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Greetings

Professor Richard A. Williams

Choosing a university is one of the most important decisions in your life and I believe there are many reasons why you should choose Heriot-Watt University.

We are one of the world’s leading universities for business and industry and have a reputation for innovative education, enterprise and groundbreaking research. We are highly regarded for the professional relevance of our degrees and the employability of our graduates.

Heriot-Watt is a truly global university – with a lively and vibrant academic community of over 28,000 students, from more than 150 countries, studying for degrees worldwide. This was highlighted in the 2018 Times Higher Education World University Rankings which ranked us in the world’s top 20 for international mix of our students.

We have also been recognised by The Times/Sunday Times, who have named us their International University of the Year for 2018.

Whether you choose to study in Malaysia, Dubai or the UK, Heriot-Watt offers a proven learning environment, excellent facilities and study opportunities, and delivers the same high-quality education, reflecting our goal to share knowledge across the world, enriching the people and countries in which we work.

But choosing a university is about more than numbers and an academic education. Learning at Heriot-Watt is underpinned by our strong emphasis on our values and development of the character of each student as an individual.

We believe in providing you with an exceptional student experience, where you will build lifelong friendships and where you will be on the fast track to a genuinely world-class professional career.

I invite you to join us here at Heriot-Watt University.
Welcome

Professor Mushtak Al-Atabi

Welcome to our exciting ‘green’ campus at Putrajaya where we have created an inspirational place to study, in a stunning lakeside location.

Thank you for considering Heriot-Watt University Malaysia. With a history dating back to 1821, the University has a long tradition of teaching specialist degree programmes at both undergraduate and postgraduate level, in key subjects areas such as Engineering, Actuarial Science, Construction, Accounting, Psychology and Business Management. We also offer Foundation programmes to help you fully prepare for entry at degree level.

At Heriot-Watt University Malaysia, we encourage you to challenge yourself and to realise your potential, both professionally and emotionally. Our stunning, purpose-built green campus provides the perfect environment for study, reflection and interaction with students and staff from around the world.

You can also take advantage of our exciting Go Global programme, which provides a unique opportunity to travel, live and study at our other campuses in the UK and Dubai as part of your degree - the perfect foundation for a successful global career.

With academic staff, students and alumni from all over the world, first class facilities, a supportive environment and a strong tradition of high quality education, I am confident that Heriot-Watt University is the right choice for you to realise your ambition.

I look forward to welcome you personally into our global community.
Top 15 in the UK for international student mix. QS World University Rankings 2017/18.


Top 150 worldwide for Chemical Engineering and Civil and Structural Engineering. QS World University Rankings 2017.
Choose Heriot-Watt

Heriot-Watt is one of the world’s leading universities with strong links to international business and industry driven by our established reputation as a top research-led institution.

With a heritage stretching back to 1821, Heriot-Watt University Malaysia was established in 2012, the first university to be built in the country’s administrative capital, Putrajaya. We are a truly global university, bringing together leaders in ideas and solutions to deliver innovation, educational excellence and ground-breaking research.
STUDY AT HERIOT-WATT UNIVERSITY

FROM TOP 10 RANKINGS TO STUDY ABROAD OPTIONS, THERE ARE MANY REASONS TO CHOOSE HERIOT-WATT. HERE ARE JUST A FEW OF THEM.

A RICH HERITAGE
We are proud that since our foundation in 1821, we have been outward looking pioneers of education, in pursuit of knowledge to the benefit of society and the world.

GLOBAL REACH
We are a truly global university with over 28,000 students, five campuses and over 100 learning partners around the world. As a Heriot-Watt student you have the opportunity to move between campuses for a semester, a year, or more.

A WORLD-CLASS REPUTATION
We are world renowned for excellence in teaching and research. We are one of the top 30 universities in the UK (The Guardian University League Table 2018) and are in the top 10 in the UK and 1st in Scotland for research impact (REF 2014).

STRONG LINKS TO BUSINESS AND INDUSTRY
Our taught programmes and research are informed by the needs of business and industry. We actively facilitate collaborations and partnerships, building strategic alliances and promoting knowledge transfer.

GLOBALLY EMPLOYABLE GRADUATES
Our programmes are designed to ensure that students receive a relevant, career-orientated education. Graduates from Heriot-Watt University Malaysia work for companies like BAE Systems, Cargill, CIMB, YTL, MNRB and Hong Leong.

OCCUPATIONAL CAREER OPPORTUNITIES TO STUDY ABROAD
When you join Heriot-Watt University you become part of a friendly, global community. We actively encourage our students to push geographical boundaries through opportunities to study in Edinburgh and Dubai.

WORLD-CHANGING RESEARCH
Heriot-Watt University is globally recognised for pioneering research and innovation, changing the world and transforming lives. Our research focuses on real world issues and we are ranked in the top 10 in the UK for industry income. This is based on the value of industry research income per member of academic staff.

WORLDWIDE NETWORK
When you join Heriot-Watt you become part of a global family. We have over 120,000 alumni worldwide. The Watt Club was founded in 1854 and is the oldest graduate club in the UK. Lifetime membership is automatic upon graduation from Heriot-Watt and is free to all graduates of the University.

WORLD-CLASS RESEARCH
The Research Excellence Framework (REF) 2014 ranked Heriot-Watt 9th university in the UK for impact with 82% of research ranked world-class.

STRONG HERITAGE
We have been successfully educating and inspiring tomorrow’s professionals for more than 195 years.

5 GLOBAL CAMPAUSSES
A truly international university with five global campuses, partners in over 100 countries and over 28,500 students studying worldwide.

85% GRADUATE-LEVEL JOBS
Over 85% of our postgraduates are in graduate-level jobs or further study six months after completing their programme and are actively sought by global industry.

33rd RESEARCH IMPACT
Heriot-Watt was assessed 33rd in the latest UK 2014 Research Excellence Framework out of 154 UK universities, up from 45th in 2008.
Why Malaysia

Making the most of both learning and leisure time is second nature to the aspiring Heriot-Watt University student studying at the Malaysia Campus.

Kuala Lumpur is ranked 1st as the most affordable city to live in, according to QS University Rankings 2017.

1st

The striking campus reveals itself within the landscape, from beneath a living grass roof. Located next to the Putrajaya lake, part of the administrative capital’s ‘green continuum’, the building is consciously designed with the environment in mind and is built to Green Building Index (GBI) standards.

Dubbed “Mini Asia”, Malaysia is a multi-racial and multi-ethnic country where the majority are Malays, Chinese and Indian.

12th

Home to some of the world’s most idyllic beaches and islands, Malaysia has over 4,600km of coastline with over 90 to choose from. Located on the equator’s belt, the country has 12 hours of sunlight every day, with an average temperature of 27 degrees Celsius.

The capital of Malaysia is

Kuala Lumpur

The population is estimated at 30 million people

30 MILLION

Ranked 12th in UNESCO’s Top 20 Countries for Student Destination

4,600 km
Living in Malaysia

A superb location and high-quality environment for academic study. Malaysia consists of two areas of mainland, separated by the South China Sea, namely West Malaysia – or more popularly known as Peninsular Malaysia – and East Malaysia.

The country has a total land area of 329,758 km² made up of 13 states and three Federal Territories of Kuala Lumpur, Putrajaya and Labuan. Malaysia is situated in South-eastern Asia, between 2 and 7 degrees north of the Equator. To the north of Peninsular Malaysia is Thailand and to the south is Singapore.

Dubbed “Mini Asia”, Malaysia is a multi-racial and multi-ethnic country where the majority are Malays, Chinese and Indian. In addition, there are some 29 ethnic groups including the majority groups of Dayaks in Sarawak, and Kadazans in Sabah. The population is estimated at 30 million people.

The capital of Malaysia is Kuala Lumpur. Bahasa Malaysia is the national language, although English is widely used and spoken. The Mandarin language and Chinese dialects, particularly Cantonese and Hokkien, as well as Indian dialects like Tamil are common among the Chinese and Indian communities respectively.

Islam is the official religion of the nation. However, the Malaysian Constitution guarantees freedom of worship and as such, Christianity, Hinduism and Buddhism make up the other primary religions embraced by the Malaysian society.

All transactions in Malaysia are carried out using the official Malaysian currency of Ringgit (RM). The current exchange rate at time of publication is GBP £1 = RM 5.53* and all major currencies can be exchanged for the Ringgit.

Malaysia has a pleasant tropical climate and is generally warm all the year round with temperatures ranging from 21 to 33°C. The general weather is humid with annual rainfall varying from 2,000mm to 2,500mm.

For more information about the country and places of interests visit the Tourism Malaysia website:


*correct at time of going to press.

www.hw.edu.my
A Global University

With our roots in Scotland, our ambition and reach are truly international. A leader in transnational education, wherever we are, Heriot-Watt is a powerful driver and engine of the economy. Together with our alumni, civic community and industry partners, we transform people, society and the world we live in.

Our global campuses are situated in some of the world’s most inspiring locations. Each offers superb facilities, safe surroundings and an international welcome. We offer a unique learning environment close to the exciting and vibrant cities of Edinburgh, Dubai and Kuala Lumpur.

TOUR OUR INTERNATIONAL CAMPUSES AT:
www.hw.ac.uk/virtualtours
Edinburgh

**A FESTIVAL CITY WITH AN INTERNATIONAL OUTLOOK**

Living in Edinburgh is exciting and fulfilling. Home to the Edinburgh International Festival and the Edinburgh Festival Fringe, it is a focal point for art, culture, comedy and drama. The Edinburgh Campus is an exceptional environment within easy reach of one of Europe’s most exciting cities. Exceptional teaching facilities and our close links with industry make our Edinburgh Campus a fulfilling and stimulating environment, while our £7 million purpose-built Postgraduate Centre is a hub for advanced learning and research. Our Edinburgh Campus is truly international; over 10,500 staff and students are based here, with around a third of them coming from outside the UK.

Find out more: [www.hw.ac.uk/edinburgh](http://www.hw.ac.uk/edinburgh)

Dubai

**WORLD-CLASS EDUCATION TAILORED TO UAE INDUSTRY NEEDS**

With a recent investment of £35 million our campus in the Dubai International Academic City is a modern, contemporary environment for around 3,400 students who are studying programmes tailored to meet the demands of the UAE and wider Middle Eastern and African economies and employment markets.

Find out more: [www.hw.ac.uk/dubai](http://www.hw.ac.uk/dubai)

Scottish Borders

**A WORLD-LEADING CENTRE FOR CREATIVITY**

Our Scottish Borders Campus is located in the heart of the Scottish luxury textiles industry. This inspiring learning environment is a centre for excellence and an exceptional place for learning and living. The Scottish countryside setting brings its own special perspective to your experience here. A new Scottish Borders rail route opened in September 2015 giving students access to Edinburgh city centre in 50 minutes.

Find out more: [www.hw.ac.uk/borders](http://www.hw.ac.uk/borders)

Malaysia

**AN INSPIRATIONAL PLACE TO STUDY**

Our state-of-the-art, £35 million Malaysia Campus in a stunning lakeside location opened in September 2014, creating opportunities for up to 4,000 students to study a range of professionally relevant programmes tailored to the needs of the Malaysian and Asian economies and employment markets.

Find out more: [www.hw.ac.uk/malaysia](http://www.hw.ac.uk/malaysia)

Orkney

**A ‘LIVING LABORATORY’ SUPPORTING THE GLOBAL MARINE INDUSTRY**

The International Centre for Island Technology (ICIT) is a specialist arm of the School of Energy, Geoscience, Infrastructure and Society. With strong international industry links and collaborations, Orkney’s MSc programmes are truly global. Its location in the sheltered harbour of Hamnavoe and Scapa Flow provides a ‘living laboratory’ which supports a wide range of research, teaching and consultancy activities in the marine, oil and gas, and fisheries sectors.

Find out more: [www.hw.ac.uk/orkney](http://www.hw.ac.uk/orkney)
Heriot-Watt University’s prestige and reputation was the biggest appeal for me to choose to study here. Furthermore, the course material offered in the MSc Construction Project Management was relevant and applicable in the work that I do.

Goh Tze Meng,  
MSc Construction Project Management
Go Global

Study and see the world: At Heriot-Watt, you have the opportunity to enjoy a truly international experience. We are one of the world’s top universities for international student mix and you have the chance to become a global student by taking part in an Inter-Campus Transfer to our Edinburgh or Dubai Campuses.

www.hw.ac.uk/goglobal

Become a Global Student

Heriot-Watt encourages students to gain an international experience as part of their studies. Our Go Global Programme provides opportunities to study and see the world.

We have campuses in the UK, Dubai and Malaysia. As a student at Heriot-Watt you can take advantage of our international campus locations by transferring to another campus for a semester, a year or longer. It’s also possible to transfer to more than one location.

Inter-Campus Transfers are available to undergraduate students. In order to be eligible your programme must be running at the other campus. You can check this at: www.hw.ac.uk/undergraduate or www.hw.ac.uk/malaysia

Why Go Global?

- Broaden your horizons
- Experience new cultures
- Build your global network
- Enhance your career prospects

Studying abroad is a great opportunity to meet people, discover new interests and develop your life skills. It can build your confidence, develop your adaptability and hone your resourcefulness, which are all important personal attributes valued by employers.

In today’s world of globally connected business, the network, knowledge and experience you build up while studying abroad in Europe or Asia can give you a competitive edge, as well as add a new perspective to your life, aspirations and career options.

For more information on Inter-Campus Transfers, visit www.hw.ac.uk/goglobal or contact MYStudentCentre@hw.ac.uk.

I am grateful to be part of the Go Global programme, enabling me to study in the UK. It has opened many doors for me both in Malaysia and in the UK. I am currently working at BAE Systems in Glasgow, Scotland after graduating in 2017 recently. I am a living testimony to Heriot-Watt’s Go Global programme.

Florence Ong
Chemical Engineering Graduate
Former school: SMK Seafield

www.hw.edu.my
What Can I Study at Heriot-Watt

All of our taught programmes and research degrees are grouped into subject tables on the following pages with an indication of the level of award. To get more detailed information on the structure of our programmes including course content, entry requirements, modes of delivery (full-time/part-time), fees and funding please go to our website: www.hw.edu.my/programmes
### Foundation, Undergraduate and Postgraduate Programmes

<table>
<thead>
<tr>
<th>Level</th>
<th>Field</th>
<th>Programme</th>
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<td>Foundation in Science</td>
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<tr>
<td></td>
<td></td>
<td>Foundation in Business</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UG</td>
<td></td>
<td>Actuarial Science</td>
<td>BSc (Hons)</td>
<td>22</td>
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<tr>
<td>UG</td>
<td></td>
<td>Construction Project Management</td>
<td>BSc (Hons)</td>
<td>24</td>
</tr>
<tr>
<td>UG</td>
<td></td>
<td>Quantity Surveying</td>
<td>BSc (Hons)</td>
<td>25</td>
</tr>
<tr>
<td>PG</td>
<td></td>
<td>Construction Project Management</td>
<td>MSc</td>
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</tr>
<tr>
<td>PG</td>
<td></td>
<td>Commercial Management and Quantity Surveying</td>
<td>MSc</td>
<td>28</td>
</tr>
<tr>
<td>UG</td>
<td></td>
<td>Accounting and Business Finance</td>
<td>MA (Hons)</td>
<td>30</td>
</tr>
<tr>
<td>UG</td>
<td></td>
<td>Bachelor of Business Administration</td>
<td>BBA (Hons)</td>
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</tr>
<tr>
<td>UG</td>
<td></td>
<td>Business and Finance</td>
<td>MA (Hons)</td>
<td>32</td>
</tr>
<tr>
<td>UG</td>
<td></td>
<td>International Business Management</td>
<td>MA (Hons)</td>
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<tr>
<td>UG</td>
<td></td>
<td>International Business Management with Enterprise</td>
<td>MA (Hons)</td>
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<tr>
<td>UG</td>
<td></td>
<td>International Business Management with Human Resource Management</td>
<td>MA (Hons)</td>
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<tr>
<td>UG</td>
<td></td>
<td>International Business Management with Marketing</td>
<td>MA (Hons)</td>
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<tr>
<td>UG</td>
<td></td>
<td>International Business Management with Year Abroad</td>
<td>MA (Hons)</td>
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</tr>
<tr>
<td>PG</td>
<td></td>
<td>Business Strategy, Leadership and Change</td>
<td>MSc</td>
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<tr>
<td>PG</td>
<td></td>
<td>International Business Management with Finance</td>
<td>MSc</td>
<td>39</td>
</tr>
<tr>
<td>PG</td>
<td></td>
<td>International Business Management with Marketing</td>
<td>MSc</td>
<td>40</td>
</tr>
<tr>
<td>PG</td>
<td></td>
<td>Master of Business Administration</td>
<td>MBA</td>
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<tr>
<td>PG</td>
<td></td>
<td>Strategic Project Management</td>
<td>MSc</td>
<td>42</td>
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<tr>
<td>UG</td>
<td></td>
<td>Chemical Engineering / Chemical Engineering with Oil and Gas Technology</td>
<td>BEng (Hons)/MEng</td>
<td>44</td>
</tr>
<tr>
<td>UG</td>
<td></td>
<td>Civil Engineering</td>
<td>BEng (Hons)/MEng</td>
<td>45</td>
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<tr>
<td>UG</td>
<td></td>
<td>Electrical and Electronic Engineering</td>
<td>BEng (Hons)/MEng</td>
<td>46</td>
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<tr>
<td>UG</td>
<td></td>
<td>Mechanical Engineering</td>
<td>BEng (Hons)/MEng</td>
<td>47</td>
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<tr>
<td>UG</td>
<td></td>
<td>Petroleum Engineering</td>
<td>BEng (Hons)/MEng</td>
<td>48</td>
</tr>
<tr>
<td>PG</td>
<td></td>
<td>Energy</td>
<td>MSc</td>
<td>50</td>
</tr>
<tr>
<td>PG</td>
<td></td>
<td>Petroleum Engineering</td>
<td>MSc</td>
<td>51</td>
</tr>
<tr>
<td>PG</td>
<td></td>
<td>Renewable Energy Engineering</td>
<td>MSc</td>
<td>52</td>
</tr>
<tr>
<td>UG</td>
<td></td>
<td>Psychology</td>
<td>BSc (Hons)</td>
<td>54</td>
</tr>
<tr>
<td>UG</td>
<td></td>
<td>Psychology with Management</td>
<td>BSc (Hons)</td>
<td>55</td>
</tr>
<tr>
<td>PG</td>
<td></td>
<td>Business Psychology</td>
<td>MSc</td>
<td>56</td>
</tr>
</tbody>
</table>

- **Actuarial Mathematics and Statistics**
- **Building and Town Planning**
- **Business**
- **Engineering**
- **Psychology**
If you want an educational journey that is fun and rewarding, Heriot-Watt is definitely the right place to be! You can connect with people across the globe, meeting new friends from culturally diverse backgrounds.

The conducive environment here empowers you to grow as a well-rounded person, both academically and personally.

Darsharn Ravichandran
Malaysian Foundation Programme (Foundation in Business-Actuarial Science)
Former school: SMK Maxwell
Overview
- The tailored programme of courses is a direct pathway to your choice of a range of professionally relevant degrees
- The focused academic content is taught in a way that introduces you to independent learning
- Your development is monitored through regular assessments and feedback. On achievement of the required grades, you can transfer to your degree in September of the following year
- You will experience the highly ranked teaching we are recognised for globally plus state-of-the-art facilities at the new Putrajaya Campus.

Mentoring
Our academic staff are not only teaching professionals but are also key to the student support system. From day one you will be introduced to a member of the teaching team who will be your mentor and will be able to provide general guidance and support.

University-Style Teaching
The Foundation Programme introduces you to the style of teaching that best prepares you for degree level studies with lectures, tutorials and seminars.

Our intensive and focused programme enables you to:
- transition seamlessly into degree-level studies
- make an informed choice about your degree
- develop independent learning skills through our problem-based and student-centric learning approaches
- learn to work in groups, conduct research and deliver presentations.

Successful completion of the Foundation programme enables entry to the first year of your undergraduate degree at Heriot-Watt University Malaysia or the equivalent level offered in the UK and Dubai campuses.
Overview
Our Foundation Programme consists of 3 semesters. Students who have completed their Sijil Peperiksaan Malaysia (SPM), or O-Levels, or the equivalent level of studies, can choose:
- Foundation in Science
- Foundation in Business
- Foundation in Business (Actuarial Science route).

Courses
All the courses taught are designed to directly relate to the progression degrees offered on your choice of programme; the Foundation in Science, the Foundation in Business or its Actuarial Science route.
You will learn to use English effectively to perform a variety of academic tasks, such as delivering oral presentations, managing group discussions, conducting research, and writing essays. You will also be exposed to a range of study skills essential to succeed at university.

Assessment
You will be assessed regularly throughout the programme to ensure your progress is on track to achieve the standard required for transfer to your chosen degree programme. Your development is monitored through continuous assessments and a final examination.

Admissions Note
Please note that entry to BSc (Hons) Actuarial Science requires an A in Mathematics in the Foundation programme. If this standard is not achieved, there are options to transfer to the range of business degrees subject to academic decision.
Foundation in Science students also have the option to transfer to business or building and town-planning related degrees.

INTAKE: April or July
DURATION: Full-time, 3 semesters
FEES: See website for details: hw.edu.my/fees
PROGRAMME: Foundation in Science KPT/PS (N/010/3/0223) (FA4351) 01/19, Foundation in Business KPT/PS (N/010/3/0240) (FA4351) 03/19
Heriot-Watt University Malaysia is proud to introduce the Youth Transformation Programme (YTP) exclusively for those who plan to apply to our Foundation programme. The programme features inspiring speakers, highly interactive events and projects that will help bring out the best in you.

Come and enjoy a highly motivating programme that will help you develop and achieve your full potential in areas such as creativity, emotional intelligence (EQ), critical thinking and communication. The YTP is open to students who have achieved a minimum of 5C’s in relevant subjects in SPM, O-Levels or the equivalent.

- Develop your own Vision and Mission
- Collaborate effectively to accomplish a project
- Identify your strengths, passion and potential
- Discover your study and career pathway

The following are some of the workshops and programmes under the YTP:
- The Successful Mind-set
- Ace It with Communication
- Creativity and Innovation
- Team Dynamics
- Emotional Intelligence
- Rewiring Your Brain
- Knowing Me, Myself and I
- Career Planning
- Project Showcase
Actuarial Mathematics and Statistics

Our team of leading academics is internationally recognised for research, scholarship and teaching in mathematical and actuarial sciences.

“Heriot-Watt has both the academic and professional aspect well covered. The University has the most widely recognised Actuarial Science course, while also providing opportunities for me to develop skills, character and connections.”

Nicholas Chong Ing Hooi
(Malaysian Securities Commission scholar and Student Association president)
2nd Year, Actuarial Science
Former school: SMJK Chung Ling
Actuarial Science
BSc (Hons)

Overview
If you excel at mathematics, enjoy problem solving and are looking for a degree that will prepare you for a rewarding career – both intellectually and financially – Actuarial Science could be the programme for you. Heriot-Watt’s Actuarial Science programme contains all the courses that are essential for ensuring a flying start to a career as an actuary whilst at the same time fostering highly transferable mathematical skills.

Accreditation
This is the only programme in Malaysia to receive the full 8 paper exemption by the UK Institute and Faculty of Actuaries (IFoA). Good performance means exemptions from all Core Technical subjects, CT1 to CT8, giving prospective actuaries an advantage over those in other mathematics programmes.

Career Opportunities
The degree provides a wide range of career options, and actuarial graduates have an excellent reputation with employers. Successful careers include positions in the insurance, finance and consulting sectors, as well as in more general areas such as accounting, banking or teaching.

Teaching and Assessment
Teaching is delivered through a combination of lectures, tutorials, computer labs and project work. Assessment is generally based on coursework, an exam at the end of the semester, or a mixture of the two.

Core Courses
YEAR 1
- Probability and Statistics A
- Actuarial and Financial Mathematics A
- Multivariable Calculus and Real Analysis A
- Linear Algebra
- Probability and Statistics B
- Actuarial and Financial Mathematics B
- Multivariable Calculus and Real Analysis B

YEAR 2
- Statistical Models A
- Life Insurance Mathematics A
- Stochastic Processes
- Portfolio Theory and Asset Models
- Statistical Models B
- Life Insurance Mathematics B
- Survival Models
- Derivative Markets and Discrete-time Finance

YEAR 3
Students typically take Introductory Economics, Continuous-Time Finance, Risk Theory, and Time Series Analysis and can choose from a range of options such as Statistics for Social Science, Bayesian Inference and Computational Methods and Optimisation.

Students take a total of 8 courses per year including core, optional and elective courses/projects. For full details of the optional and elective courses please refer to our website.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science:
ABBC – A in Mathematics, B in Physics and Chemistry, C in Academic English/Study Skills
Heriot-Watt University Malaysia Foundation in Business Actuarial Science route:
ABBC – A in Mathematics, B in Accounting and Finance, B in Business Management, C in Academic English/Study Skills or A-Level: AAB including A in Mathematics or STPM: AAB including A in Mathematics or Diploma or any other relevant qualification, with a high level of attainment in mathematics, recognised by the Malaysian Government.

This programme is recognised by a number of organisations which offers generous merit and hardship scholarships. For more information, see page 67.

Accreditation by
Institute and Faculty of Actuaries

Our department is a world-leading centre of teaching and research in actuarial mathematics and was the first in the UK to offer a specialised programme.
Heriot-Watt gives students the opportunity to develop links to industry through annual career fairs and internships during the semester breaks. I am blessed to be awarded with an industry scholarship and be able to secure a job before graduating – all of which would not have been possible if it was not for opportunities laid out by the University.

Ima Hanida Binti Mashan (YTL Scholar)
3rd Year, BSc Quantity Surveying
Former School: Tunku Kurshiah College
Construction Project Management
BSc (Hons)

Intake: September, January
Duration: Full-time, 3 years
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/526/6/0057) (FA4168) 12/18

Overview
This Bachelor’s degree will prepare you for a career in the management of construction projects from inception to completion, throughout all stages of the design and construction process.

Much of the curriculum is concerned with the management and supervision of construction sites and the resource planning connected with large-scale projects.

There is also a strong emphasis on construction technology as well as courses that give students a background in valuation and procurement.

Accreditation
This programme is accredited by the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB).

Career Opportunities
The main graduate destination is in the discipline of Project Management within the construction sector. The programme is focused on delivering high-quality graduates for the public and private sectors in client, consultancy and contracting organisations.

Our graduates work for national and international contracting firms and project management consultants including YTL Group, Petronas, Setia Group, Tesco.

Teaching and Assessment
Teaching involves a mix of lectures, tutorials and practical work. Assessment is by a combination of coursework and examination. By the final year, coursework assessment, principally through the design project and research dissertations, accounts for 50% of the final assessment.

Core Courses

YEAR 1
- Construction Technology 2
- Commercial Law
- Surveying and Monitoring in the Built and Natural Environment
- Cost Modelling and Measurement
- eConstruction
- Facilities Management Principles

YEAR 2
- Safety Management and Site Establishment
- Construction Technology 3
- Procurement and Contracts
- Design Cost Planning and Control
- Design for Construction
- Project Programming and Control

YEAR 3
- Cost and Value Management
- Construction Information Management
- Construction Project Management
- Innovation in Construction Practice
- Design Project
- Dissertation

Students take a total of 8 courses per year including core, optional and elective courses/projects.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCCC
or A-Level: BBC
or STPM: BBC
or Diploma or any other relevant qualification recognised by the Malaysian Government.

This programme is recognised by a number of organisations which offer generous merit and hardship scholarships. For more information, see page 67.

Accredited by

[RICS and CIOB logos]
Quantity Surveying
BSc (Hons)

Intake: September, January
Duration: Full-time, 3 years
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/581/6/0050) (FA4369) 06/19

Overview
This Bachelor's degree provides you with all of the skills and knowledge necessary to become a successful quantity surveyor. Quantity Surveying is about providing clients of the construction industry with financial, contractual and technical advice ensuring they get value for money from the buildings they construct. The modern quantity surveyor is a construction professional who may be involved at all stages of the design and construction process, from providing business strategy advice, working with architects and design team consultants, through to overseeing the onsite construction phase.

Accreditation
This programme is accredited by the Royal Institution of Chartered Surveyors (RICS), Chartered Institution of Civil Engineering Surveyors (ICES) and Board of Quantity Surveyors Malaysia (BQSM).

Career Opportunities
Our Quantity Surveying graduates go on to careers both in the public sector and international consulting and contracting organisations including Skanska, BAM, Aecom and Turner and Townsend. Roles in which graduates are employed vary widely and include quantity surveyor, graduate engineer and site manager.

Teaching and Assessment
Teaching involves a mix of lectures, tutorials and practical work. Assessment is by a combination of coursework and examination. By the final year, coursework assessment, principally through the design project and research dissertations, accounts for 50% of the final assessment.

Core Courses
**YEAR 1**
- Construction Technology 2
- Commercial Law
- Surveying and Monitoring in the Built and Natural Environment
- Cost Modelling and Measurement
- eConstruction
- Facilities Management Principles

**YEAR 2**
- Safety Management and Site Establishment
- Construction Technology 3
- Procurement and Contracts
- Design Cost Planning and Control
- Measurement and Cost Evaluation
- Design for Construction

**YEAR 3**
- Cost and Value Management
- QS Practice
- Construction Project Management
- Innovation in Construction Practice
- Design Project
- Dissertation

Students take a total of 8 courses per year including core, optional and elective courses/projects.

For full details of the optional and elective courses please refer to our website.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCCC or A-Level: BBC or STPM: BBC with a C in Mathematics in SPM/O-Level or equivalent.

or Diploma or any other relevant qualification recognised by the Malaysian Government.

Accredited by

www.hw.edu.my
Construction Project Management

Overview
The discipline of project management has become central to the management approach adopted by numerous international industries in both public and private sector. From the construction and property industries to information technology and heavy industry, there is growing recognition of the benefits strategic project management can bring. This programme equips graduates with the knowledge and skills to develop successful careers as professional project managers in the construction industry and beyond. It offers a breadth of management, procurement and technology related subjects. It is focused on industrial relevance, ensuring that graduates are quickly able to make a positive and effective contribution to the success of their working environment, and the development of their own professional careers.

Accreditation
This programme is accredited by the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB).

Career Opportunities
For graduates with a first degree in a built environment subject it can provide a competitive edge in a fierce employment market. For architects, engineers and other professionals it can provide a move into project management. The programme increasingly attracts those whose qualifications and experience lie outside the field of construction, but recognise the career opportunities that exist for suitably qualified Construction Project Management graduates.

Teaching and Assessment
Our students experience a stimulating teaching environment which blends conventional lectures and tutorials with online material in our Virtual Learning Environment. Programmes are regularly reviewed by research-active staff in Edinburgh, Dubai and Malaysia to ensure that the learning material is relevant and current. Assessment of the taught component is through a balance of examinations and coursework.

Core Courses
- Project Management: Theory and Practice
- Project Management: Strategic Issues
- Value and Risk Management
- Construction Financial Management
- Contracts and Procurement
- Construction Practice and Information Technology
- People and Organisation Management in the Built Environment
- Research Dissertation

Optional Courses
(select one)
- Construction Technology 3
- Urban Economy and Property Markets
- Sustainable Design and Development

Entry Requirements
A relevant first or second class Honours degree or a degree qualification, or equivalent qualification recognised by the Malaysian Government, acceptable to the University.

1st in Scotland and 2nd in the UK by The Complete University Guide 2018
Commercial Management and Quantity Surveying

MSc

Intake: September
Duration: Full-time, 1 year (weekdays and weekends) Part-time, 2 years (weekends only)
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/526/7/0032) (FA3475) 06/18

Overview
The need for quantity surveyors is vital for the efficient financial management of construction projects. As a partner university of the Royal Institution of Chartered Surveyors (RICS), the School is instrumental in meeting the educational needs of quantity surveying graduates by building on their previous education and experience to prepare them for the demands of this profession. There is consistent competition amongst those wishing to enter and develop a career in quantity surveying in order to gain an internationally recognised postgraduate qualification, such as the MSc from Heriot-Watt University. Successful completion of the programme develops the necessary skills to provide a quality benchmark recognised by prospective employers to enhance an individual’s career progression.

Accreditation
This programme is accredited by the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institution of Civil Engineering Surveyors (ICES).

Career Opportunities
The programme is focused on delivering high quality graduates for Quantity Surveying and Built Environment consultancies. However, it is expected that some graduates will find employment within government agencies and with contracting organisations. A minority of graduates will find employment elsewhere such as PhD research, teaching, finance and the military.

Teaching and Assessment
Our students experience a stimulating teaching environment which blends conventional lectures and tutorials with online material in our Virtual Learning Environment. Programmes are regularly reviewed by research-active staff in Edinburgh, Dubai and Malaysia to ensure that the learning material is relevant and current. Assessment of the taught component is through a balance of examinations and coursework.

Core Courses
- People and Organisation Management in the Built Environment
- Contracts and Procurement
- Value and Risk Management
- Quantity Surveying Financial Management
- Construction Financial Management
- Construction Technology 3
- Research Dissertation

Optional courses
(select two)
- Construction Practice and Information Technology
- Urban Economy and Property Markets
- Sustainable Design and Development

Entry Requirements
A relevant first or second class Honours degree or a degree qualification, or equivalent qualification recognised by the Malaysian Government, acceptable to the University.

Accredited by
RICS
chartered
ICES
Business

With very close links to industry, commerce and relevant professional bodies, our business-related programmes are world-renowned for their teaching and research.

Heriot-Watt University was my first choice because of its exceptional reputation and high ranking in overall business courses not just in the UK but also among many universities around the world.

Uma Sangkari
2nd Year, MA (Hons)
Business Management with Enterprise
Former school: Methodist Girls School Melaka
Accounting and Business Finance
MA (Hons)

Overview
Our Accounting and Business Finance programme is a specialist degree, particularly suited to those seeking entry into the accounting profession, financial services or financial management. The value of such studies is also recognised by professional accountancy bodies which offer examination exemptions.

Accreditation
The programme has been accredited by the Institute of Chartered Accountants in England and Wales (ICAEW), Association of Chartered Certified Accountants (ACCA) the Chartered Institute of Management Accountants (CIMA) and Certified Practising Accountants (CPA) Australia.

ACCA Accelerate Programme:
This programme is also among the few selected in the region by ACCA to run the ACCA Accelerate programme, allowing students to take the remaining 5 papers by ACCA during their second year to potentially be an accredited accountant by the time they graduate.

Career Opportunities
Our graduates are successful in a range of professional, financial, commercial and industrial areas. Many students join accounting firms, taking examinations for one of the professional accountancy bodies. The combination of expertise also provides a firm foundation for successful business and management careers including banking, insurance, finance and management.

Teaching and Assessment
Teaching is delivered through a combination of lectures, tutorials and project work. Assessment is generally based on either coursework or an exam at the end of the semester, or a mixture of the two at the end of the semester or academic year. Graduates are eligible to apply for exemptions from international professional bodies:
- ACCA: up to 9 papers*
- ICAEW: up to 8 papers*
- CIMA: up to 8 papers*
- CPA Australia: Foundation papers*

Core Courses
YEAR 1
- Business Accounting and Assurance
- Finance and Financial Statistics
- Financial Reporting
- Management Accounting in Organisations
- Choose 2 optional courses
- Choose 2 optional courses

Optional courses available in Year 1 include Management in a Global Context, Commercial Law, Business Entities and Organisational Behaviour.

YEAR 2
- Management Accounting Techniques and Decisions
- Business Research Methods
- Contemporary Issues in Financial Accounting
- Choose 2 optional courses
- Choose 3 optional or elective courses

Optional courses available in Year 2 include Accounting Information, Financial Markets Theory, Auditing and Assurance, Corporate Financial Theory, Social and Environmental Accounting and Taxation in Malaysia. Elective courses are also taken.

YEAR 3
- Choose 6 from optional courses across both semesters
- Accounting Dissertation

Optional courses available in Year 3 include Accounting Theory, Managerial Accounting: Decision Making, Agency Theory and Corporate Governance, Public Sector Accounting, International Accounting, Corporate Reporting and Managerial Accounting: Critical Analysis.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCCC or A-Level: CCC with SPM/O-Level: B in Mathematics or Diploma or any other relevant qualification recognised by the Malaysian Government.

Special English requirements may apply.
Honours degree, awarded by Heriot-Watt and the ancient universities in Scotland and the UK including Aberdeen, Dundee, Edinburgh, Glasgow, St Andrews, Cambridge and Oxford. At other universities in Scotland and the UK, undergraduate degrees in the arts, liberal arts, humanities or social sciences are awarded as Bachelor of Arts (BA).

This programme is recognised by a number of organisations which offer generous merit and hardship scholarships. For more information, see page 67.

Accredited by

Think Ahead

HERIOT-WATT UNIVERSITY / MALAYSIA PROSPECTUS 2018
Bachelor of Business Administration
BBA (Hons)

Overview
The Bachelor of Business Administration (Hons) degree, known as BBA (Hons), aims to develop students’ understanding of the area of Business Administration and Management and develop practical skills appropriate for careers in this area. Theory and practice are given equal emphasis to provide a holistic understanding of the role of Business Administration as well as knowledge of and skills associated with business start-up, growth and innovation. You will develop valuable communication, problem solving and teamwork skills.

Career Opportunities
This Bachelor’s degree provides a wide range of career options, and our graduates have an excellent reputation with employers. Successful careers include marketing executive, operations manager, international property development manager, management consultant, stockbroker, and financial consultant.

Teaching and Assessment
Teaching is delivered through a combination of lectures, tutorials and project work. Course assessment is generally based on either coursework or an exam at the end of the semester, or a mixture of the two at the end of the semester or academic year.

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCCC
or A-Level: CCC
and STPM: CCC
or Diploma or any other relevant qualification recognised by the Malaysian Government.

Core Courses
YEAR 1
- Operations Management
- Choose 7 optional or elective courses
YEAR 2
- Business Research Methods
- Strategic Management
- Choose 6 optional or elective courses
YEAR 3
- International Business
- Choose 5 optional or elective courses
ACROSS BOTH SEMESTERS
- Dissertation
Optional courses available from a wide range of business subjects such as Marketing, Human Resource Management, Management, Law and Entrepreneurship. Elective courses are also available.

Students take a total of 8 courses per year including core, optional and elective courses/projects.
For full details of the optional and elective courses please refer to our website.

Intake: September, January
Duration: Full-time, 3 years
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/345/6/0564) (FA4166) 05/19
Business and Finance
MA (Hons)

Overview
This degree explores the interface between business and finance, in particular the management and business implications of financial decision-making. It is a specialist joint degree with equal emphasis given to the subject areas of business and finance. The degree is particularly suited to students who wish to gain a firm grounding in business and management, but with an insight into the finance and financial operations of businesses and organisations.

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Career Opportunities
Our Business and Finance graduates have embarked on successful careers in the public and private sectors as accountants, actuaries, auditors, financial advisers, foreign exchange dealers, legal advisers, stockbrokers and tax associates.
Companies and organisations employing Business and Finance graduates from Heriot-Watt include Baillie Gifford, Deloitte, EY, HSBC, KPMG, Mazars, Nestlé and PwC.

Teaching and Assessment
Teaching is delivered through a combination of lectures, tutorials and project work. Assessment is generally based on either coursework or an exam at the end of the semester, or a mixture of the two at the end of the semester or academic year.

Core Courses

YEAR 1
- Financial Markets Theory
- Quantitative Methods 1
- Corporate Financial Theory
- Organisational Behaviour
- Choose 4 elective courses

Elective courses available in Year 1 include, Human Resource Management, Fundamentals of Marketing, Statistical Techniques, Marketing Perspectives, and Commercial Law.

YEAR 2
- International Bond and Currency Markets
- Mergers and Acquisitions
- Financial Derivatives
- Managing Corporate Value
- Strategic Management
- Choose 3 optional courses

Optional courses available in Year 2 include Innovation Management, Business Research Methods, Consumer Behaviour, Marketing Communications, Critical Approaches to Management, Resourcing and Talent Management and Employment Law.

YEAR 3
- Two approved Business Management options
- Two approved Finance options
- Choose 2 optional courses

ACROSS BOTH SEMESTERS
- Accounting and Finance Dissertation

Approved Business Management options include International Business, Retail Marketing, Changing Trends in Employment, The Contemporary Workforce, High Growth Companies and Marketing Sustainability.


Students take a total of 8 courses per year including core, optional and elective courses/projects.

For full details of the optional and elective courses please refer to our website.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCCC
or A-Level: CCC
or STPM: CCC
with SPM/O-Level: B in Mathematics
or Diploma or any other relevant qualification recognised by the Malaysian Government.

The degree of Master of Arts (MA) is an undergraduate Honours degree, awarded by Heriot-Watt and the ancient universities in Scotland and the UK including Aberdeen, Dundee, Edinburgh, Glasgow, St Andrews, Cambridge and Oxford. At other universities in Scotland and the UK, undergraduate degrees in the arts, liberal arts, humanities or social sciences are awarded as Bachelor of Arts (BA).

This programme is recognised by a number of organisations which offer generous merit and hardship scholarships. For more information, see page 67.
International Business Management

MA (Hons)

Intake: September, January
Duration: Full-time, 3 years
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/340/6/0657) (PA7425) 03/21

Overview
Our Business Management programmes help you to examine businesses and organisations; understand their structures and workings, people and decision making processes; and then relate the theory to actual business situations to prepare you for the real world. You’ll develop valuable communication, problem solving and teamwork skills. Our programmes also offer relevant hands on experience.

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Career Opportunities
Business Management degrees provide a very wide range of employment options, and our graduates have an excellent reputation with employers. Our management graduates have gone on to pursue successful careers in marketing, operations and financial management as well as company management consultancy.

Teaching and Assessment
Teaching is delivered through a combination of lectures, tutorials and project work. Assessment is generally based on either coursework or an exam at the end of the semester, or a mixture of the two at the end of the semester or academic year.

Core Courses

YEAR 1
- Fundamentals of Marketing
- Human Resource Management
- Commercial Law
- Intercultural Issues in Business and Management
- Operations Management
- Management Theories in Practice
- Choose 2 optional courses

Optional courses available in Year 1 include Organisational Behaviour, Enterprise, Concepts and Issues, Marketing Perspectives.

YEAR 2
- Business Research Methods
- Strategic Management
- Business Analysis and Consulting
- Choose 5 optional or elective courses

Optional courses available in Year 2 include Business Venturing, Innovation Management, Resourcing and Talent Management, Consumer Behaviour, Marketing Communications, Critical Approaches to Management.

YEAR 3
- International Business
- Global Trends and Ethics
- Choose 4 optional or elective courses

ACROSS BOTH SEMESTERS
- Management Dissertation

Optional courses available in Year 3 include International Entrepreneurship, The Contemporary Workforce, Retail Marketing, Marketing Sustainability, Changing Trends in Employment, Marketing and Management in SMEs, and High Growth Companies.

Students take a total of 8 courses per year including core, optional and elective courses/projects.

For full details of the optional and elective courses please refer to our website.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCCC
or A-Level: CCC
or STPM: CCC
or Diploma or any other relevant qualification recognised by the Malaysian Government.

The degree of Master of Arts (MA) is an undergraduate Honours degree, awarded by Heriot-Watt and the ancient universities in Scotland and the UK including Aberdeen, Dundee, Edinburgh, Glasgow, St Andrews, Cambridge and Oxford. At other universities in Scotland and the UK, undergraduate degrees in the arts, liberal arts, humanities or social sciences are awarded as Bachelor of Arts (BA).
International Business Management with Enterprise
MA (Hons)

Overview
Our Business Management with Enterprise programme has been developed closely with the industry to help you with the fundamentals and strategies of management and business, offering you relevant and practical solutions in working not only with organisations, but with people as well. This is reflected in our programme’s focus on developing communication, problem-solving and teamwork skills. Lessons are also filled with current business trends and hands on experience. With a strong grounding in principles of modern business management, the programme also introduces the functional areas of business and management to develop an understanding of entrepreneurial behaviour in small and large organisations.

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Career Opportunities
Business Management degrees provide a very wide range of employment options, and our graduates have an excellent reputation with employers. Our management graduates have gone on to pursue successful careers in marketing, operations and human resource management as well as becoming entrepreneurs and business owners.

Teaching and Assessment
Teaching is delivered through a combination of lectures, tutorials and project work. Assessment is generally based on either coursework or an exam at the end of the semester, or a mixture of the two at the end of the semester or academic year.

Core Courses
YEAR 1
- Fundamentals of Marketing
- Human Resource Management
- Commercial Law
- Intercultural Issues in Business and Management
- Operations Management
- Enterprise Concepts and Issues
- Management Theories in Practice
- Choose 1 optional course

Optional courses available in Year 1 include Organisational Behaviour and Marketing Perspectives.

YEAR 2
- Business Research Methods
- Innovation Management
- Strategic Management
- Business Venturing
- Business Analysis and Consulting
- Choose 3 optional or elective courses.

Optional courses available in Year 2 include Consumer Behaviour, Resourcing and Talent Management, Critical Approaches to Management and Marketing Communications. Elective courses are also available.

YEAR 3
- International Business
- Two approved Enterprise Options
- Global Trends and Ethics
- Choose 2 optional courses

ACROSS BOTH SEMESTERS
- Management Dissertation

Optional courses available in Year 3 include Retail Marketing, Marketing Sustainability, The Contemporary Workforce, High Growth Companies, Marketing and Management in SMEs and Changing Trends in Employment.

Students take a total of 8 courses per year including core, optional and elective courses/projects.

For full details of the optional and elective courses please refer to our website.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCCC
or A-Level: CCC
or STPM: CCC
or Diploma or any other relevant qualification recognised by the Malaysian Government.

The degree of Master of Arts (MA) is an undergraduate Honours degree, awarded by Heriot-Watt and the ancient universities in Scotland and the UK including Aberdeen, Dundee, Edinburgh, Glasgow, St Andrews, Cambridge and Oxford. At other universities in Scotland and the UK, undergraduate degrees in the arts, liberal arts, humanities or social sciences are awarded as Bachelor of Arts (BA).
International Business Management with Human Resource Management

MA (Hons)

Overview
Our Business Management with Human Resource Management helps you examine businesses and organisations; understand their structures and workings, people and decision making processes; and then relate the theory to actual business situations to prepare you for the real world. You’ll develop valuable communication, problem solving and teamwork skills. Our programmes also offer relevant hands-on experience.

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Career Opportunities
With a focus in Human Resource Management, this Business Management degree provides a wide range of employment options, and our graduates have an excellent reputation with employers. Our management graduates have gone on to pursue successful careers in marketing, operations and human resource management as well as becoming entrepreneurs and business owners.

Teaching and Assessment
Teaching is delivered through a combination of lectures, tutorials and project work. Assessment is generally based on either coursework or an exam at the end of the semester, or a mixture of the two at the end of the semester or academic year.

Core Courses
YEAR 1
- Fundamentals of Marketing
- Human Resource Management
- Intercultural Issues in Business and Management
- Management Theories in Practice
- Operations Management
- Organisational Behaviour
- Commercial Law
- Choose 1 Optional course

Optional courses available in Year 1 include Marketing Perspectives, and Enterprise Concepts and Issues.

YEAR 2
- Business Analysis and Consulting
- Business Research Methods
- Resourcing and Talent Management
- Strategic Management
- Critical Approaches to Management
- Choose 3 optional or elective courses

Optional courses available in Year 2 include Business Venturing, Innovation Management, Consumer Behaviour, and Marketing Communications. Elective courses are also available.

YEAR 3
- Global Trends and Ethics
- International Business
- Two approved Human Resource Management options
- Choose 2 optional courses

ACROSS BOTH SEMESTERS
- Management Dissertation

Optional courses available in Year 3 include The Contemporary Workforce, Retail Marketing, Marketing Sustainability, High Growth Companies, Marketing and Management in SMEs and Changing Trends in Employment.

Students take a total of 8 courses per year including core, optional and elective courses/projects.

For full details of the optional and elective courses please refer to our website.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCC
or A-Level: CCC
or STPM: CCC
or Diploma or any other relevant qualification recognised by the Malaysian Government.

The degree of Master of Arts (MA) is an undergraduate Honours degree, awarded by Heriot-Watt and the ancient universities in Scotland and the UK including Aberdeen, Dundee, Edinburgh, Glasgow, St Andrews, Cambridge and Oxford. At other universities in Scotland and the UK, undergraduate degrees in the arts, liberal arts, humanities or social sciences are awarded as Bachelor of Arts (BA).

Intake: September, January
Duration: Full-time, 3 years
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/345/6/0701) (PA5013) 04/20

www.hw.edu.my
International Business Management with Marketing
MA (Hons)

Intake: September, January
Duration: Full-time, 3 years
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/345/6/0703) (FAS014) 04/20

Overview
Our Business Management programme with a focus on Marketing helps you examine businesses and organisations; understand structures and the inner-workings of how decisions are made; and then relate them to theory and actual business situations to prepare you for real-life practices. The course also prepares you by developing communication, problem-solving and teamwork skills while providing hands on experience.

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Career Opportunities
With an emphasis in Marketing, this Business Management programme provides a wide range of employment options, with our graduates having an excellent reputation among employers. Our graduates have gone on to pursue successful careers in marketing, human resource management as well as becoming entrepreneurs and business owners.

Teaching and Assessment
Teaching is delivered through a combination of lectures, tutorials and project work. Assessment is generally based on either coursework or an exam at the end of the semester, or a mixture of the two at the end of the semester or academic year.

Core Courses
YEAR 1
- Intercultural Issues in Business and Management
- Human Resource Management
- Intercultural Issues in Business and Management
- Commercial Law
- Operations Management
- Management Theories in Practice
- Marketing Perspectives
- Choose 1 optional course
Optional courses available in Year 1 include Organisational Behaviour, Enterprise Concepts and Issues.

YEAR 2
- Business Analysis and Consulting
- Business Research Methods
- Consumer Behaviour
- Strategic Management
- Marketing Communications
- Choose 3 optional or elective courses
Optional courses available in Year 2 include Business Venturing, Innovation Management, Resourcing and Talent Management, Critical Approaches to Management. Elective courses are also taken.

YEAR 3
- Global Trends and Ethics
- International Business
- Two approved Marketing options
- Choose 2 optional courses

ACROSS BOTH SEMESTERS
- Management Dissertation
Optional courses available in Year 3 include The Contemporary Workforce, Changing Trends in Employment, High Growth Companies, Retail Marketing, Marketing Sustainability and Marketing and Management in SMEs.

Students take a total of 8 courses per year including core, optional and elective courses/projects.

For full details of the optional and elective courses please refer to our website.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCCC
or A-Level: CCC
or STPM: CCC
or Diploma or any other relevant qualification recognised by the Malaysian Government.

The degree of Master of Arts (MA) is an undergraduate Honours degree, awarded by Heriot-Watt and the ancient universities in Scotland and the UK including Aberdeen, Dundee, Edinburgh, Glasgow, St Andrews, Cambridge and Oxford. At other universities in Scotland and the UK, undergraduate degrees in the arts, liberal arts, humanities or social sciences are awarded as Bachelor of Arts (BA).
International Business Management with Year Abroad

MA (Hons)

Intake: September
Duration: Full time, 3 years
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/345/6/0909) (PA7424) 03/21

Overview
Our International Business Management programme allows students the opportunity to study in three countries throughout the three-year programme. Students begin the degree in Malaysia, and then progress to a mandatory second year in any of our Australian partner universities. They can then opt to study in the UK or Dubai in their final year.

This set up allows graduates of this programme to not only learn about international business, but experience and really understand it as well. You will be able to develop valuable communication skills, with hands on experience enabling you to be able to work anywhere in the world.

Mandatory second year is spent abroad: July – Nov; Feb – June with one of Heriot-Watt University Malaysia’s partner universities in Australia:
- University of Sydney
- La Trobe University
- RMIT University
- University of South Australia
- University of Western Australia

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Career Opportunities
International Business Management degrees provide a very wide range of employment options, and our graduates have an excellent reputation with employers. Successful careers include marketing executive, operations manager, international property development manager, stockbroker and management consultant.

Teaching and Assessment
Teaching is delivered through a combination of lectures, tutorials and project work. Course assessment is generally based on either coursework or an exam at the end of the semester, or a mixture of the two at the end of the semester or academic year.

Core Courses
YEAR 1
- Human Resource Management
- Intercultural Issues in Business and Management
- Fundamentals of Marketing
- Management Theories in Practice
- Commercial Law
- Operations Management
- Choose 2 optional courses

Optional courses available in Year 1 include, Organisational Behaviour, Enterprise Concepts and Issues, and Marketing Perspectives.

YEAR 2
Students undertake year 2 abroad at one of our partners in Australia.

YEAR 3
- Global Trends and Ethics
- International Business
- Management Dissertation 1
- Management Dissertation 2
- Choose 4 optional courses

Optional courses include:
- International Entrepreneurship
- The Contemporary Workforce
- Retail Marketing
- Marketing Sustainability
- Changing Trends in Employment
- Marketing and Management in SMEs
- High Growth Companies

Students take a total of 8 courses per year including core, optional and elective courses/projects.

For full details of the optional and elective courses please refer to our website.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCCC
or A-Level: CCC
or STPM: CCC
or Diploma or any other relevant qualification recognised by the Malaysian Government.

The degree of Master of Arts (MA) is an undergraduate Honours degree, awarded by Heriot-Watt and the ancient universities in Scotland and the UK including Aberdeen, Dundee, Edinburgh, Glasgow, St Andrews, Cambridge and Oxford. At other universities in Scotland and the UK, undergraduate degrees in the arts, liberal arts, humanities or social sciences are awarded as Bachelor of Arts (BA).
Business Strategy, Leadership and Change

Overview
This programme has been designed to build student knowledge and understanding of formulating and monitoring business strategies, how to develop change programmes and understand the impact of different leadership styles in particular contexts. This knowledge will enhance students’ personal development, so they become more effective when they undertake a managerial role.

The programme offers five taught core courses, four are strategy-oriented with the fifth being a research methods course, which are designed to be of relevance to senior and middle managers, high-potential junior managers, management consultants, entrepreneurs, and directors of small and medium-sized enterprises.

In addition, the programme caters for non-specialists who wish to pursue a more general business/managerial career, but with a business strategy emphasis. There are also opportunities to study three optional strategy-oriented courses (from a choice of six), which allow participants to customise the programme according to their needs and interests. The programme will be completed by a dissertation that will take a strategy-oriented perspective.

This perspective should emphasise one or a combination of the programme’s key subject themes of business strategy, leadership and change.

The MSc in Business Strategy, Leadership and Change has been designed to equip the next generation of organisational managers with skills which include business strategy, strategic change, leadership, systems thinking and analysis, project management, business economics, demand and inventory planning, and quality management and engineering.

Accreditation
This programme is accredited by the Chartered Management Institute.

Career Opportunities
This programme is aimed at ambitious professionals and graduate students who wish to move into middle and senior management roles in small and medium enterprises and large enterprises, management consultancy or set up their own business venture. The programme will enable this to happen by providing candidates with tools, frameworks and ideas to help them play a more effective role in strategy formulation and implementation, developing change programmes and understanding the impact of different leadership styles in particular business settings.

Teaching and Assessment
Our students experience a stimulating teaching environment which blends conventional lectures and tutorials with online material in our Virtual Learning Environment. Programmes are regularly reviewed by research-active staff in Edinburgh, Dubai and Malaysia to ensure that the learning material is relevant and current.

Assessment is through a balance of examinations, coursework and a dissertation.

Core Courses
- Competitive Strategy
- Strategic Change
- Leadership
- Business Models: Themes and Issues
- Research Philosophy and Practice
- Leadership and Organisational Performance Dissertation

Optional Courses
(select three)
- Systems Thinking and Analysis
- Project Management
- Quality Management and Engineering
- Business Economics
- International Marketing

Entry Requirements
A relevant first or second class Honours degree or a degree qualification, or equivalent qualification recognised by the Malaysian Government, acceptable to the University.
International Business Management with Finance

Overview
This Master’s degree is aimed at graduates who have little or no business or management background in their first degree and who wish to gain a broad based business qualification to enhance their future career prospects, or at those looking to develop business management knowledge and skills to allow them to change or further their careers.

The international focus of the programme attracts students from all around the world, giving a rich learning environment where international experience and practice is shared.

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Career Opportunities
The main graduate destinations are business management for industry, commerce and higher education. The programme is focused on delivering graduates with the knowledge and skills appropriate to contemporary, international business environments and positions, with particular relevance to marketing. It is also expected that some graduates will find employment within other business or governmental specialisms.

Teaching and Assessment
Our students experience a stimulating teaching environment which blends conventional lectures and tutorials with online material in our Virtual Learning Environment. Programmes are regularly reviewed by research-active staff in Edinburgh, Dubai and Malaysia to ensure that the learning material is relevant and current.

Assessment is through a balance of examinations, coursework and a dissertation.

Core Courses
- International Business Context
- Competitive Strategy
- Financial Analysis
- Business Economics
- Research Philosophy and Practice
- Finance
- Dissertation

Optional Courses
(select two)
- Marketing
- Leadership
- Project Management

Entry Requirements
A relevant first or second class Honours degree or a degree qualification, or equivalent qualification recognised by the Malaysian Government, acceptable to the University.

The School of Social Sciences is an international force in the business studies arena, with programmes at the forefront of their fields.
International Business Management with Marketing
MSc

Intake: September
Duration: Full Time, 1 Year (weekdays and weekends) Part Time, 2 Years (weekends only)
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/340/7/0351) (FA3830) 10/18

Overview
This Master’s degree is aimed at graduates, from a wide range of backgrounds in their first degree, who wish to gain a broad-based business qualification to enhance their future career prospects. It is also aimed at those looking to develop business management knowledge and skills to enable them to change or further their careers.
Programme graduates will typically be able to demonstrate a critical appreciation of a range of core and specialist theories, concepts and applications evident within contemporary business environments.
The programme allows appreciation of business management within dynamic, international contexts; application of theoretical solutions to business problems to inform effective practice; engagement in business-relevant decision-making, marketing, leadership and teamworking.

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Career Opportunities
The main graduate destinations are business management for industry, commerce and higher education. The programme is focused on delivering graduates with the knowledge and skills appropriate to contemporary, international business environments and positions, with particular relevance to marketing. It is also expected that some graduates will find employment within other business or governmental specialisms.

Teaching and Assessment
Our students experience a stimulating teaching environment which blends conventional lectures and tutorials with online material in our Virtual Learning Environment. Programmes are regularly reviewed by research-active staff in Edinburgh, Dubai and Malaysia to ensure that the learning material is relevant and current.
Assessment is through a balance of examinations, coursework and a dissertation.

Core Courses
- International Business Context
- Competitive Strategy
- Marketing
- Business Economics
- Research Philosophy and Practice
- International Marketing
- Dissertation

Optional courses
(select two)
- Financial Analysis
- Leadership
- Project Management

Entry Requirements
A relevant first or second class Honours degree or a degree qualification, or equivalent qualification recognised by the Malaysian Government, acceptable to the University.
Master of Business Administration
MBA

Overview
Edinburgh Business School, the Graduate School of Business of Heriot-Watt University, is committed to providing opportunities to experienced professionals from all over the world who desire to study our graduate level business programmes. For more than 25 years our programmes of study, particularly our flagship MBA, have enhanced the careers of business professionals globally. Little wonder that over 40% of Fortune 500 companies have employees on the Edinburgh Business School MBA programme.

Across the globe, students are particularly drawn by the academic rigour of the MBA programme, its intellectual challenge and its ability to greatly enhance their career prospects.

The part-time MBA is delivered over a two year period at the Heriot-Watt University Malaysia campus and is geared to the needs of business professionals who want a range of skills and expertise for which the programme is renowned.

To this new state-of-the-art campus at Putrajaya, we bring a powerful combination of our UK faculty (who regularly fly to Malaysia to bring cutting edge best practice to our part-time MBA students), top academics from Asia, and a new generation of executive level students who can combine their careers with a rewarding part-time study programme.

At the campus, we have a dedicated MBA programme director, and a student advisory team with in-depth knowledge of our MBA programme. This team will be happy to answer any queries. We also conduct regular MBA previews for those who want to know more about our School and our programmes in Malaysia.

Teaching and Assessment
Teaching, which is delivered over a series of two years of weekend seminars and revision classes, enables a dynamic combination of students with diverse experiences, backgrounds and cultures to share and exchange knowledge in a rich learning environment. These intensive weekend seminars are delivered in English by top faculty from the UK and Malaysia.

Seven core courses and two elective courses are required for the MBA degree. Students will benefit from 48 hours of tutored interaction for each core course from top faculty. A large amount of time will be spent studying independently (approximately 200 hours per course). Each course is assessed by a 3 hour written examination. Students may also opt to do their examinations by e-assessment.

Core Courses
- Accounting
- Economics
- Finance
- Marketing
- Organisational Behaviour
- Project Management
- Strategic Planning

Elective courses
(select two)
- Competitive Strategy
- Consumer Behaviour
- Credit Risk Management
- Human Resource Management
- Making Strategies Work
- Negotiation
- Strategic Risk Management
- Research Methods for Business and Management
- Project (12,000 - 18,000 words)

Research Methods for Business and Management is a compulsory elective if you choose to do a Project.

Entry Requirements
A relevant first or second class Honours degree or a degree qualification, or equivalent qualification recognised by the Malaysian government, acceptable to the University.

A minimum of two years’ post-qualifying full-time work experience of a relevant nature.

Intake: September, January
Duration: Part-time: 2 years (intensive weekend seminars)
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/345/7/0228) (FA2182) 08/17

www.hw.edu.my
Strategic Project Management

Overview
The MSc in Strategic Project Management is an established and highly regarded programme at Heriot-Watt University. By undertaking the programme students develop skills in strategic thinking, innovation, leadership, business models, best practices and the latest research in project and programme management. This Master's degree differentiates itself from other project management programmes by providing greater emphasis on strategically managing a portfolio of projects to deliver organisational goals. It is designed to prepare graduates to be future leaders in the global project based environment. By developing knowledge and skills in both business strategy and project management, our graduates are unique, valuable and attractive to all types of organisations and industry sectors. The programme has a strong focus on the strategic alignment of projects to ensure that projects deliver organisational values and benefits. This encompasses both project management as a process to deliver end products, and change management as a process of capturing the rational and emotional buy-in of those affected by change to ensure its success.

Accreditation
The MSc Strategic Project Management is accredited by the professional body, the Association for Project Management.

Career Opportunities
The programme is excellent preparation for those looking for roles that have strategic focus and defined end goals. Our Strategic Project Management graduates have gone on to successful careers within project management roles across a variety of organisations including management consultancies; energy, construction and engineering firms; financial and banking sector firms; manufacturing and service sector firms.

Entry Requirements
A relevant first or second class Honours degree or a degree qualification, or equivalent qualification recognised by the Malaysian Government, acceptable to the University.

Teaching and Assessment
Our students experience a stimulating teaching environment which blends conventional lectures and tutorials with online material in our Virtual Learning Environment. Programmes are regularly reviewed by research-active staff in Edinburgh, Dubai and Malaysia to ensure that the learning material is relevant and current. Assessment is through a balance of examinations, coursework and a dissertation.

Core Courses
- Strategic Project Management
- Leadership
- Strategic Change
- Business Models: Themes and Issues
- Quality Management and Engineering
- Research Philosophy and Practice
- Project Management
- Leadership and Organisational Performance Dissertation

Optional course
- Systems Thinking and Analysis

Organisations employing Heriot-Watt MSc Strategic Project Management graduates include The United Nations, Turner and Townsend, the Scottish Government and NHS Scotland.

HERIOT-WATT UNIVERSITY / MALAYSIA PROSPECTUS 2018
Engineering

We have an international research reputation and close connection with the professional and industrial world of science, engineering and technology.

Lecturers here don’t just pass on the knowledge to us. They inspire us to think outside the box and see the world from a different perspective. The community here is also really helpful and friendly. I hope that my degree from Heriot-Watt will propel me to do research in bionic technology that will help those with physical disabilities.

Ung Zhi Yee
2nd Year, BEng (Hons)
Electrical and Electronic Engineering
Former school: SMJK Convent Datuk Keramat
Overview
This Bachelor's degree will allow you to understand chemical engineering concepts and help you to cultivate the ability to apply your skills to real, practical engineering problems. It will also develop your transferable skills in communication, teamwork, industrial and commercial awareness and career management.

Accreditation
It is intended that accreditation by the Institution of Chemical Engineers (IChemE) will be sought in 2019, when the first cohort of MEng students will have graduated. If the degree programmes meet IChemE accreditation criteria then the qualifications will be accredited at either Bachelor or Masters level to include all cohort entry dates so far. For further information please contact the School.

Our degrees are offered as 3 year BEng (Bachelor of Engineering) or 4 year MEng (Master of Engineering) qualifications. Our MEng qualification is designed to satisfy the academic requirements set by the Engineering Council UK for registration as a Chartered Engineer (CEng).

Chartered Engineers enjoy excellent prospects, enhanced employability and high salaries. If you prefer to graduate with a BEng after 3 years of study your degree will provide partial fulfilment of the necessary academic requirements for Chartered Engineer status.

For registration by Board of Engineers Malaysia (BEM) the four year undergraduate MEng programme is required. In addition, relevant work experience is required for membership of the Institution of Chemical Engineers in the UK.

Career Opportunities
Chemical engineers are highly valued by employers for their all-round skills and job prospects are excellent. Graduates are employed in many sectors from fine chemicals and food products to utility suppliers, polymers and the oil industry; in research and development, design, commissioning and management of plant, product marketing and technical services.

Teaching and Assessment
Teaching methods range from lectures, tutorial classes and mentor sessions, to workshop and laboratory activities supported by group and individual projects. Assessment is by examination, coursework, presentations, group project and individual project, the balance being appropriate to the different teaching methods used in the courses.

Core Courses
YEAR 1 BEng and MEng
- Process Industries C
- Process Engineering A
- Chemical Thermodynamics and Introductory Chemical Kinetics
- Mathematics for Engineers and Scientists 3
- Process Engineering B
- Process Engineering C
- Process Design A
- Mathematics for Engineers and Scientists 4

YEAR 2 BEng and MEng
- Separation Processes A
- Business Awareness, Safety and Sustainability
- Chemical Reaction Engineering
- Chemistry of Materials for Chemical Engineers
- Separation Processes B
- Multiphase Thermodynamics
- Process Modelling and Control
- Process Design B

YEAR 3 BEng and MEng
- Unit Operations A
- Sustainability, Health and Safety
- Energy Generation and Utilisation
- Reaction Engineering

YEAR 3 (BEng only)
- BEng Design Project A
- BEng Research Project
- BEng Design Project B
- Oil and Gas Processing

YEAR 3 (MEng only)
- MEng Design Project A
- FLAME Appraisal
- MEng Design Project B
- FLAME Development
- Industrial Training

Students undertake a compulsory industrial training placement.

YEAR 4 (MEng only)
- MEng Design Project C
- MEng Research Project C
- Professional and Industrial Studies
- Unit Operations B
- MEng Design Project D
- MEng Research Project D
- Advanced Chemical Engineering
- Oil and Gas Processing

Students take a total of 8 courses per year.

For full details of the optional and elective courses please refer to our website.

MEng Chemical Engineering With Oil and Gas Technology
BEng students who meet the progression requirements for the MEng programme may transfer programmes at the end of Year 2.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science: CCCC
or A-Level: BBC
or STPM: BBC
or Diploma or any other relevant qualification recognised by the Malaysian Government. The subjects studied must include Mathematics and Physics.
Civil Engineering
BEng (Hons) / MEng

Intake: September
Duration: Full-time, 3 or 4 years
Fees: See website for details: www.hw.edu.my/fees
Programme: BEng: KPT/JPS (N/526/6/0083) (FAS237) 11/19 | MEng: KPT/JPS (N/526/6/0108) (PA6195) 08/20

Overview
The programme covers the main civil engineering disciplines of Structures, Geotechnics, Water Engineering, and Highway Engineering, and provides students with the key skills and knowledge required to become chartered civil or structural engineers. After graduation, students are equipped to work for leading international engineering consultants, contractors and government agencies. The core curriculum includes instruction in all main subject areas, concentrating on analysis and materials behaviour, with increasing focus on design and management in the specialisation years. Throughout, there is an emphasis on the personal development of students within a professional environment.

Teaching and Assessment
Teaching involves a mix of lectures, tutorials and practical work. Assessment is by a combination of coursework and examination. By the final year, coursework assessment, principally through the design project and research dissertations, accounts for approximately 50% of the final assessment.

Core Courses
YEAR 1 BEng and MEng
- Analysis of Determinate Structures
- Hydraulics and Hydrology A
- Surveying and Monitoring in the Built and Natural Environment
- Mathematics for Engineers and Scientists 3
- Civil Engineering Materials
- Stress Analysis and Element Strength
- Design Studies A - Problem Solving
- Statistics for Science

YEAR 2 BEng and MEng
- Design of Steel Elements
- Transportation Engineering A
- Indeterminate Structures
- Geology and Soil Properties
- Hydraulics and Hydrology B
- Geotechnics A - Intro to Soil Mechanics
- Design of Concrete Elements
- Environmental Engineering A

YEAR 3 BEng and MEng
- Civil Engineering Dissertation
- Geotechnics B - Soil Strength
- Civil Engineering Design Project
- Foundation Engineering

Plus 3 optional courses related to structural design, structural engineering, transportation engineering, ground engineering and management.

MEng Civil Engineering
BEng students who meet the progression requirements for the MEng programme may transfer programmes at the end of Year 2.

YEAR 4 (MEng only)
- Civil Engineering Professional Design Project
Students take a total of 8 courses per year including core, optional and projects.

For full details of the optional courses please refer to our website.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science: CCCC or A-Level: BBC or STPM: BBC or Diploma or any other relevant qualification recognised by the Malaysian Government. The subjects studied must include Mathematics and Physics.

www.hw.edu.my
Overview
Electrical and electronic engineering play a significant role in modern society. From the electricity that powers our lives to the mobile phones that enable communication and provide entertainment, the technologies around us inspire wonder. Highly trained engineers are needed to specify and design such systems and devise electronic engineering solutions for future challenges - such as electric transportation, renewable energy generation, robot systems and medical diagnostics. Our carefully structured programme is a broad-based discipline and develops in students a mastery of not only the basic engineering principles underlying electrical and electronic engineering, but also exposes students to other aspects such as communication skills, research, leadership and teamwork.

Accreditation
It is intended that accreditation by the Institution of Engineering and Technology (IET) and Engineering Accreditation Council Malaysia (EAC) will be sought in 2019, when the first cohort of MEng students will have graduated. If the degree programmes meet IET accreditation criteria then the qualifications will be accredited at either Bachelor or Masters level to include all cohort entry dates so far. For further information please contact the School.

Our degrees are offered as 3 year BEng (Bachelor of Engineering) or 4 year MEng (Master of Engineering) qualifications. Our MEng qualification is designed to satisfy the academic requirements set by the Engineering Council UK for registration as a Chartered Engineer (CEng).

Chartered Engineers enjoy excellent prospects, enhanced employability and high salaries. If you prefer to graduate with a BEng after 3 years of study your degree will provide partial fulfilment of the necessary academic requirements for Chartered Engineer Status.

For registration by the Board of Engineers Malaysia (BEM) the four year undergraduate MEng programme is required plus a summer industrial placement.

Career Opportunities
The BEng and MEng degrees provide a broad education as well as an appropriate measure of specialisation in Advanced Electronic, Electrical and Computer Systems. Graduates enjoy excellent employment prospects throughout industry, financial organisations, government and the professions and are well qualified to join research teams.

Teaching and Assessment
Teaching methods range from lectures, tutorial classes and mentor sessions, to workshop and laboratory activities supported by group and individual projects. Assessment is by examination, coursework, presentations, group project and individual project, the balance being appropriate to the different teaching methods used in the courses.

YEAR 1 BEng and MEng
- Circuits and Analysis
- Digital Design and Programming
- Mathematics for Engineers and Scientists 3
- Business Awareness, Safety and Sustainability
- Mathematics for Engineers and Scientists 4
- Electromechanical Systems
- Signals and Systems
- Computer Architecture and Embedded Systems

YEAR 2 BEng and MEng
- Physical Electronics and Semiconductors
- System Projects
- Engineering Mathematics and Statistics
- Time and Frequency and Signal Analysis
- Analogue Electronics
- Electrical Energy Systems
- Electromagnetism

YEAR 3 (BEng only)
- BEng Project 1
- BEng Project 2

Plus three optional courses in Semester 1 and two optional courses in Semester 2

YEAR 3 (MEng only)
MEng students do core group projects plus two optional courses in each semester
- MEng Group Project 1
- MEng Professional and Industrial Studies
- MEng Group Project 2
- MEng students undertake a compulsory industrial placement

Plus two optional courses in Semester 1 and two optional courses in Semester 2.

YEAR 4 (MEng only)
MEng students do project placement/research plus four optional courses

For full details of the optional and elective courses please refer to our website.

MEng Electrical and Electronic Engineering
BEng students who meet the progression requirements for the MEng programme may transfer programmes at the end of Year 2.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science: CCC
or A-Level: BBC
or STPM: BBC

or Diploma or any other relevant qualification recognised by the Malaysian Government.
The subjects studied must include Mathematics and Physics.
Intake: September
Duration: Full-time, 3 or 4 years
Fees: See website for details: www.hw.edu.my/fees
Programme: BEng: KPT/JPS (N/521/6/0065) (FA4095) 12/18 | MEng: KPT/JPS (N/521/6/0092) (PA5108) 11/19

Overview
This Bachelor’s degree aims to produce graduate engineers who are able to meet society’s needs by the creation of products or processes that benefit the individual or the economy. Many of the courses contextualise Mechanical Engineering science principles with mini-projects and students will work in groups to produce a solution to an engineering problem.

Projects are used within the programme to bring knowledge from all engineering science disciplines together in an engineering context. The individual project in year 3 allows students to become specialists by working with an academic member of staff on a particular niche area of Mechanical Engineering.

Accreditation
Our degrees are offered as 3 year BEng (Bachelor of Engineering) or 4 year MEng (Master of Engineering) qualifications. Our MEng qualification is designed to satisfy the academic requirements set by the Engineering Council UK for registration as a Chartered Engineer (CEng) status.

Chartered Engineers enjoy excellent prospects, enhanced employability and high salaries. If you prefer to graduate with a BEng after 3 years of study your degree will provide partial fulfilment of the necessary academic requirements for Chartered Engineer status.

For registration by the Board of Engineers Malaysia (BEM) the four year undergraduate MEng programme is required plus a summer industrial placement.

Career Opportunities
Mechanical Engineering graduates are in constant demand. Many engineers make their careers in established areas, perhaps in the infrastructure industries of energy and transportation or the design and manufacture of advanced equipment. Others find rewarding careers meeting the challenges of applying new materials and intelligent systems to products and manufacturing processes.

Teaching and Assessment
Teaching methods range from lectures, tutorial classes and mentor sessions, to workshop and laboratory activities supported by group and individual projects. Assessment is by examination, coursework, presentations, group project and individual project.

Core Courses
YEAR 1 BEng and MEng
- Design and Manufacture 2
- Electric Circuits and Machines
- Mathematics for Engineers and Scientists 3
- Mathematics for Engineers and Scientists 4
- Mechanical Engineering Science 3,4,5 and 6

YEAR 2 BEng and MEng
- Business Awareness, Safety and Sustainability
- Design and Manufacture 3 and 4
- Mechanical Engineering Science 7,8,9 and 10
- Optional course

YEAR 3 BEng and MEng
- Engineering Design
- Engineering Manufacture
- Individual Project

YEAR 3 (MEng only)
- Group Project 1
- Industrial Training

Students undertake a compulsory industrial training placement.

YEAR 4 (MEng only)
- Failure Accident Analysis
- Group Project 2
- Group Project 3
- Professional and Industrial Studies
- Specialist Engineering Technologies 1 and 2

Students take a total of 8 courses per year including core, optional and elective courses/projects. For full details of the optional and elective courses please refer to our website.

MEng Mechanical Engineering
BEng students who meet the progression requirements for the MEng programme may transfer programmes at the end of Year 2.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science: CCC
or A-Level: BBC
or STPM: BBC
or Diploma or any other relevant qualification recognised by the Malaysian Government. The subjects studied must include Mathematics and Physics.
Petroleum Engineering
BEng (Hons) / MEng

Overview
This Bachelor’s degree aims to produce graduates who meet the needs of industry now and in the future. It includes a wide range of subjects which are relevant to the industry and meet the needs of the petroleum engineering profession.

It will allow you to undertake a wide range of technical and managerial careers across the sector, e.g. reservoir analysis and simulation studies, drilling production patterns, estimation of petroleum reserves, design and implementation of oil field production, construction, commissioning, operation, management to specialist consultancy and advanced research and development.

The degree programme will help you to cultivate the ability to apply your skills to real, practical engineering problems and deepen your understanding of petroleum engineering principles through problem solving, projects and assignments.

This degree is only offered in Malaysia and students cannot transfer to the UK.

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions.

In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Career Opportunities
Petroleum Engineering is a highly specialist programme and graduates will find employment opportunities with a number of major energy providers and smaller specialist companies.

Specialist topics in geology, reservoir simulation and economics provide graduates with the foundation for further specialist qualifications in these areas.

Teaching and Assessment
Teaching methods range from lectures, tutorial classes and mentor sessions, to workshop and laboratory activities supported by group and individual projects. Assessment is by examination, coursework, presentations, group project and individual project.

Core Courses
YEAR 1 BEng and MEng
- Mechanical Engineering Science 3
- Process Engineering A
- Geoscience A
- Mathematics for Engineers and Scientists 3
- Process Engineering B
- Process Engineering C
- Process Design A
- Mathematics for Engineers and Scientists 4

YEAR 2 BEng and MEng
- Geoscience B
- Formation Evaluation
- Reservoir Engineering 1
- Drilling
- Production Technology 1
- Multiphase Thermodynamics
- Reservoir Engineering 2
- Advanced Fluid Dynamics

YEAR 3 BEng and MEng
- Production Technology 2
- Sustainability, Health and Safety
- Field Development and Design Project A
- Energy and Petroleum Economics
- Reservoir Flow Simulation
- Field Development and Design Project B

YEAR 3 (BEng only)
- Research Project A
- Oil and Gas Processing

YEAR 3 (MEng only)
- Subsea Drilling and Production
- Fluid Transportation
- Industrial Training

Students undertake a compulsory industrial training placement.

YEAR 4 (MEng only)
- Field Development and Design Project C
- MEng Research Project C
- Professional and Industrial Studies
- Reservoir Engineering - Well Test Analysis
- Field Development and Design Project D
- MEng Research Project D
- Modelling and Management
- Oil and Gas Processing

Students take a total of 8 courses per year.

MEng Petroleum Engineering
BEng students who meet the progression requirements for the MEng programme may transfer programmes at the end of Year 2.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science: CCCC
or A-Level: BBC
or STPM: BBC
or Diploma or any other relevant qualification recognised by the Malaysian Government.

The subjects studied must include Mathematics and Physics.

Intake: September, January
Duration: Full-time, 3 or 4 years
Fees: See website for details: www.hw.edu.my/fees
Programme: BEng: KPT/JPS (N/524/6/0027) (PA4141) 12/18 | MEng: KPT/JPS (N/524/6/0042) (PA5109) 11/19
Overview
This multi-disciplinary programme offers courses relevant to energy resources, power generation, process engineering, environmental legislation and environmental impact, energy in buildings as well as business courses. Through its portfolio of options, this programme is accessible to graduates from many Engineering and Science degrees.

The aims of the programme are to provide a practical and theoretical grounding in technologies and wider knowledge and skills relevant to the Energy sector for the practising engineer as well as decision making managers and policy makers.

Accreditation
In accordance with our normal practice, our professionally-orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions, and we are seeking accreditation from the Energy Institute for Further Learning for Chartered Engineer (CEng).

Career Opportunities
The programme aims to equip graduates with a broad, yet detailed overview of energy resources, conversion, and use, as well as the socio-economic and environmental impacts of energy-related activities. The programme provides a broad introduction to current energy issues and specialist knowledge and skills to analyse, appraise, or design energy systems or equipment.


Teaching and Assessment
Our students experience a stimulating teaching environment which blends conventional lectures and tutorials with online material in our Virtual Learning Environment. Programmes are regularly reviewed by research-active staff in Edinburgh, Dubai and Malaysia to ensure that the learning material is relevant and current.

Assessment of the taught component is through a balance of examinations and coursework.

Core Courses
- Foundations of Energy
- Technology Futures and Business Strategy
- Critical Analysis and Research Preparation
- Master’s Dissertation

Optional Courses
(select five)
- Renewable Energy Technologies
- Economics of Renewable Energy
- Heat Transfer and Heat Exchangers
- Environmental Impact Assessment
- Demand Management and Energy Storage

Entry Requirements
A relevant first or second class Honours degree in a physical science or engineering discipline, or an equivalent qualification recognised by the Malaysian Government, acceptable to the University.

Intake: September
Duration: Full-time, 1 year (weekdays and weekends) Part-time, 2 years (weekends only)
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/5227/0033) (FA2722) 03/18

Heriot-Watt came 1st in the UK in General Engineering in the 2014 Research Excellence Framework in a joint submission with the University of Edinburgh.
Petroleum Engineering
MSc

Intake: September
Duration: Full-time, 1 year (weekdays and weekends) Part-time, 2 years (weekends only)
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/544/7/0001) (FA3474) 06/18

Overview
The MSc in Petroleum Engineering is a programme of lectures and project work, encompassing a wide range of petroleum engineering fundamentals, pertinent to the modern petroleum industry. Project work provides an opportunity for ideas and methods, assimilated through lectures and tutorials, to be applied to real field evaluation and development design problems.

The courses are applied in nature and have been designed so that a graduate is technically well prepared for, and has a sound knowledge of, the industry into which he or she will be recruited. These courses provide specialist education tailored to the requirements of the upstream petroleum industry. The relevance of this education combined with careful selection of candidates has encouraged oil and oilfield service companies to target Heriot-Watt for recruitment of graduates over the years.

Accreditation
In accordance with our normal practice, our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition in Malaysia, we seek accreditation by UK and international professional bodies in accordance with their standard procedures.

Career Opportunities
The main graduate destination is the upstream oil and gas industry, however, it is expected that some graduates will also find employment within the downstream oil and gas industry.

The programme is recognised by graduate-recruiting businesses globally, and many of our graduates are employed at the most senior technical and management levels in international oil and gas companies.

Teaching and Assessment
Our students experience a stimulating teaching environment which blends conventional lectures and tutorials with online material in our Virtual Learning Environment. Programmes are regularly reviewed by research-active staff in Edinburgh, Dubai and Malaysia to ensure that the learning material is relevant and current.
Assessment of the taught component is through a balance of examinations and coursework.

Core Courses
- Reservoir Engineering
- Petroleum Geoscience
- Drilling Engineering
- Formation Evaluation
- Reservoir Engineering - Well Test Analysis
- Reservoir Simulation
- Petroleum Economics
- Production Technology

Projects
- Design Project
- Individual Project

Entry Requirements
A relevant first or second class Honours degree or a degree qualification, or equivalent qualification recognised by the Malaysian Government, acceptable to the University.
Renewable Energy Engineering

MSc

Overview
This Master’s degree is a specialist programme with a clear Mechanical Engineering focus. It aims to equip students with a wide-ranging, yet detailed overview of renewable energy resources and their exploitation, as well as the socio-economic and environmental impacts of related activities. To do this, the programme provides a broad introduction to current energy issues and specialist knowledge and skills to analyse, appraise or design renewable energy systems or equipment.

This programme is an advanced MSc in the rapidly expanding area of renewable energy engineering. It is aimed at students wishing to develop critical understanding of the significant changes taking place in the energy industry due to the development and integration of wind, marine, biomass and solar technologies. The programme will enable graduates to develop and implement creative solutions to the problems encountered in renewable energy capture, conversion, storage and management.

Accreditation
In accordance with our normal practice, our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions, and we are seeking accreditation from the Energy Institute for Further Learning for Chartered Engineer (CEng).

Career Opportunities
Many of the students studying on this programme are in employment. By gaining the Masters degree in Renewable Energy Engineering, they enhance their career prospects with their current employer, both by virtue of the qualification and because they are able to contribute more through application of the knowledge and skills they have gained. As the importance of the renewable energy sector continues to increase, this programme equips graduates to move into other areas of employment in this exciting field.

Teaching and Assessment
Our students experience a stimulating teaching environment which blends conventional lectures and tutorials with online material in our Virtual Learning Environment. Programmes are regularly reviewed by research-active staff in Edinburgh, Dubai and Malaysia to ensure that the learning material is relevant and current.

Assessment of the taught component is through a balance of examinations and coursework.

Core Courses
- Foundations of Energy
- Renewable Energy Technologies
- Economics of Renewable Energy Engineering
- Advanced Renewable Energy Engineering
- Demand Management and Energy Storage
- Environmental Impact Assessment
- Critical Analysis and Research Preparation
- Master’s Dissertation

Optional Course
- Heat Transfer and Heat Exchangers

Entry Requirements
A relevant first or second class Honours degree in a physical science or engineering discipline, or an equivalent qualification recognised by the Malaysian Government, acceptable to the University.
At Heriot-Watt University Malaysia, I believe I have all the support I need to build a strong foundation for my education, career and future. What’s more, I get to pursue a well-respected British higher education right here in Malaysia.

Johan Kamal
3rd Year, Psychology with Management.
Former School: Beaconhouse Sri Inai, Petaling Jaya
Psychology
BSc (Hons)

Intake: September
Duration: Full-time, 3 years
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/311/6/0081) (PA8056) 04/21

Overview
Psychology is the science of behaviour and the mind. It uses a variety of scientific methods to explore key areas, including: the influence that our biology has on behaviour; the ways in which we develop from early infancy to adulthood; the ways in which we perceive, think, solve problems and make decisions; and the way we interact with each other. All of these approaches enable theories to be developed and tested within psychology. Our programmes focus on problems in the real world and consider how psychology can help us to address it.

Psychologists work in settings such as education, health and mental ill-health, sport and exercise, systems design, the environment, and forensic and criminological analysis, where theory and practice come together.

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Career Prospects
Psychology graduates generally progress to a wide variety of careers, including business, teaching, counselling, nursing, social work, probation work and market research. Psychology graduates may also progress in the profession itself by training as clinical, educational, forensic, health or sports psychologists.

Teaching and Assessment
Learning methods include: lectures, seminars, practical experimental classes, web-based and computer-based work.

Core Courses
YEAR 1
- Cognitive Psychology 1
- Human Development and Intelligence
- Research Methods and Analysis 3
- Research Methods and Analysis 4
- Cognitive Psychology 2
- Social Psychology

YEAR 2
- Cognition across the Lifespan
- Forensic Psychology 1: Principles
- Research Methods and Analysis 5
- Psychobiology
- Research Methods and Analysis 6
- Social Cognition and Personality
- Applied Psychology: Health Psychology and Professional Practice

YEAR 3
- Theoretical Research Project 1 and 2

Students take a total of 8 courses per year including core, optional and elective courses/projects.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCCC
or A-Level: CCC
or STPM: CCC
with minimum C in Science and Maths at SPM/O-Level or equivalent
or Diploma or any other relevant qualification recognised by the Malaysian Government.

95% of Psychology with Management graduates are in work or further study six months after finishing their degree.
Overview
This Bachelor’s degree aims to introduce you to these scientific methods and the critical evaluations that go into answering important questions from a psychological perspective.

The psychology component of the programme (70%) covers the discipline’s main areas, namely social psychology, developmental psychology, cognitive psychology, biological psychology, individual differences and research methods, and emphasises their application to various employment-related contexts. The management component of the programme (30%) introduces a range of topics that are relevant to Psychology such as consumer behaviour, marketing, human resource management, and project management.

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Career Prospects
Graduates will be well-prepared for business-related employment. Psychology graduates generally progress to a wide variety of careers, including business, teaching, counselling, nursing, social work, probation work and market research. Psychology graduates may also progress in the profession itself by training as clinical, educational, forensic, health or sports psychologists.

Teaching and Assessment
Teaching methods range from lectures, tutorial classes and mentor sessions, to computer-based laboratory activities supported by group and individual projects. Assessment is by examination, coursework, presentations, group project and individual project, the balance being appropriate to the different teaching methods used in the courses.

Core Courses
YEAR 1
- Cognitive Psychology 1
- Human Development and Intelligence
- Research Methods and Analysis 3
- Research Methods and Analysis 4
- Cognitive Psychology 2
- Social Psychology

YEAR 2
- Cognition across the Lifespan
- Research Methods and Analysis 5
- Psychobiology
- Research Methods and Analysis 6
- Social Cognition and Personality

YEAR 3
- Psychology with Management Research 1
- Psychology with Management Research 2

Students take a total of 8 courses per year including core, optional and elective courses/projects.

For full details of the optional and elective courses please refer to our website.

Entry Requirements
Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCCC
or A-Level: CCC
or STPM: CCC
with minimum C in Science and Maths at SPM/O-Level or equivalent
or Diploma or any other relevant qualification recognised by the Malaysian Government.

Intake: September
Duration: Full-time, 3 years
Fees: See website for details: www.hw.edu.my/fees
Programme: KPT/JPS (N/311/6/0075) (FA5343) 08/20

www.hw.edu.my
Overview
The programme is aimed at people already in, or aspiring towards, a career in any business setting. It provides detailed understanding of many aspects of psychology relevant to the workplace. The programme equips graduates with knowledge and understanding of psychological theory, evidence and methods relevant to business practice in a wide range of organisations and the skills and personal qualities needed to apply their knowledge successfully in the course of their business careers.

Accreditation
In accordance with our normal practice our professionally orientated programmes are designed to meet the educational requirements for membership of relevant professional institutions. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

Career Opportunities
The main graduate destinations are business, industry and commerce. The programme is particularly focused on delivering graduates with skills appropriate to marketing and human relations, and to the operations of global businesses. However, it is expected that some graduates will find employment within other business specialisms.

Teaching and Assessment
Our students experience a stimulating teaching environment which blends conventional lectures and tutorials with online material in our Virtual Learning Environment. Programmes are regularly reviewed by research-active staff in Edinburgh, Dubai and Malaysia to ensure that the learning material is relevant and current.
Assessment is through a balance of examinations, coursework and a substantial research project.

Core Courses
- Introduction to Human Factors
- Psychology for Marketing
- Psychology of Coaching
- Research Methods
- Social and Organisational Change
- Organisational Culture
- Leadership
- Diversity
- Psychology for Business Masters Project

Entry Requirements
A relevant first or second class Honours degree, or an equivalent qualification recognised by the Malaysian Government, acceptable to the University.

Business Psychology graduates have transferable and highly sought-after skills that bridge the gap between theory and real-world application.
Support Services

The Student Service Centre provides support and advice for students throughout their studies.
Student Service Centre
Staff provide guidance on a range of administrative matters to ensure that students receive the right information. Main responsibilities include enrolment, administrative services, student records, examinations, amendments to registration, fee collections, timetables, room bookings, appeals, graduations and clarification on policies and procedures including campus transfers.
Information is available on the University’s website and if you require further information on any student-related issues, please contact the Student Service Centre.
MYstudentcentre@hw.ac.uk

International Students
It can be daunting for international students who are leaving home for a new country. Our International Student Support Office (ISSO) is set up to assist international students accepted to study at Heriot-Watt University Malaysia, from student visa application to arrival at the University.
The ISSO lodges your student visa applications with Education Malaysia Global Services (EMGS) and helps you with all the questions you may have before your arrival. A representative from the ISSO will also meet you at the airport and check you into student accommodation.
A range of support departments are available to assist you throughout your studies. During orientation, new students will be introduced to each department and the services it provides.
MYinternationaloffice@hw.ac.uk

Counselling
Being a student can be a very positive experience but it can also bring a variety of challenges. We know that the pressures of studying and being in a new environment can impact on your relationships, finances and general wellbeing, and that this can sometimes feel overwhelming.
We can offer you counselling, support and information to help you deal with the difficulties you may face.

Information Services
Staff at the library reception and helpdesk provide support to students on Information Services, which encompasses both IT and library services. New students will receive an induction to Information Services when they start at the University.

IT
Students are supported in their learning with IT facilities including industry relevant software and the Virtual Learning Environment (VLE). The VLE is a web-based integrated learning and teaching tool.
ITHelp@hw.ac.uk

Library
The library has been designed to cater for the different learning styles and preferences of students. Quiet study rooms have been provided for individual study while group study and discussion areas are provided for collaborative learning. In addition, we have dedicated study spaces that are open 24 hours, 7 days a week.
The selection of books and journals available in the library are updated throughout the academic year in response to requests from students and academic staff. All Heriot-Watt students, globally, receive access to nearly 50,000 electronic journals, more than 270 databases, and 71,000 e-books.
During the academic year, Power Hour workshops are offered at the library. These workshops are designed to enhance information literacy, study, research and IT skills.
MYlibrary@hw.ac.uk

Careers Advisory Service
The Careers Advisory Service aims to help students identify their career goals and develop the skills required to gain employment.
We provide careers information on a range of topics including applications, CVs, interview techniques, aptitude tests, internships and graduate occupations.
We assist students by providing opportunities for their internships, which are compulsory for certain programmes. Careers events will be organised during the academic year to introduce students to employers and provide networking and employment opportunities.
MYCareers@hw.ac.uk

Heriot-Watt students also have access to our careers website, which is managed by our UK campus and supported by local staff.

Recruitment and Admissions
The Recruitment and Admissions Office will advise and support prospective applicants, their parents and advisors at every stage of the applications process.
We will provide you with all the information you need to ensure that you are able to make the right choice and help you with any questions or concerns that you may have.
MYadmissions@hw.ac.uk
Heriot-Watt University is committed to providing a holistic student experience to students studying at our Malaysia Campus.

Accommodation
We want our students to be taken care of and student life to be as enjoyable as possible throughout their higher education journey. As we have no on-campus accommodation, we coordinate, liaise and arrange our off-campus student accommodation with approved external service providers to ensure you have safe and suitable living arrangements and the best experience. Our accommodation choices are all located in Malaysia’s own Silicon Valley, Cyberjaya, around 10km or 15 minutes’ drive from Putrajaya. Convenient public transportation is within walking distance in addition to the free Heriot-Watt University shuttle bus service.

All accommodation has 24-hour security and each has a warden who is there to help you settle in and sort out any problems along the way.
For accommodation details and to apply please refer to the website:
www.hw.ac.uk/accommodation-malaysia
or email: MYaccommodation@hw.ac.uk

Student Development
We offer a range of activities to help students settle into university life, make friends and feel part of a university community. We provide opportunities for students to develop important skills and gain valuable experience, in addition to those offered by our academic programmes. It all helps Heriot-Watt University in shaping the leaders of the future.
Sport and Recreation
There are many sights to see and leisure opportunities in and around Kuala Lumpur and Putrajaya, where the many public parks provide excellent recreation and picnic spots for students.
In Putrajaya, a range of sports and recreation facilities are easily accessible and offer special rates or discounts to Heriot-Watt students. The sports complex in Precinct 18 has outdoor and indoor facilities, with many free of charge on weekdays. The water sports complex at Precinct 6 boasts an Olympic-size swimming pool and other facilities. There is also an Extreme Challenge Park at Precinct 5.

Student Clubs and Societies
We encourage students to get involved in student activities. Student clubs and societies are a great way to meet new people and make friends with students from around the world. There are a number of clubs and societies which are actively seeking new student members. Clubs are run by students for students and are an excellent way to get involved and enrich your university life.
For more information about the latest student activities, clubs and associations, visit: www.hwumsa.com

Public Transport
Public buses and the KLIA Express will bring you from Kuala Lumpur to Putrajaya Sentral, the main bus and express rail station at Putrajaya. From Putrajaya Sentral, you can hop on to the campus shuttle bus which will bring you to the campus and the student accommodation.
Come and Join Us - How to Apply

Heriot-Watt University Malaysia accepts applications all year round. Please follow one of the application routes below.

Supporting Documents
Please remember to upload supporting documents so that we can make a decision on your application. This includes proof of English language proficiency and original or certified copies of academic transcripts. Please refer to the supplemental item checklist on the Online Application form:

See website for details of fees:
www.hw.edu.my/fees

Response To Your Application
All applications will be carefully considered by our admissions staff and one of the following three responses will be given:

Unconditional Offer: meaning that you have been accepted to the academic programme. You must accept the offer within two weeks of receipt.

Conditional Offer: meaning that you will be required to submit additional supporting documents or achieve further qualifications prior to acceptance to the programme.

Rejection: meaning that your application regretfully could not be accepted at this time.

We will reply to you by email. Please ensure that you provide us with the correct email address.

What Next?
If you have been successful you will be informed of the following next steps you should take to be ready for the academic year.

Methods of Payment
- Bank draft / cheque / postal order - see bank details below
- Direct bank transfer - see bank details below
- Cash is only acceptable at the Admissions Office.

Apply Online
You can apply online for our programmes at bit.ly/HWUMApply (except the MBA Programme, see details below). You must create an account to use the online application form. You don’t have to complete the application in one session; you can save what you have done so far and return to complete it at a later date. There is a help facility on each page of the online form.

Methods of Payment
Bank draft / cheque / postal order - see bank details below
Direct bank transfer - see bank details below
Cash is only acceptable at the Admissions Office.

Payment reference
Name of student
Payable to
Heriot-Watt University Malaysia SDN BHD
Account Number
5140-1102-2817
Bank name
Malayan Banking Berhad (Maybank)
Bank address
Floor 8, Menara Maybank, 100 Jalan Tun Perak, 50050 Kuala Lumpur, Malaysia
Swift code
MBBEMYKL
MYadmissions@hw.ac.uk

*MBA Programme applications:
www.ebsglobal.net/programmes/mba-part-time-admissions-malaysia
malaysiaMBA@ebs.hw.ac.uk
03-8894 3683/03-8894 3684
# Summary of Entry Requirements

<table>
<thead>
<tr>
<th>FOUNDATION PROGRAMME</th>
<th>PROGRAMME NAME</th>
<th>QUALIFICATION</th>
<th>SUBJECT REQUIREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundation in Science</td>
<td>STPM/O-Level</td>
<td>5C 6.0</td>
<td>English, Mathematics, Additional Mathematics and Physics or Chemistry</td>
</tr>
<tr>
<td>Foundation in Business</td>
<td>STPM/O-Level</td>
<td>5C 6.0</td>
<td>English and Mathematics and other relevant subjects.</td>
</tr>
<tr>
<td>Foundation in Business Actuarial Science Route</td>
<td>STPM/O-Level</td>
<td>5C 6.0</td>
<td>English, Mathematics, Additional Mathematics and other relevant subjects</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNDERGRADUATE PROGRAMMES</th>
<th>PROGRAMME NAME</th>
<th>QUALIFICATION</th>
<th>SUBJECT REQUIREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEng (Hons) Chemical Engineering/ MEng Chemical Engineering with Oil and Gas Technology</td>
<td>BBC 26 points 8 3A 2B ATAR 75</td>
<td>75% CCC</td>
<td>STPM/A-Level/SAM/CPU: B in Mathematics and Chemistry. UEC: A in Mathematics and Chemistry. SMA 3: 8.0 in Mathematics and Chemistry. Diploma: Minimum 5 in SL Mathematics and Chemistry.</td>
</tr>
<tr>
<td>BEng (Hons)/MEng Mechanical Engineering</td>
<td>BBC 26 points 8 3A 2B ATAR 75</td>
<td>75% CCC</td>
<td>STPM/A-Level/SAM/CPU: B in Mathematics and Physics. UEC: A in Mathematics and Physics. SMA 3: 8.0 in Mathematics and Physics. Diploma: Minimum 5 in SL Mathematics and Physics</td>
</tr>
<tr>
<td>BEng (Hons)/MEng Electrical and Electronic Engineering</td>
<td>BBC 26 points 8 3A 2B ATAR 75</td>
<td>75% CCC</td>
<td>STPM/A-Level/SAM/CPU: B in Mathematics and Physics. UEC: A in Mathematics and Physics. SMA 3: 8.0 in Mathematics and Physics. Diploma: Minimum 5 in SL Mathematics and Physics</td>
</tr>
<tr>
<td>BEng (Hons)/MEng Civil Engineering</td>
<td>BBC 26 points 8 3A 2B ATAR 75</td>
<td>75% CCC</td>
<td>STPM/A-Level/SAM/CPU: B in Mathematics and Physics. UEC: A in Mathematics and Physics. SMA 3: 8.0 in Mathematics and Physics. Diploma: Minimum 5 in SL Mathematics and Physics</td>
</tr>
<tr>
<td>BSc (Hons) Construction Project Management</td>
<td>BBC 26 points 8 3A 2B ATAR 75</td>
<td>75% CCC</td>
<td>CCC</td>
</tr>
<tr>
<td>BSc (Hons) Quantity Surveying</td>
<td>BBC 26 points 8 3A 2B ATAR 75</td>
<td>75% CCC</td>
<td>CCC</td>
</tr>
<tr>
<td>BSc (Hons) Psychology</td>
<td>CCC 25 points 7.5 2A 3B ATAR 70</td>
<td>70% CCC CCC</td>
<td>Minimum C in Science and Maths at SPM/O-Level or equivalent</td>
</tr>
<tr>
<td>BSc (Hons) Psychology with Management</td>
<td>CCC 25 points 7.5 2A 3B ATAR 70</td>
<td>70% CCC CCC</td>
<td>Minimum C in Science and Maths at SPM/O-Level or equivalent</td>
</tr>
<tr>
<td>MA (Hons) Business and Finance</td>
<td>CCC 25 points 7.5 2A 3B ATAR 70</td>
<td>70% CCC CCC</td>
<td>Minimum B in Mathematics at SPM/O-Level or equivalent</td>
</tr>
<tr>
<td>MA (Hons) Accounting and Business Finance</td>
<td>CCC 25 points 7.5 2A 3B ATAR 70</td>
<td>70% CCC CCC</td>
<td>Minimum B in Mathematics at SPM/O-Level or equivalent. Special English requirements may apply.</td>
</tr>
<tr>
<td>BBA (Hons) Bachelor of Business Administration</td>
<td>CCC 25 points 7.5 2A 3B ATAR 70</td>
<td>70% CCC CCC</td>
<td>CCC</td>
</tr>
<tr>
<td>MA (Hons) International Business Management</td>
<td>CCC 25 points 7.5 2A 3B ATAR 70</td>
<td>70% CCC CCC</td>
<td>CCC</td>
</tr>
<tr>
<td>MA (Hons) International Business Management with Enterprise</td>
<td>CCC 25 points 7.5 2A 3B ATAR 70</td>
<td>70% CCC CCC</td>
<td>CCC</td>
</tr>
<tr>
<td>MA (Hons) International Business Management with Human Resource Management</td>
<td>CCC 25 points 7.5 2A 3B ATAR 70</td>
<td>70% CCC CCC</td>
<td>CCC</td>
</tr>
<tr>
<td>MA (Hons) International Business Management with Marketing</td>
<td>CCC 25 points 7.5 2A 3B ATAR 70</td>
<td>70% CCC CCC</td>
<td>CCC</td>
</tr>
<tr>
<td>MA (Hons) International Business Management with Year Abroad</td>
<td>CCC 25 points 7.5 2A 3B ATAR 70</td>
<td>70% CCC CCC</td>
<td>CCC</td>
</tr>
</tbody>
</table>

*CPU: based on six best relevant subjects including English (average score)

Information on this page is a guide only and some programmes may require higher entry requirements for some or all subjects. The University reserves the right to change this without prior notice.

If your country’s qualification is not listed, or you have any questions, contact our Recruitment and Admissions Office: MVadmissions@hw.ac.uk
In order to study effectively at Heriot-Watt, you need excellent English language skills. For those who need assistance, and do not meet the English entry requirements above, Heriot-Watt University Malaysia provides a Pre-Sessional English Programme (PSEP), designed for you to gain entry into any of our programmes. The programme is designed for those who have either a low score for their external English test (e.g. IELTS/TOEFL) or have not taken one.

This course is designed for students who need to raise the level of English to effectively participate in an academic setting. After the completion of the programme, students are expected to sit the PTE Academic and achieve the required score to proceed to their chosen programme of study at Heriot-Watt University Malaysia.

Course structure: 10 weeks/20 hours a week. Assessment will be 60% exam and 40% coursework.

Depending on your level of English, you will enter into one or both levels:

- **Lower Intermediate level**: January and March (For entry into April or July Foundation intake) (NKJP/00177)
- **Intermediate level**: June and October (For entry into September or January degree intake) (NKJP/00178)

### ENGLISH REQUIREMENTS

<table>
<thead>
<tr>
<th>Qualification</th>
<th>Foundation</th>
<th>UG</th>
<th>UG - Actuarial</th>
<th>PG</th>
</tr>
</thead>
<tbody>
<tr>
<td>IELTS</td>
<td>5.5</td>
<td>6</td>
<td>6.5</td>
<td>6.5</td>
</tr>
<tr>
<td>Cambridge</td>
<td>FCE Grade C</td>
<td>FCE Grade B</td>
<td>FCE Grade A</td>
<td>FCE Grade A</td>
</tr>
<tr>
<td>Pearson PTE Academic</td>
<td>51</td>
<td>57</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>MUET</td>
<td>-</td>
<td>Band 4</td>
<td>Band 5</td>
<td>Band 5</td>
</tr>
<tr>
<td>SPM</td>
<td>B</td>
<td>B+</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>1119 GCE-0</td>
<td>B</td>
<td>C</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>GCSE/GCSE</td>
<td>B</td>
<td>B</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>UEC</td>
<td>B4</td>
<td>B3</td>
<td>A2</td>
<td>A2</td>
</tr>
<tr>
<td>TOEFL IBT</td>
<td>70</td>
<td>80</td>
<td>90</td>
<td>90</td>
</tr>
</tbody>
</table>

### Pre-Sessional English Programme English Requirements

<table>
<thead>
<tr>
<th>Qualifications</th>
<th>Minimum Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>IELTS</td>
<td>Intermediate 5.0 / Lower Intermediate 4.5</td>
</tr>
<tr>
<td>Cambridge</td>
<td>155-161 / 147-154</td>
</tr>
<tr>
<td>Pearson PTE Academic</td>
<td>36-50 / 29-35</td>
</tr>
<tr>
<td>TOEFL</td>
<td>44-56 / 32-43</td>
</tr>
</tbody>
</table>

**Cost:** RM 5000  
*(Costs does not include external examination costs)*

If you have not taken an English external test, you have the option to take a Versant English placement test at any of our approved agent offices. A complete list can be obtained from our Education Consultants. We will accept you into PSEP if you meet the minimum score below:

<table>
<thead>
<tr>
<th>Versant Score</th>
<th>For entry to</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>Lower Intermediate</td>
</tr>
<tr>
<td>39</td>
<td>Intermediate</td>
</tr>
</tbody>
</table>

For more information on our English programmes, please contact:

Manager,  
Student Recruitment and Admissions Office  
hwum@hw.ac.uk  
+603 8894 3888 / +60 12-651 2599
Heriot-Watt University Malaysia forges many partnerships with industry to ensure that our programmes stay relevant to industry needs, as well as to open doors for our students to work with them.

The corporate organisations that we maintain close ties with give away generous scholarships for those who wish to pursue their studies at our University, with numerous benefits aside from providing partial or full scholarships. This can be in the form of job security, internships, or even additional living allowances.

Opposite is a list of the corporate organisations that provide scholarships for our programmes.

Applications for these scholarships may be directed through our Education Consultants via the Student Recruitment and Admissions unit, or you may need to apply directly to the organisations. You should read and understand the terms and conditions for each of the scholarships at the respective organisation’s website below before applying for them.

For more details, visit: www.hw.edu.my/scholarships
Scholarships and Tuition Fees

At Heriot-Watt, we believe that a university education is an investment in your future. In order to help with your finances, we offer a range of scholarships to qualifying students.

**Tuition Fees**
For full details of current tuition fees and registration fees for local and international students, please visit: www.hw.edu.my/fees

**Scholarships**
Our range of scholarships to qualifying students includes those offered by Heriot-Watt and industry partners.
For full details of all the scholarships and assistance offered, visit: hw.edu.my/scholarships

**Hardship Scholarships**
Students with excellent academic results who demonstrate financial need are eligible to apply for hardship scholarships at Heriot-Watt University Malaysia. These scholarships are valued at 50% or 100% of the tuition fee.

**Merit Scholarships**
The University offers a number of merit scholarships of up to 35% of tuition fees to recognise high achieving students.

**Family Discount**
(For Foundation, Undergraduate and Postgraduate Studies)
A discount of 10% is granted to children and/or a spouse of a Heriot-Watt University alumni who register for a programme of study at Heriot-Watt University Malaysia. This discount is also granted to siblings of currently registered students of Heriot-Watt University Malaysia who register for a programme of study at the University.

**Heriot-Watt Alumni Waiver**
(For Postgraduate Studies only)
A fee waiver of 20% is granted to Heriot-Watt University alumni who register for postgraduate programmes of study at Heriot-Watt University Malaysia.

This discount does not apply to the MBA programme and is awarded on receipt of documentary evidence of an undergraduate or postgraduate award from Heriot-Watt University.

**Application Advice**
We also support and advise students in the application of loans and grants. The Scholarship and Financial Aid Unit assists in providing certification for documents required for the application for MyBrain15, EPF withdrawals, bank loans and more.

hwum@hw.ac.uk
Route map to Heriot-Watt University Malaysia

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Precinct 5,
62200 Putrajaya,
Malaysia
www.hw.edu.my
Latitude: 2.899305
Longitude: 101.6727019

Heriot-Watt University Malaysia Campus

North-South Expressway
Central Link (ELITE)
(from KLIA)

Dengkil Bypass

Ministry of Higher Education Malaysia

Ministry of Tourism Malaysia

Putrajaya swimming pool complex

Pullman Lakeside

Putrajaya Sentral Station

Putrajaya International Convention Centre

North-South Expressway
Central Link (ELITE)
(from Stadium Shah Alam)

Putrajaya
International
Convention Centre

Putrajaya

Maju
Expressway

To Kuala Lumpur

Route map to Heriot-Watt University Malaysia

Persiaran Selatan

To Kuala Lumpur

Persiaran Selatan

Persiaran Selatan

Persiaran Selatan

PRE
C
IN
CT
5

PRE
C
IN
CT
6

Putrajaya

The Marina

Putrajaya

The Marina

Putrajaya

Heriot-Watt

University

Malaysia Campus

Heriot-Watt

University

Malaysia Campus

Pullman

Lakeside

Ministry of Tourism Malaysia

Ministry of Higher Education Malaysia

Latitude: 2.899305
Longitude: 101.6727019

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Longitude: 101.6727019
Contact Us

Online, by telephone, via email and in person - our dedicated staff are always here to advise and help you.

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The University accordingly reserves the right without notice to vary the content of the programmes and syllabuses previously announced, to withdraw degree programmes and to modify, as seems appropriate, the facilities and arrangements for students. All changes to programme content will be subject to MQA and MOHE approval. If the University discontinues any programmes, applicants will be notified and given alternate options. Any changes will be incorporated in subsequent editions of this prospectus. Applicants and students should enquire as to the current position when the most up-to-date information is required. The University also gives notice that it will not accept liability for any loss or injury sustained by a student whether in connection with their studies or not.

Please note: Heriot-Watt University Malaysia undergraduate years 1-3 are equivalent, in the Heriot-Watt University UK system, to years 2-4 and will appear as such on academic correspondence. All graduate employment statistics relate to Heriot-Watt University as a whole.

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