelled on the Dubai Knowledge City



UK

Southampton is located just over one hour from central London, on the south coast of England. We are surrounded by areas of natural beauty including the New Forest and the Isle of Wight, and connected to the rest of the UK and Europe through superb road, rail, air and sea links.

Our Southampton campuses are well connected to the national road network. The M3 motorway links Southampton directly to London.

Southampton Airport is about 10 minutes from our Southampton campuses by bus or taxi. There is a full UK domestic service, as well as flights to mainland Europe, including Schiphol Amsterdam, and the Channel Islands. If you are arriving in the UK via London Gatwick or London Heathrow airports, you can reach Southampton by road, bus, coach and rail.

We run the award-winning unilink bus service that connects our Southampton campuses with all the major transport links in the city. You can buy tickets at the unilink office or on the bus.

Southampton is a cultural and commercial capital of the south coast. For more information, visit www.southampton.ac.uk/visitus/southamptoncity.html

Top
20

retail destination
in the UK



Coastal location offering a vast range of **sport and leisure opportunities**, with **waterfront marinas, restaurants and bars**



Malaysia Campus students visiting Southampton Football Club



Southampton is
1 hour
from London by train



Find out more

www.southampton.ac.uk/about/visit.page

NOTES

www.southampton.edu.my
marketing.malaysia@southampton.ac.uk
+607-560 2560 (Malaysia)

www.facebook.com/MalaysiaCampusSoton
Malaysia Campus YouTube channel

Visit: www.youtube.com/c/UniversityofSouthamptonMalaysiaCampusUSMC

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