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Heriot-Watt University enjoys an established reputation for world-class teaching and practical, leading-edge research.
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.

Heriot-Watt is a truly global university – with a lively and vibrant academic community of over 34,000 students, from more than 150 countries, studying for degrees worldwide. This was highlighted in the 2016/17 QS World University Rankings which ranked us in the world’s top ten for the international mix of our students.

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.
Our Impact

Top 4%
TRULY GLOBAL EXPERIENCE
Top 4% of universities globally. QS World University Rankings 2015/16.

Top 30/40
UK RANKING

Top 10
INTERNATIONAL PROGRAMMES

Top 20
GRADUATE STARTING SALARIES
Top 20 in the UK for highest graduate starting salaries. Times/Sunday Times Good University Guide 2016.

34th
Heriot-Watt has risen three places to 34th in the UK. 2017 Complete University Guide.
Welcome

Professor Robert Craik

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

At Heriot-Watt we are known for the quality of our teaching, research and our partnership with our students. We are continuing this at our Malaysia Campus, providing an excellent education and student experience on-campus.

In this unrivalled setting you can choose from a range of undergraduate and postgraduate degrees in key areas of importance to the Malaysian economy, with excellent employment potential, including Engineering, Actuarial Science, Construction, Accounting, Psychology and Business Management.

We offer direct entry into our undergraduate degrees, or our Foundation Programmes provide the ideal preparation for degree entry.

With the same undergraduate programmes offered at our Edinburgh and Dubai campuses, you can choose to benefit from an international experience during your studies by transferring for part of your degree.

We welcome students from Malaysia and beyond, local and international, and offer a range of scholarships designed to encourage excellence and extend opportunities to everyone with the ability and ambition to benefit from a Heriot-Watt University degree.

We have a long-standing relationship with South East Asia and strong links with Malaysia. Our first Malaysian student graduated from our Edinburgh Campus in 1967 and today we have over 4,000 alumni from Malaysia and 108,000 alumni from all over the world - a ready-made network of friends!

Choose Heriot-Watt University Malaysia and you will find that being a student here is both academically stimulating and a rewarding life experience.
Our Impact

1st

Top 10
Top 10 in the UK for proportion of international staff. *QS World University Rankings 2015/16.*

3rd

Top 10

2nd

Top 150
Top 150 in the world for Civic and Structural Engineering. *QS World University Rankings 2015/16.*

www.hw.edu.my
World-leading

We are internationally renowned for the quality of our education and research, our links to business and industry, and our graduates who meet their evolving needs.

The University has a strong international profile and a reputation for world-class education with 20,000 of our 34,000 students currently studying Heriot-Watt programmes outside the UK.

The opening of our international campus in Malaysia is an important milestone in our global strategy of increasing access to world-class education in South East Asia.

We aim to foster graduates with well-developed, career-related skills and a real competitive edge, maximising their international employability in their chosen field.

Go Global

Heriot-Watt positively encourages student transfers between our campuses in the UK, Dubai and Malaysia as part of our Go Global programme.

Inter-Campus Transfers are designed to provide a valuable international experience as part of your programme of study at the University. Transfers are available to undergraduate students for a semester, a year or longer.

Please see page 12 for more information about Go Global.

108,000 Friends

Our first Malaysian student graduated from the Edinburgh Campus in 1967 and today we have 4,000 Malaysian alumni.

Graduates automatically become lifetime members of The Watt Club, connecting almost 108,000 Heriot-Watt graduates worldwide.

Founded in 1854, it is the oldest alumni association in the UK and an important global network for our graduates.

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,
2nd Year, Psychology with Management,
Former School: Beaconhouse Sri Inai, Petaling Jaya
Our Impact

9th/82%

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.

195 YEARS

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

5 GLOBAL CAMPUSES
A truly international university with five global campuses, partners in 150 countries and 34,000 students studying worldwide

93%

GRADUATE-LEVEL JOBS
Over 93% 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.

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

Heriot-Watt University Malaysia's campus is located at Putrajaya, 25km south of Kuala Lumpur.

The Putrajaya Campus is situated in a stunning lakeside location of 4.8 acres. The first phase of the campus accommodates a population of 4,000 students and when fully developed, will support a vibrant community of up to 6,000 students.

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

The green roof is one of the biggest in the country, and the most recognisably sustainable feature of the campus. As well as shading most of the naturally ventilated spaces below, it acts to reduce thermal transmittance to its surroundings, and collects rainwater to irrigate the landscape below.

Campus Facilities
There are student meeting rooms as well as common rooms throughout the campus, giving students space to relax and socialise.

The two-storey 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.

Overlooking the lake and promenade is the University cafeteria, a bakery, a choice of food and drink outlets and a convenience store.

Putrajaya
Putrajaya, planned as an intelligent, garden city, is the federal administrative centre of Malaysia. It is a modern, thriving and beautifully laid-out city with excellent connections to Kuala Lumpur, offering a safe, appealing and high-quality environment for academic study.

Image: A night view of Heriot-Watt University, Malaysia.
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 5.87 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:

Recruitment and Admissions Office

E: hwum@hw.ac.uk
T: +60 3 8894 3888
www.hw.edu.my
Kuala Lumpur is ranked 1st as most affordable city to live in. www.topuniversities.com
Go Global

Study and see the world: At Heriot-Watt you have the opportunity to gain a truly international experience, by taking part in an Inter-Campus Transfer to our Edinburgh or Dubai Campus.

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/dubai.

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 can give you a competitive edge, as well as bringing a new perspective on 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.

HERIOT-WATT UNIVERSITY / MALAYSIA PROSPECTUS 2017
Florence Ong Woei Yng

Florence is a third-year Chemical Engineering student from Malaysia. She is spending two years at the Edinburgh Campus on an Inter-Campus Transfer.

Q: Why did you decide to take part in an Inter-Campus Transfer?

I was interested in the exhilarating adventures and life experiences awaiting at the other side of the globe! I couldn’t wait to be exposed to a different variety of cultures and lifestyles abroad. Also, I believe that an international experience on my resume will enhance employment opportunities in the future, be it in Malaysia or other countries.

Q: What are the highlights from your global student experience so far?

I have been able to travel a lot, in Scotland, the UK and around Europe, which has been amazing. My friends and I have visited the Highlands and tourist attractions in Scotland and some of us are planning on a trip around the whole of Europe during the summer before heading back to Malaysia. In addition, I have made lifelong friends here from all around the world. That alone is so worthwhile and makes studying here in Edinburgh so much more fun and interesting.

Q: Is there anything that you are finding challenging about studying in Edinburgh?

I have to rely on public transportation, which can be really time consuming. Heriot-Watt’s campus is located on the outskirts of the city and it can take 30-40 minutes to get the bus into the city. Also, the weather here is highly unpredictable so I always have to be prepared for different weather by carrying an umbrella and wearing layers. Weather can be a topic of conversation here unlike Malaysia, where the weather is always constant and predictable.

Q: What advice would you give other students thinking of taking part in Heriot-Watt’s Global Student Programme?

Studying abroad teaches you to be independent and have self-discipline and perseverance. It will push you beyond your comfort zone and you’ll be amazed by what you can actually achieve. The experience will be truly life-changing and eye-opening. Becoming a global student is by far the best decision I’ve made.
International Campuses

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.

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

Edinburgh

Heriot-Watt University’s main campus is situated in Edinburgh, the stunning capital city of Scotland, a one-hour flight from London and approximately two hours from many major European cities.

Over 9,700 staff and students are based on the Edinburgh Campus, which is set in 380 acres of parkland and offers a green, peaceful and stimulating environment for studying, relaxing and socialising.

The campus is known as one of the most international in the United Kingdom, and the world, with over one third of its students coming from other countries including Malaysia, India, China, Mexico and from all over Europe.

Find out more:
www.hw.ac.uk/edinburgh
Dubai
Heriot-Watt was the first university to open a campus in Dubai International Academic City, approximately 25 minutes from the centre of Dubai. Building on its international and academic success, the Dubai Campus has undergone an AED 100 million transformation and trebled in size to accommodate 4,000 students, making it the biggest and fastest growing university in the United Arab Emirates.

Find out more:
www.hw.ac.uk/dubai

Scottish Borders
Our Scottish Borders Campus is home to the School of Textiles and Design, located in the town of Galashiels, Scotland. The campus recently underwent a multi-million pound refurbishment to create an inspiring learning environment and centre for excellence with integrated learning facilities, specialised workshops, spacious studios and a gallery.

Find out more:
www.hw.ac.uk/borders

Orkney
The Orkney Campus is based in Stromness in the Orkney Islands, off the north coast of Scotland. It is home to the International Centre for Island Technology (ICIT), part of Heriot-Watt’s School of Energy, Geoscience, Infrastructure and Society. Established in 1989, ICIT has panoramic views over the harbour of Hamnavoe towards the sheltered anchorage of Scapa Flow.

Find out more:
www.hw.ac.uk/orkney
Heriot-Watt University Malaysia

School overview

Heriot-Watt University degree programmes are typified by a high level of relevance to industry and commerce. The programmes we offer in Malaysia are delivered through the skills and expertise of our specialist Schools.
The School of Energy, Geoscience, Infrastructure and Society is one of the UK’s leading institutions for multidisciplinary research and teaching. The School includes the renowned Institute of Petroleum Engineering, which has offered a high quality oil and gas industry-focused teaching experience for over 40 years. As one of only seven built environment schools in the UK, the School has spent over 20 years building a leading international reputation, with a high percentage of research within all institutes being recognised as international and world leading in the UK’s Research Excellence Framework (REF) 2014 review.

The School has a diverse and well-established portfolio of undergraduate and taught postgraduate programmes with students from around the world studying full time, part time and by flexible distance-learning through an online virtual learning platform.

There are close links with industry and employers to ensure that students receive the most up-to-date and relevant teaching. All of the School’s established programmes have accreditation from the relevant UK professional bodies.

Postgraduate teaching and research is all contained within four research institutes that reflect the range of expertise and knowledge within the School:
- the Centre of Excellence in Sustainable Building Design
- the Institute for Infrastructure and Environment
- the Institute for Social Policy, Housing, Environment and Real Estate
- the Institute of Petroleum Engineering.

Programmes

**UG DEGREE PROGRAMMES**
- BSc (Hons) Quantity Surveying
- BSc (Hons) Construction Project Management
- BEng (Hons) Civil Engineering
- MEng Civil Engineering

**PG DEGREE PROGRAMMES**
- MSc Construction Project Management
- MSc Quantity Surveying
- MSc Petroleum Engineering

www.hw.edu.my
The School of Social Sciences offers a range of degree programmes which share an international outlook and a clear focus on producing career-ready graduates. By providing a rich and varied learning environment we will help you achieve your goals.

The School has one of the largest postgraduate student communities within Heriot-Watt University. It offers undergraduate and taught postgraduate and research programmes in five main disciplines:

- Accountancy and Finance
- Business Management
- Economics
- Languages and Intercultural Studies
- Psychology.

Studying at the School, you will join a global community with like-minded students based in our Edinburgh, Dubai and Malaysia campuses. In this dynamic and diverse environment you will enjoy the highest quality teaching and learning and achieve excellent employment prospects: our graduates move onto professional careers with some of the most significant companies worldwide.

All of our degrees blend theoretical learning with the practical skills required in the modern business world. Our broad range of business related degrees in Accountancy, Finance, Business Management, Marketing, HRM and Enterprise have a clear focus on developing your skills for the workplace. Our Psychology degrees equip you with an understanding of human behaviour and the skills to apply your knowledge to an inclusive and productive society. Previous graduates have gone on to work for major international companies including Amazon, IKEA and Shell.

Programmes

**UG DEGREE PROGRAMMES**
- MA (Hons) Accounting and Business Finance
- MA (Hons) Business Management
- MA (Hons) International Business Management
- BSc (Hons) Psychology
- BSc (Hons) Psychology with Management
- BBA (Hons) Bachelor of Business Administration
- MA (Hons) Business Management with:
  - Marketing
  - Human Resource Management
  - Enterprise
- MA (Hons) Business and Finance

**PG DEGREE PROGRAMMES**
- MSc Business Psychology
- MSc International Business Management with Marketing
- MSc Strategic Project Management
- MSc Business Strategy, Leadership and Change

**PLANNED PG DEGREE PROGRAMMES**
(pending MOHE approval at time of publication)
- MSc International Business Management with Finance
School of Engineering and Physical Sciences

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

The School of Engineering and Physical Sciences is a multi-disciplinary school bringing together expertise across:

- Engineering
- Mechanical Engineering
- Chemical Engineering
- Electrical, Electronic and Computer Engineering
- Physics
- Chemistry.

The School’s mission is the creation and transfer of knowledge through research, teaching and learning. Its undergraduate and postgraduate taught and research programmes are designed to meet the needs of students and their future employers. With a strong foundation of core strengths, it has the expertise to tackle a wide range of challenging and important problems and is proud of its international research reputation and close connection with the professional and industrial world of science, engineering and technology.

Undergraduate teaching tends to follow these traditional disciplinary boundaries, while the School’s postgraduate research and teaching activities reflect the interdisciplinary demands of research and associated industries, taking full advantage of the interactions between science and engineering. Research activity across the School is organised within five interdisciplinary Research Institutes:

- Biological Chemistry, Biophysics and Bioengineering
- Chemical Sciences
- Mechanical, Process and Energy Engineering
- Photonics and Quantum Sciences
- Sensors, Signals and Systems.

Programmes

UG DEGREE PROGRAMMES
- BEng (Hons) Mechanical Engineering
- BEng (Hons) Electrical and Electronic Engineering
- BEng (Hons) Chemical Engineering
- BEng (Hons) Petroleum Engineering
- MEng Mechanical Engineering
- MEng Electrical and Electronic Engineering
- MEng Chemical Engineering with Oil and Gas Technology
- MEng Petroleum Engineering

PG DEGREE PROGRAMMES
- MSc Energy
- MSc Renewable Energy Engineering

www.hw.edu.my
School of Mathematical and Computer Sciences

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

The School of Mathematical and Computer Sciences is a world-leading centre of teaching and research in actuarial mathematics, financial mathematics, risk management, probability and statistics.

The School’s reputation for Actuarial Science provision is second to none. Staff are highly qualified and are consistently praised for their excellent teaching skills and for their high-quality research which is recognised across the globe.

Actuarial Science graduates go on to practice in many sectors, including finance, investment, risk management, insurance and pensions, and work as members of well-established professional bodies. Roles are varied in line with the growing importance of actuaries as key managers of risk in business and financial processes.

Graduates are employed in many countries around the world including Canada, China, India, Greece, Luxembourg, Ireland and the UK, by large and small actuarial firms including EY, Scottish Widows, Punter Southall, Aegon, Bank of Ireland, Prudential, Cigna, Hymans Robertson, Royal Liver Assurance and Austin Consulting.

Programmes

UG DEGREE PROGRAMMES

- BSc (Hons) Actuarial Science

PLANNED UG DEGREE PROGRAMMES

(pending MOHE approval at time of publication)

- BSc (Hons) Statistical Modelling
Edinburgh Business School

Study for an internationally recognised British MBA, one of the most popular in the world.

Edinburgh Business School, the Graduate School of Business of Heriot-Watt University, is committed to providing opportunities to people with the relevant experience and ability to study for a masters level programme in business from all over the world.

For more than 25 years, our programmes of study, particularly our flagship MBA, have enhanced the careers of business professionals. Over 40% of Fortune 500 companies have employees on the Edinburgh Business School MBA programme.

Students are 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 two years 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.

With the new Heriot-Watt University campus at Putrajaya, we bring to this state-of-the-art facility 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.

Teaching which is delivered in English over a series of two day weekend seminars and revision classes, allows a dynamic combination of students all with diverse experiences, backgrounds and cultures to share and exchange knowledge in a rich learning environment.

Programmes
PG DEGREE PROGRAMMES
MBA, Master of Business Administration
The Heriot-Watt Foundation programme gives me the opportunity to learn in a conducive environment, surrounded with people of diverse backgrounds – living up to its reputation of being a global university. Classroom activities and assignments have allowed me to develop communication and decision-making skills, to work in groups effectively, as well as to study independently – all in a learning community that has forever changed my outlook of the world.

NURLAEEQA ANISSA MD WAHID
Foundation Programme

The Heriot-Watt University Malaysia Foundation Programme gives you a fantastic opportunity to proceed to an internationally recognised degree at Heriot-Watt University Malaysia or any of Heriot-Watt University’s campuses.

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 Programmes introduce you to the style of teaching that best prepares you for degree level studies like tutorials, seminar-style classes and lectures.

Our intensive and focused programme enables you to:
- transition into degree-level studies
- make an informed choice about your degree
- benefit from small classes and tutorials
- learn how to work in groups, conduct research and deliver presentations
- gain English language and study skills

Successful completion of this Foundation programme enables entry to the first year of undergraduate degree at Heriot-Watt University Malaysia or the equivalent level offered in the UK and Dubai campuses.
How it Works

The Programme
INTAKE: April or July
DURATION: Full-time, 3 semesters
FEES: See website for details: www.hw.edu.my/fees
PROGRAMMES:
  Foundation in Science
  KPT/JPS (N/010/3/0223) (FA4351) 01/19
  Foundation in Business
  KPT/JPS (N/010/3/0240) (FA4351) 03/19

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 for academic work, to give presentations, answer follow-up questions, contribute to seminar discussions, take notes from readings and lectures, plan, develop and write well-structured academic essays and be confident in self-directed learning strategies.

You will develop a range of study skills including learning and motivation, time management and reading strategies. You will learn how to locate, evaluate and use information effectively and ethically, in broad terms and in relation to your particular area of study.

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 assessments and a final examination.

Admissions Note
The information on this page serves only as a guide to the minimum requirements for university acceptance. The institution evaluates your overall application and makes an offer based on your entire profile. Please check the entry requirements as these are subject to change.

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 degrees.
what grades do I need?

3Bs + 2Cs in SPM / O Levels, in relevant subjects including:
B in English, Mathematics and Physics or Chemistry
C in Additional Mathematics and Physics or Chemistry
SMA 3 (Indo) 6.0 or equivalent

what courses do I study?

Physics
Chemistry
Mathematics
Academic English
English for Science and Engineering
Study Skills and Transition to University Degree Study

Mathematics
Accounting and Finance
Economics
Academic English
English for Business
Study Skills and Transition to University Degree Study

Economics
Accounting and Finance
Business Management
Academic English
English for Business
Study Skills and Transition to University Degree Study

what choice of degree will I have?

BSc (Hons) Actuarial Science
BEng (Hons) / MEng Chemical Engineering / Chemical Engineering with Oil and Gas Technology
BEng (Hons) / MEng Civil Engineering
BSc (Hons) Construction Project Management
BEng (Hons) / MEng Electrical and Electronic Engineering
BEng (Hons) / MEng Mechanical Engineering
BEng (Hons) / MEng Petroleum Engineering
BSc (Hons) Quantity Surveying
BSc (Hons) Psychology with Management
BSc (Hons) Psychology

BBA (Hons) Business Administration
MA (Hons) Accounting and Business Finance
MA (Hons) Business and Finance
MA (Hons) International Business Management
MA (Hons) Business Management
MA (Hons) Business Management with Enterprise / Marketing / Human Resource Management
BSc (Hons) Construction Project Management
BSc (Hons) Quantity Surveying
BSc (Hons) Psychology with Management
BSc (Hons) Psychology
I chose Electrical and Electronic Engineering because of its constantly evolving nature – it never gets boring. Lecturers here are really helpful, and I hope that it will propel me to one day be able to enter the aerospace or defence industries to fulfil my childhood dream.

Aingkaran Suppiah, 2nd Year BEng (Hons) Electrical and Electronic Engineering Former school: Methodist College Kuala Lumpur
Accounting and Business Finance

**MA (Hons)**

**Overview**
An understanding of accounting and finance is essential for those who intend to pursue a career in commerce, industry or public administration. This need is reinforced by the increasingly complex environment within which accounting and international business is conducted.

Operating in international markets requires an understanding of both national and international accounting standards and financial markets. It is not surprising that there is a continuing demand for graduates who have specialised in these areas.

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) and the Chartered Institute of Management Accountants (CIMA).

**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. 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.

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*

*subject to results obtained by students; students joining the programme at Heriot-Watt University Malaysia from Year 1

**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 or elective courses

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

**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 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, Case Studies in Financial Reporting, Case Studies in Financial Management, Public Sector Accounting, International Accounting, Corporate Reporting, Islamic Accounting, and Managerial Accounting: Critical Analysis

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.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.
Entry Requirements

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

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required.
If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

This programme is recognised by a number of organisations which offers generous merit and hardship scholarships. For more information, see page 97.

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).
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 be accredited 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. Course 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
- Finance and Financial Reporting

YEAR 2
- Statistical Models A
- Life Insurance Mathematics A
- Stochastic Processes
- Portfolio Theory & 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 Financial Risk Management, Bayesian Inference, Ordinary Differential Equations 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.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.
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: ABB including A in Mathematics
or STPM: ABB including A in Mathematics
or Diploma or any other relevant qualification, with a high level of attainment in mathematics, recognised by the Malaysian Government.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.5 is required. If you do not have IELTS 6.5, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

This programme is recognised by a number of organisations which offers generous merit and hardship scholarships. For more information, see page 97.
Bachelor of Business Administration

BBA (Hons)

Overview
As the modern business world becomes increasingly complex, understanding the fundamental way in which businesses and organisations operate – how they develop their strategies and take key decisions – is vital.

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.

Core Courses

YEAR 1
- Operations Management
- Business Research Methods
- Strategic Management
- Choose 6 optional or elective courses

YEAR 2
- International Business
- Choose 5 optional or elective courses

YEAR 3
- Dissertation
- Choose 5 optional or elective courses

ACROSS BOTH SEMESTERS
- Dissertations
Optional courses available from a wide range of business subjects such as Marketing, Human Resource Management, Management, Law and Entrepreneurship. Elective courses are also taken.

*Information correct at time of publication and may be subject to change.

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.

The transfer programme and the standardised materials within the three campuses was the decisive factor for me to choose Heriot-Watt. I love the fact that lecturers here put the theories into practice through videos and their personal sharing with many fun facts/examples that develop my interest in business even more.

Tan Wen Dee, 2nd Year
Bachelor of Business Administration
BBA (Hons) degree
Former School: Saint Xavier’s Institution, Penang

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.
Entry Requirements

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

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required.
If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

The BBA (Hons) degree provides a wide range of career options, and our graduates have an excellent reputation with employers.
Business and Finance

MA (Hons)

INTAKE: September
DURATION: Full-time, 3 years
FEES: See website for details - www.hw.edu.my/fees
PROGRAMME: KPT/JPS (N/340/6/0490)(PA4165) 11/19

Overview
Business and Finance professionals work with executive and management teams to provide expert advice on the impacts and deployment of resources and processes throughout an organisation.

At Heriot-Watt, you will learn how to apply business management and finance knowledge and skills to a range of different managerial, business and problem-solving situations, management decisions, compliance issues and governance.

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.

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

ELECTIVE COURSES AVAILABLE IN YEAR 1 INCLUDE:

- Management in a Global Context
- Human Resource Management
- Fundamentals of Marketing
- Statistical Techniques
- Marketing Perspectives
- Commercial Law

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

Optional courses available in Year 2 include Innovation Management, Consumer Behaviour, Marketing Communications, Critical Approaches to 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.

Approved Finance options include Agency Theory and Corporate Governance, Risk Management and Derivatives, Equity Markets and Fund Management and Contemporary Issues in Finance

*Information correct at time of publication and may be subject to change.

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.

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.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.
Entry Requirements

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

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required.
If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

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 and Finance are becoming more and more integral to organisational decision-making and success.
INTAKE: September, January  
DURATION: Full-time, 3 years  
FEES: See the website for details - www.hw.edu.my/fees  
PROGRAMME: KPT/JPS (N/340/6/0657)(PA7425) 03/21

Overview
As the modern business world becomes increasingly complex, understanding the fundamental way in which businesses and organisations operate - how they develop their strategies and take key decisions - is vital. 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.

All Business Management degrees provide a strong grounding in the principles of modern business management and also introduce the more functional areas of business and management. Business Management students choose from a range of business oriented courses which allow students to tailor their degree to meet their career needs and aspirations.

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. 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
- Fundamentals of Marketing
- Human Resource Management
- Commercial Law
- Operations Management
- Choose 4 optional or elective courses

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

YEAR 2
- Business Research Methods
- Strategic Management
- Choose 6 optional or elective courses

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

YEAR 3
- International Business
- Choose 5 optional or elective courses

ACROSS BOTH SEMESTERS
- Management Dissertation

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

*Information correct at time of publication and may be subject to change.

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.

*From publication and may be subject to change.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required. If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

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 Management with Enterprise

MA (Hons)

Overview
As the modern business world becomes increasingly complex, understanding the fundamental way in which businesses and organisations operate - how they develop their strategies and take key decisions - is vital.

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.

All Business Management degrees provide a strong grounding in the principles of modern business management and also introduce the more functional areas of business 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. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

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

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.

Core Courses

YEAR 1
- Fundamentals of Marketing
- Human Resource Management
- Commercial Law
- Operations Management
- Enterprise Concepts & Issues
- Choose 2 optional or elective courses
- Choose 1 optional course

Optional courses available in Year 1 include Consumer Behaviour, Resourcing and Talent Management, Critical Approaches to Management, Employment Law, and Marketing Communications. Elective courses are also taken.

YEAR 2
- Business Research Methods
- Innovation Management
- Strategic Management
- Business Venturing
- Choose 2 optional or elective courses
- Choose 2 optional courses

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

YEAR 3
- International Business
- Two approved Enterprise Options
- Choose 1 optional or elective course
- 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. Elective courses are also taken.

*Information correct at time of publication and may be subject to change.

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.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required. If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

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 Management with Human Resource 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/345/6/0701)(PA5013) 04/20

Overview
As the modern business world becomes increasingly complex, understanding the fundamental way in which businesses and organisations operate - how they develop their strategies and take key decisions - is vital.

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.

All Business Management degrees provide a strong grounding in the principles of modern business management and also introduce the more functional areas of business 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. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

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.

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.

Core Courses

YEAR 1
- Fundamentals of Marketing
- Human Resource Management
- Operations Management
- Organisational Behaviour
- Commercial Law
- Choose 2 optional or elective courses
- Choose 1 optional course

Optional courses in Year 1 available include Managing the Service Experience, Marketing Perspectives, and Enterprise Concepts & Issues. Elective courses are also taken.

YEAR 2
- Business Research Methods
- Employment Law
- Resourcing and Talent Management
- Strategic Management
- Critical Approaches to Management
- Choose 2 optional or elective courses
- Choose 1 optional course

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

YEAR 3
- International Business
- Two approved Human Resource Management options
- Choose 1 optional or elective course
- Choose 2 optional courses

ACROSS BOTH SEMESTERS
- Management Dissertation

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

*Information correct at time of publication and may be subject to change.

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.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required. If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

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).

Overview
As the modern business world becomes increasingly complex, understanding the fundamental way in which businesses and organisations operate - how they develop their strategies and take key decisions - is vital.

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.

All Business Management degrees provide a strong grounding in the principles of modern business management and also introduce the more functional areas of business 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. In addition to recognition within Malaysia, we seek accreditation by the relevant UK or international professional bodies in accordance with their standard procedures.

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.

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.

Core Courses

YEAR 1
- Fundamentals of Marketing
- Human Resource Management
- Commercial Law
- Operations Management
- Marketing Perspectives
- Choose 2 optional or elective courses
- Choose 1 optional course

Optional courses available in Year 1 include Managing the Service Experience, Organisational Behaviour, Enterprise Concepts & Issues. Elective courses are also taken.

YEAR 2
- Business Research Methods
- Consumer Behaviour
- Strategic Management
- Marketing Communications
- Choose 2 optional or elective courses
- Choose 2 optional courses

Optional courses available in Year 2 include Business Venturing, Innovation Management, Resourcing and Talent Management, Employment Law, Critical Approaches to Management. Elective courses are also taken.

YEAR 3
- International Business
- 2 approved Marketing options
- Choose 1 optional or elective courses
- Choose 2 optional courses

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. Elective courses are also taken.

*Information correct at time of publication and may be subject to change
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.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required. If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

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).

Chemical Engineering

BEng (Hons)

Chemical Engineering with Oil and Gas Technology

MEng

INTAKE: September, January
DURATION: Full-time, 3/4 years
FEES: See website for details - www.hw.edu.my/fees
PROGRAMME:
BEng: KPT/JPS (N/524/6/0029)(PA4097) 01/19
MEng: KPT/JPS (N/524/6/0041)(PA5107) 11/19

Overview
Chemical engineering is a broad-based discipline combining mathematics and science. It is about transforming raw materials into valuable and desirable products, creating durable products and services and producing the enabling technology and know-how for a sustainable future.

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, team-working, 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.

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.

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.

The National Student Survey 2015 ranked Heriot-Watt 1st in Scotland and 3rd in the UK for overall student satisfaction in Chemical Engineering.
**Core Courses**

**YEAR 1 BEng & 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 & 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 & MEng**
- Unit Operations A
- Sustainability, Health and Safety
- Energy Generation and Utilisation
- Chemical Reaction, Modelling and Control

**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 including core, optional and elective courses/projects.

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

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**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.

**English Language Requirements**

If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required.

If you do not have IELTS 6, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

This programme is recognised by a number of organisations which offers generous merit and hardship scholarships. For more information, see page 97.
Civil Engineering
BEng (Hons) / MEng

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.

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.

Once the programme is fully operational accreditation will be sought from The Joint Board of Moderators (JBM), who represent The Institution of Civil Engineers, the Institution of Structural Engineers, the Chartered Institution of Highways and Transportation, and the Institute of Highway Engineers.

Career Opportunities
Our graduates have excellent employment prospects. They design and oversee construction projects such as urban drainage systems, roads, bridges, buildings and airports. All civil and structural engineering programmes are supported by the civil engineering industry advisory committee, which includes representatives from major multi-national employers offering advice, guidance and work placement opportunities.

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.

This course has encouraged me to be an independent learner as we were often presented with three dimensional questions and tasks that required greater thinking. This had a profound impact on my problem solving skills and improved the quality of my work. The lecturers here are an important resource for my learning as they provide me with deeper insights into a particular topic.

Amrit Singh a/l Jernail Singh, 2nd year, Civil Engineering
Former School: SMK Taman SEA

Civil Engineering ranked top in Scotland and 2nd in UK by The Guardian University Guide 2016.
Core Courses
BEng & MEng Courses Year 1 - 3 common for both

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

YEAR 2
- 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
- Civil Engineering Dissertation 1
- Geotechnics B - Soil Strength
- Structural Element Design
- Transportation Engineering B
- Civil Engineering Design Project
- Analysis of Indeterminate Structures
- Foundation Engineering

Plus 4 optional courses related to structural design, structural engineering, transportation engineering, ground engineering & management.

MEng students undertake a compulsory industrial training placement.

YEAR 4 (MEng only)
- Civil Engineering Professional Project
- Ground Engineering
- Stability and Dynamics
- Project Management Theory and Practice
- Contracts and Procurement
- Safety, Risk and Reliability
- Urban Drainage and Water Supply
- Construction Financial Management
- Project Management Strategic Issues

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 Civil 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.

English Language Requirements

If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required. If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

This programme is recognised by a number of organisations which offers generous merit and hardship scholarships. For more information, see page 97.
Construction Project Management

*BSc (Hons)*

**Overview**
Our Construction Project Management discipline is internationally recognised for the quality of its research and teaching, within Scotland’s top rated construction management department. Our degree programmes equip graduates with the knowledge and experience necessary to ensure that built environment projects are sustainable, cost-efficient and constructed to the highest standards.

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.

There is strong demand for built environment professionals in construction sectors on a global scale; the profession of project management needs highly qualified graduates with specialist knowledge in their field as well as an awareness of the wider issues of construction project management.

**Accreditation**
This programme is accredited by the Royal Institution of Chartered Surveyors (RICS) and 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, Miller Construction and Carillion Group.

**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 Contract
- Design Cost Planning and Control
- Project Planning and Implementation
- Decision Making for Management Applications in Construction
- Design for Construction

**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.

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

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Our building programmes are ranked top in Scotland and 6th in the UK by The Complete University Guide 2016.

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The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required. If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

This programme is recognised by a number of organisations which offers generous merit and hardship scholarships. For more information, see page 97.

“The things that appealed most to me about Heriot-Watt was its iconic building structure located at Putrajaya beside the lake, the quality of service provided for the students, helpful professors and staff and the students themselves. Heriot-Watt was the only university I felt right at home.”

Pandiyan Nagayah
3rd Year BSc (Hons)
Construction Project Management
Electrical and Electronic Engineering

BEng (Hons) / MEng

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.

A Bachelor of Engineering or Master of Engineering degree can provide access to exciting global opportunities.

The BEng (Hons) and MEng degree programmes are common until the end of year 2. Students can then transfer to the MEng programme provided they have met the progression requirements. A three-month industrial placement starts in the summer between years 3 and 4 followed by a carefully supervised research or industrial project that runs until the end of the first semester in year 4.

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.

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.

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

INTAKE: September
DURATION: Full-time, 3/4 years
FEES: See website for details - www.hw.edu.my/fees
PROGRAMME:
BEng: KPT/IPS (N/523/6/0260)(PA5562) 07/20
MEng: KPT/IPS (N/523/6/0265)(PA6194) 08/20

HERIOT-WATT UNIVERSITY / MALAYSIA PROSPECTUS 2017
Core Courses

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

YEAR 2 BEng & MEng
- Physical Electronics and Semiconductors
- System Projects
- Engineering Mathematics and Statistics 3
- Time and Frequency Signal Analysis
- Analogue Electronics
- Electrical Energy Systems
- Electromagnetism

YEAR 3 BEng & MEng
- The BEng and MEng programmes differ in year 3:
  - BEng students do core individual projects plus three optional courses in semester 1 and two in semester 2
  - MEng students do core group projects plus two optional courses in each semester

YEAR 3 (BEng only)
- BEng Project 1
- BEng Project 2
  Plus optional courses in semester 1

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
- Plus optional courses in semester 2
- MEng students undertake a compulsory industrial training placement.

YEAR 4 (MEng only)
- Project placement or research
  plus four optional courses in semester 2
- Students take a total of 8 courses in Year 1, 7 courses in Year 2 & 3 and 5 courses in Year 4
  including core, optional and elective courses/projects. 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: 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.

English Language Requirements

If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required. If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

This programme is recognised by a number of organisations which offers generous merit and hardship scholarships. For more information, see page 97.
International Business Management

MA (Hons)

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 setup 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 (Semester 2); Feb – June (Semester 1) with 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

Core Courses

YEAR 1
- Human Resource Management
- Fundamentals of Marketing
- Commercial Law
- Operations Management

Optional courses available include, Management in a Global Context, Organisational Behaviour, Enterprise Concepts and Issues, and Marketing.

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

YEAR 3
- International Business
- Management Dissertation 1
- Management Dissertation 2

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.

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.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required. If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

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).
Mechanical Engineering
BEng (Hons) / MEng

Overview
Mechanical engineers play key roles in all industrial sectors; they are at the forefront of the management of the earth’s natural resources, optimising the conflicting demands of the modern world. Mechanical Engineering offers an exciting environment where many skills are brought together to create innovative products and the infrastructure and technology for manufacture.

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.

At Heriot-Watt, lecturers constantly monitor our progress by having one-to-one discussions and they also take the effort to prepare additional materials to further complement the materials that are currently being taught. It’s hard work, but I love it here.

Pavithren Ravindran,
2nd Year BEng Mechanical Engineering & Shell Malaysia Scholar
Former School: SMK Seri Garing, Rawang

Ranked in top 3 in Scotland by The Times and Sunday Times Good University Guide 2015.
Core Courses

YEAR 1 BEng & 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
- Mechanical Engineering Science 4
- Mechanical Engineering Science 5
- Mechanical Engineering Science 6

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

YEAR 3 BEng & MEng
- The BEng and MEng programmes differ in year 3:
  - BEng students do four engineering science options in addition to the individual and design project
  - MEng students do three options and a masters group project in addition to the individual and design project plus Industrial Training.

YEAR 3 BEng & MEng
- Engineering Design
- Engineering Manufacture
- Project 1
- Project 2

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
- Specialist Engineering Technologies 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.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.

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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required. If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

This programme is recognised by a number of organisations which offers generous merit and hardship scholarships. For more information, see page 97.
Petroleum Engineering
BEng(Hons)/MEng

Overview
Petroleum Engineering is a multi-disciplinary environment, essential to the oil and gas industry in meeting the global demand for the exploitation of subsurface oil and gas resources. Our Petroleum Engineering programmes are designed to assist the industry in this aim and are recognised by businesses around the world.

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.

Join a remarkable network of Petroleum Engineering graduates at all levels in the oil and gas industry worldwide.

Nur Farzana bt Amir Suharman
2nd Year BEng (Hons) Petroleum Engineering
Former school: SMK Jalan Empat, Bangi

Petroleum engineering is not a “man’s world”. Female engineers are in demand too and this is a great opportunity for women to fill the shortage in engineering professions. I excelled in science and mathematics in school, so I wanted to choose a career that built on these subjects and was swayed to join Heriot-Watt because I knew my future would be assured.
Core Courses

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

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

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

YEAR 3 (MEng only)
- Subsea Drilling and Production
- Pipeline Engineering
- Industrial Training

Students undertake a compulsory industrial training placement.

YEAR 4 (MEng only)
- Field Development & Design Project C
- MEng Research Project C
- Professional and Industrial Studies
- Well Testing
- Field Development & Design Project D
- MEng Research Project D
- Modelling 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.

English Language Requirements

If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required. If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.

Recruitment and Admissions Office
- www.hw.edu.my
- hwum@hw.ac.uk
- +60 3 8894 3888
Overview

Our psychology graduates have a strong record of employment, building careers in business, teaching, counselling, nursing, probation work and market research.

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 & 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 & Personality
- Applied Psychology: Health Psychology and Professional Practice

YEAR 3
- Psychology with Management Project 1
- Psychology with Management Project 2
- Cognition and Emotion
- Memory: Development and Reliability
- Social Influences to Childhood Behaviour

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.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.

90% of Psychology with Management graduates are in work or further study six months after finishing their degree.
Entry Requirements

Heriot-Watt University Malaysia Foundation in Science or Foundation in Business: CCCC
or A-Level: BBC
or STPM: BBC
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required. If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.
Psychology with Management

BSc (Hons)

INTAKE: September
DURATION: Full-time, 3 years
FEES: See website for details - www.hw.edu.my/fees
PROGRAMME: KPT/JPS (N/311/6/0075)(PA5343) 08/20

Overview
Psychology is the scientific study of the relationship between mind and behaviour. It asks why people, in general, behave as they do and why some people behave in unexpected or atypical ways. Findings from psychological study help us to enhance people’s everyday experiences and improve lives. Psychologists employ a wide range of research skills such as observation, surveys and experiments. 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 & 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 & Personality

YEAR 3
- Psychology with Management Project 1
- Psychology with Management Project 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.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required. If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

90% of Psychology with Management graduates are in work or further study six months after finishing their degree.
Quantity Surveying
BSc (Hons)

Overview
Our Quantity Surveying discipline is internationally recognised for the quality of its research and teaching, within Scotland’s top rated construction management department. Our degree programmes equip graduates with the knowledge and experience necessary to ensure that built environment projects are sustainable, cost efficient and constructed to the highest standards. Maximising value for money in construction projects is crucial when dealing with tight budgets and strict contractual agreements. A quantity surveyor advises on these issues at all stages of a project and must therefore understand construction technology, legal issues and how to plan and monitor costs.

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) and the Chartered Institution of Civil Engineering Surveyors (ICES).

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 Contract
- Design Cost Planning and Control
- Measurement and Cost Evaluation
- Decision Making for Management Applications in Construction
- 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.

The Malaysian Ministry of Higher Education requires that all students (International and Malaysian) take MPU (Malaysian General Studies) units as a prerequisite for the award of a degree. Please refer to our website for more details of the Malaysian General Studies units.

Lecturers at Heriot-Watt University Malaysia are truly dedicated and helpful. I believe I was right to choose a renowned British university, right here in Malaysia, to fulfil my ambition to become a quantity surveyor.

Jackson Ting Tiew Lik
2nd Year BSc (Hons) Quantity Surveying
Former school: SMK Kai Chung, Bintangor Sarawak
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.0 is required.
If you do not have IELTS 6.0, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

This programme is recognised by a number of organisations which offers generous merit and hardship scholarships. For more information, see page 97.

Our building programmes are ranked top in Scotland and 6th in the UK by The Complete University Guide 2016.
Studying at Heriot-Watt University Malaysia is an experience of its own. The knowledge we gain and the challenging projects we encounter, networking with my fellow class mates are just some of the factors that make it special. I have also been able to meet and gain friendships with people of all backgrounds – allowing me to build my network on an international scale.

Erica Esatyana (Indonesia)
Programme: MSc Petroleum Engineering

Postgraduate Programmes
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/311/7/0028)(FA3653) 06/18  

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  
- Consumer Ergonomics  
- Psychology of Coaching  
- Psychology for Marketing  
- Research Methods  
- Social and Organisational Change  
- Organisational Culture  
- Leadership  
- Diversity  
- Business Psychology Master’s Project  

Heriot-Watt’s MSc Business Psychology programme offered me the opportunity to pursue and strengthen my understanding of psychology in business. I got the opportunity to venture into psychology and business theories based on well thought through curriculum that helped me understand interconnectivity of business and psychology.  

Senthil Vel Shanmugasundram  
Director, Ascom Network Testing Sdn Bhd
Entry Requirements

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

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.5 is required. If you do not have IELTS 6.5, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

Business Psychology graduates have transferable and highly sought-after skills that bridge the gap between theory and real-world application.
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/345/7/0839)(PA5527) 08/20

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. These knowledge and skills will enhance students’ personal development, so they become more effective if or 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.

The programme’s multidisciplinary approach to managing an organisation will provide participants with rich managerial and organisational insights. Furthermore, the programme aims to develop a critical understanding of the disciplines involved by exploring the nature of thinking strategically and the role and function of leadership in strategy formulation, implementation and change.

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 & Practice
- Leadership and Organisational Performance
- Dissertation

Optional Courses
(select three)
- Systems Thinking and Analysis
- Project Management
- Demand and Inventory Planning
- 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.

**English Language Requirements**
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.5 is required. If you do not have IELTS 6.5, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

The School of Social Sciences is an international force in the business studies arena, with programmes at the forefront of their fields.
Construction Project Management

MSc

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
- Construction Technology
- Macroeconomics, Finance and the Built Environment

Heriot-Watt came 2nd in the UK in Architecture, Built Environment and Planning in the 2014 Research Excellence Framework in a joint submission with the University of Edinburgh.
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.5 is required. If you do not have IELTS 6.5, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.
Energy
MSc

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.

Heriot-Watt recognises that learning needs to be flexible and this programme allows experienced and recent graduates to tailor the programme content and structure to their specific needs.

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)
- Economics of Renewable Energy Engineering
- Environmental Impact Assessment
- Demand Management and Energy Storage
- Heat Transfer and Heat Exchangers
- Electrical Power Systems
- High Voltage Engineering
- Building Energy Management
- Renewable Energy Technologies
- Ventilation and Air Conditioning

Optional Courses are subject to availability.
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.5 is required. If you do not have IELTS 6.5, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

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.
International Business Management with Finance

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:** Pending MOHE approval at time of publication

**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
- Competitive Strategy
- Financial Analysis
- Business Economics
- Research Philosophy and Practice
- Finance
- Dissertation

**Optional Courses**
(Select two)
- Marketing
- Work Culture and Organisations
- Leadership
- Advances in Digital Marketing
- Quality Management and Engineering
- Project Management
- Managing Diversity in Business
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.

English Language Requirements

If English is not your first language, then evidence of proficiency equivalent to IELTS 6.5 is required. If you do not have IELTS 6.5, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.
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  
- Competitive Strategy  
- Marketing  
- Business Economics  
- Research Philosophy & Practice  
- International Marketing  
- Dissertation

**Optional courses**
(select two)  
- Financial Analysis  
- Leadership  
- Operations Management  
- Quality Management & Engineering  
- Project Management

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*In order to diversify my career options, I opted to enroll in this MSc programme. Since then, I've discovered the business side of myself, allowing me to think extensively from different perspectives. I would recommend the course without hesitation. This course is well-designed even for those who do not have a business background like myself.*

Teh Yen Peng  
MSc International Business Management with 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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.5 is required. If you do not have IELTS 6.5, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

The School of Social Sciences is an international force in the business studies arena, with programmes at the forefront of their fields.
The flagship MBA programme is an in-depth study of key business management principles placing learning in the context of the student’s own personal experience.
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.5 is required.

“...The MBA adds value to you and is value for money. The programme is crystal clear on its delivery and totally focused on core business subjects for today’s business needs. Once you successfully complete the tough and demanding course, the feeling of self-actualisation is fantastic! It is a life-long achievement.

Yap Kim Hin
Master of Business Administration (MBA)
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
- Well Test Analysis
- Reservoir Simulation
- Petroleum Economics
- Production Technology

Projects
- Design Project
- Individual Project

The industry-focused curriculum is enriching and the helpful staff members makes learning and the stay here comfortable. The state of the art infrastructure amid the serene lakeside is even more refreshing. Heriot-Watt has brought quality education closer to my home country and I am truly grateful.

Abhijit Malanki (India)
Programme MSc Petroleum Engineering
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.5 is required. If you do not have IELTS 6.5, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

Our Institute of Petroleum Engineering consistently delivers world-class teaching and research in petroleum engineering disciplines.
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)(PA3475) 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 Organisational Management in the Built Environment
- Contracts and Procurement
- Construction Practice and Information Technology
- Value and Risk Management
- Quantity Surveying Financial Management
- Construction Financial Management
- Construction Technology
- Research Dissertation

Optional courses
(select one)
- Real Estate Economics
- Sustainable Design and Development
- Macroeconomics Finance and the Built Environment

Heriot-Watt came 2nd in the UK in Architecture, Built Environment and Planning in the 2014 Research Excellence Framework in a joint submission with the University of Edinburgh.
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.5 is required. If you do not have IELTS 6.5, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.
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 widespanning, 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
- Advanced Renewable Energy Engineering
- Demand Management and Energy Storage
- Environmental Impact Assessment
- Critical Analysis and Research Preparation
- Master’s Dissertation

Optional courses
(select three)
- Electrical Power Systems
- Heat Transfer and Heat Exchangers
- Renewable Energy Technologies
- Economics of Renewable Energy Engineering
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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.5 is required. If you do not have IELTS 6.5, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.

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.
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/345/7/0508)(FA4163) 03/19

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.

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

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 courses (select one)
- Demand and Inventory Planning
- Systems Thinking and Analysis

I greatly enjoyed my year at Heriot-Watt, due to a combination of great friends, excellent lecturers and a wonderful campus. As of now, I am currently working as a Project Coordinator at the Ministry of Finance and Treasury of Maldives, for a project funded by the World Bank. I believe that my postgraduate degree at Heriot-Watt University Malaysia has certainly helped this process.

Hawwa Rishda Mohamed
(Maldives) Strategic Project Management
The School of Social Sciences is an international force in the business studies arena, with programmes at the forefront of their fields.

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.

English Language Requirements
If English is not your first language, then evidence of proficiency equivalent to IELTS 6.5 is required. If you do not have IELTS 6.5, we offer a range of English language programmes to help you meet the English language requirement for this programme prior to commencing your studies. Please see page 96 for more information.
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

**D’ Pulze**

D’Pulze is a commercial and residential hub (pictured above) including a 4-star hotel and serviced apartment suites. The shopping mall below has supermarkets, restaurants, bookstores, pharmacy, bank, ATM machines and ITC facilities. Its generous living spaces have excellent views of the Putrajaya skyline. The apartments, all with attached bathroom, are furnished and equipped with microwave, fridge, washing machine and air-conditioning. Communal facilities include a swimming pool and gym.

**Serin Residency**

Serin Residency is a low-density condominium amongst lush greenery and beautiful landscaping. Each residence is designed to offer comfortable living conditions, with full-length, L-shaped corner windows giving panoramic views of the surrounding hills and gardens. They all have attached bathroom and are equipped with microwave, fridge, washing machine and air-conditioning. There is a swimming pool, gym, badminton, basketball and futsal court.
Shaftsbury Serviced Suites
Shaftsbury Serviced Suites (pictured above) offer an exclusive and private retreat in close proximity to restaurants, convenience stores, international business offices and universities. The comfortable and modern suites, with attached bathroom, are fully furnished and fitted with kitchenette, air-conditioning and solar-powered hot water. There is a café and other communal facilities including a swimming pool, gym, tennis court, spa and laundrette.

The Arc
The Arc is an economical, serviced apartment development mainly occupied by students of the universities in the vicinity. There are many amenities around including a street mall, Cyberjaya Lake Gardens, transport terminal and mosque. The Arc’s three-bedroom apartments come with two attached bathrooms and are fully furnished with a lounge and equipped kitchenette. Facilities include a café, gym, squash court, swimming pool and laundrette.

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.

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.
Heriot-Watt University Malaysia accepts applications all year round.

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.

Printed Application Form
You can download a copy of our Application Form for all programmes from: www.hw.ac.uk/malaysia/programmes/how-apply.htm.

You can send us your completed form by post or drop it into our Campus building in person.

Alternatively, pick up an application form at one of the exhibitions we attend or from one of our approved agents around the world.

Supporting Documents
Please remember to include all supporting documents the application requires. This includes:
- Completed application form
- Copy of identity card or full copy of passport in colour
- One passport sized photograph against a white background (35mm (width) x 45mm (height))
- Copy of academic transcript
- Copy of graduate certificate
- Proof of English qualification
- Registration fee
- VISA application fee (for international students)
- Personal bond (for international students).

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:
- Fee payment
- Programme enrolment – registering as a student on your preferred programme
- Application for accommodation (optional)
- Application for student visa sponsorship (for international students).

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

MBA Programme applications:

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
### UNDERGRADUATE PROGRAMMES

<table>
<thead>
<tr>
<th>PROGRAMME NAME</th>
<th>QUALIFICATION</th>
<th>STPM/A-Level</th>
<th>IB Diploma</th>
<th>SMA 3</th>
<th>UEC</th>
<th>SAM</th>
<th>*CPU</th>
<th>FIS</th>
<th>FiB</th>
<th>Pre-requisite subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc (Hons) Actuarial Science</td>
<td>ABB 28 points</td>
<td>B in English, Mathematics and Physics or Chemistry, C in Additional Mathematics and Physics or Chemistry.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BEng (Hons)/MEng Chemical Engineering</td>
<td>BBC 26 points</td>
<td>8</td>
<td>3A 2B</td>
<td>ATAR 75</td>
<td>75%</td>
<td>CCCC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BEng (Hons)/MEng Mechanical Engineering</td>
<td>BBC 26 points</td>
<td>8</td>
<td>3A 2B</td>
<td>ATAR 75</td>
<td>75%</td>
<td>CCCC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BEng (Hons)/MEng Petroleum Engineering</td>
<td>BBC 26 points</td>
<td>8</td>
<td>3A 2B</td>
<td>ATAR 75</td>
<td>75%</td>
<td>CCCC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BEng (Hons)/MEng Electrical &amp; Electronic Engineering</td>
<td>BBC 26 points</td>
<td>8</td>
<td>3A 2B</td>
<td>ATAR 75</td>
<td>75%</td>
<td>CCCC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA (Hons) Business and Finance</td>
<td>BBC 26 points</td>
<td>8</td>
<td>3A 2B</td>
<td>ATAR 75</td>
<td>75%</td>
<td>CCCC</td>
<td></td>
<td></td>
<td></td>
<td>Minimum B in Mathematics at SPM/O-Level or equivalent</td>
</tr>
<tr>
<td>MA (Hons) Accounting and Business Finance</td>
<td>BBC 26 points</td>
<td>8</td>
<td>3A 2B</td>
<td>ATAR 75</td>
<td>75%</td>
<td>CCCC</td>
<td></td>
<td></td>
<td></td>
<td>Minimum B in Mathematics at SPM/O-Level or equivalent</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: MYadmissions@hw.ac.uk

www.hw.edu.my
The following are the English language requirements for entry into our programmes.

### English Entry 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>Band 4</td>
<td>Band 5</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-O</td>
<td>C</td>
<td>B</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>GCSE/IGCSE</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>

If you do not meet the English requirements in the table above, we offer pre-sessional English programmes designed to help you prepare for your studies at Heriot-Watt University Malaysia. Each programme is 10 weeks duration and you can take one, two or three depending on your requirements and level of English. Assessment will be 60% exam and 40% coursework.

The following are the entry requirements for our pre-sessional English programmes:

<table>
<thead>
<tr>
<th>Level</th>
<th>Entry requirement</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower Intermediate</td>
<td>≥ IELTS 4.5 or equivalent</td>
<td>10 weeks (20 hours per week)</td>
</tr>
<tr>
<td>Intermediate</td>
<td>≥ IELTS 5.0 or equivalent</td>
<td>10 weeks (20 hours per week)</td>
</tr>
<tr>
<td>Upper Intermediate</td>
<td>≥ IELTS 5.5 or equivalent</td>
<td>10 weeks (20 hours per week)</td>
</tr>
</tbody>
</table>

For more information on our English programmes, please contact:

Irene Loo
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 their respective organisation’s website below before applying for them.

For more details, visit: https://www.hw.ac.uk/malaysia/scholarships/sponsored-scholarships.htm

Malaysian Rubber Export Promotion Council (MREPC)
MREPC Scholarship Awards Programme

Bank Negara Malaysia
Kijang Scholarship

Great Eastern Life
Malaysia Great Eastern Supremacy Scholarship Award

Loh & Loh Corporation Bhd
Loh & Loh Corporation Berhad Scholarship Programme

Yayasan Dayadiri

Shell Malaysia
Shell Malaysia – Heriot-Watt University Malaysia Scholarships

Yayasan Tan Sri Lee Shin Cheng
Yayasan Tan Sri Lee Shin Cheng - IOI Group Scholarship

MNRB Holdings Berhad
MNRB Scholarship Fund

YTL Foundation
Heriot-Watt University Malaysia Scholarships

Yayasan TELEKOM Malaysia
Talent YTM Talent-A

www.hw.edu.my
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
Please visit www.hw.edu.my/fees for the current tuition fees for all the programmes we offer and full details of application and registration fees for local and international students.

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: www.hw.edu.my/fees-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.

Sibling Discount
A sibling discount is offered to students where two or more siblings enrol at Heriot-Watt University Malaysia. This 10% discount off the tuition fee will apply to the newly enrolled sibling.

Alumni Discount
An alumni discount is offered to all alumni who wish to proceed to undertake a postgraduate degree with Heriot-Watt University Malaysia or enrol their children for an undergraduate programme at Heriot-Watt University Malaysia. This 10% discount is offered upon registration.

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

Heriot-Watt University Malaysia Campus
No 1, Jalan Venna P5/2
Precinct 5,
62200 Putrajaya,
Malaysia
www.hw.edu.my
Latitude: 2.899305
Longitude: 101.6727019
Contact Us

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

Heriot-Watt University Malaysia Campus
No 1, Jalan Venna P5/2
Precinct 5
62200 Putrajaya
Malaysia

For MBA Programme applications:
www.ebsglobal.net/programmes/mba-part-time-admissions-malaysia
malaysiaMBA@ebs.hw.ac.uk
03-8894 3683/03-8894 3684

Disclaimer of Liability

Whilst every effort has been taken to ensure the accuracy of the information in this prospectus at the time of going to press, the University wishes to emphasise that the programmes, facilities and other arrangements for students described in this publication are regularly reviewed and are naturally subject to change from time to time.

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.

Schools have the option to apply progression requirements above the minimum University requirement which are approved by the Studies Committees.

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Front Cover: Florence Ong Woei Ying, Year 3 student, MEng Chemical Engineering.
Back Cover: Alex Chalackal, Year 4 student, BSc Biological Sciences.