Queen Mary
University of London

Undergraduate study 2019
School of Engineering and Materials Science

Proud to be a member of the Russell Group

sems.qmul.ac.uk

Students working in our undergraduate teaching area G27

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Students working on their final year project

Welcome

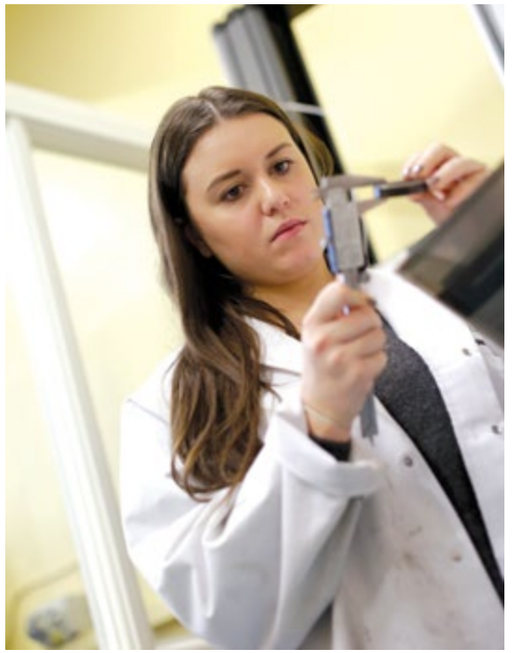
Thank you for your interest in studying at Queen Mary University of London.

The School of Engineering and Materials Science (SEMS) provides outstanding degree programmes coupled with internationally leading research which is reflected in all our undergraduate programmes.

Your time as a student is sure to be life-changing. Queen Mary is part of the prestigious Russell Group, and our graduates are consistently in the top ten graduate starting salaries in the UK. You will be part of a thriving academic community and be taught by high-calibre staff who are leaders in their field.

Not only do we offer a stimulating learning experience and research-led teaching: we pride ourselves on being a friendly and inclusive department, and encourage our students to take advantage of the wealth of extra-curricular activities on offer at Queen Mary.

Our priority is for our students to make the most of their degree and develop their future potential and to have the basis for employment in a range of sectors. 94 per cent of all our graduates are in employment or further study within six months of graduating.



"Queen Mary is a very diverse university so it's great to meet people from all over the world with different points of view"

Sofie Woods BEng Mechanical Engineering (2017)

Why choose Queen Mary University of London?

From our location in the heart of east London – one of the capital's most dynamic areas – to our welcoming campus, world leading research and inspiring teaching, there are many reasons to make Queen Mary your first choice.

One of the UK's leading universities

- Member of the Rusell Group – one of the UK's 24 leading universities
- £24,000 - average starting salary for undergraduates (Destination of Leavers from Higher Education survey for 2015/16 leavers (latest) - data relates to UK domiciled, full-time, first degree students)
- Teaching inspired by our world leading research
- Seven Nobel Prize winners among former staff and alumni
- Top 10 university in the UK for the quality of our engineering research – (Research Excellence Framework 2014)
- Distinguished history dating back to 1123 (the foundation of St Bartholomew's Hospital)

A friendly community in a great location

- Only university in London able to offer an attractive residential campus at our home in Mile End
- Short walk from the creative, technical and social hubs of Brick Lane and Shoreditch, and close to London's financial centres, the City and Canary Wharf
- Set beside the Regent's Canal in Mile End, our main campus is one stop on the Tube from Stratford's Queen Elizabeth Olympic Park, and minutes from the West End

Generous support

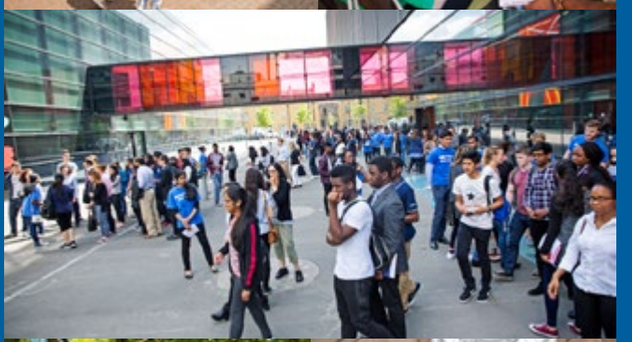
- Since 2015, we have awarded £1.8m in scholarships to more than 500 students

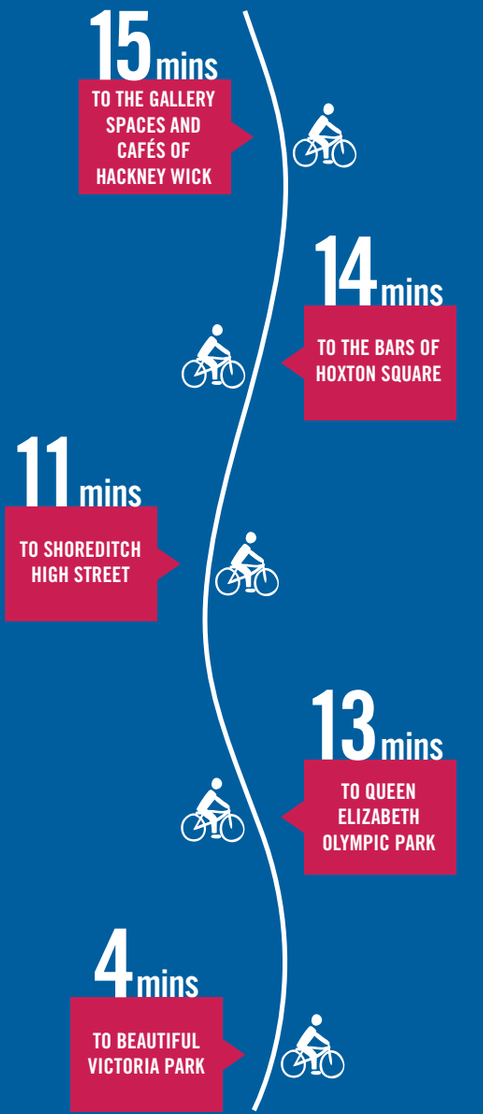
We are international

- Part of the internationally recognised University of London (UOL)
- Students and Staff from over 155 countries
- Links with leading international universities and opportunities to study abroad on all programmes
- One of the top 25 'most internationally diverse' universities in the world (Times Higher Education, 2016)

Exceptional facilities

- £105m spent on new facilities over the past five years
- A brand new £7.5m undergraduate teaching area
- 7,700 square metres of new learning and teaching space with the £39m Graduate centre which opened in 2017





"Being a student in London exposes you to different events, cultures and opportunities...it's great!"

Gioia Etchi Regoli, MEng Materials Science and Engineering (2018)

HIGHLIGHTS

- A well-developed advisory and student support system.
- Vibrant research culture and inspirational teaching.
- A dedicated Industrial Placement Manager
- Excellent links with industry, including GlaxoSmithKline, Bridgestone, DePuy, Apatech, Artis, Corus, BAE, DSTL and Rolls Royce.
- Access to exceptional facilities, including cutting-edge laboratories and state of the art technology.

Looking west across Queen Mary's London: in the background on the left you can see The Shard; on the right-hand side you can see the iconic shape of the Gherkin in the City

Studying engineering, materials or design

Within the School of Engineering and Materials Science (SEMS), we offer a range of interesting undergraduate degree programmes in three broad areas: Engineering, Materials and Design.

Each of our degree programmes will introduce you to the key academic principles and techniques in your chosen field. You will be taught by staff who are world-leading researchers in their field and experience research-led teaching. In the most recent national assessment of the quality of university research (REF 2014) the School of Engineering and Materials Science was ranked seventh out of 62 institutions conducting research in the area of general engineering.

Students working in our state of the art facilities

"The best thing about my course is that it covers both fundamental engineering as well as specialist modules for sustainable energy, providing you with vast knowledge for industrial application. The college has a very good careers service and SEMS has its own Industrial Placement Manager as well."

Tsu May Lim MEng Sustainable Energy Engineering with Industrial Experience (2019)

Studying engineering, materials or design

Engineering – Aerospace, Biomedical, Chemical, Mechanical, Robotics, and Sustainable Energy

Engineers have a passion for innovation and discovery. We prepare students with sophisticated technical and problem solving skills, allowing them to push boundaries and start exciting careers in technical specialist and leadership roles in a wide range of engineering fields. Design features highly in all of our engineering programmes; in your second year, you will undertake a design project where you will work in small groups to design, manufacture and test your own prototype product. This enables you to recognise real world engineering, manufacturing and economic constraints.

Materials – Biomaterials for Biomedical Sciences, Dental Materials and Materials Science and Engineering

Materials science is the study of the structure, properties and behaviour of all materials, their development and their use in manufacturing. Materials scientists develop new products and technologies that make our lives more convenient, enjoyable, sustainable and safer. Scientists and engineers work with materials scientists to improve existing products and develop innovative technologies to enhance every aspect of our lives.

The study of materials science and engineering plays a part in all engineering disciplines. Queen Mary has been at the forefront of materials science and engineering research and teaching for over 40 years.

Design – Design, Innovation and Creative Engineering and Materials and Design

Design is a process that utilises creative thinking and has traditionally been centred on ideas and concepts, rather than technology. However, at Queen Mary you will benefit from both creative and technological input because we not only use creative processes, but also mathematical and scientific analyses.

Design graduates and those working in the digital creative world need to be artists, technologists and engineers, or at least, be able to understand how they may cross the divide.

These programmes combine design creativity and a knowledge of technology as an integral part of their structure.

Foundation programmes

Foundation programmes at Queen Mary provide students with alternative routes onto undergraduate degrees. As a foundation student, you have access to all Queen Mary's facilities and will be a full-time student of the university.

Our Science and Engineering Foundation Programme (SEFP) combines a foundation year with a traditional university degree in an integrated four- or five-year programme (1+3 or 1+4). Successful completion of the SEFP guarantees you a place on a relevant degree programme without having to re-apply through UCAS.

The SEFP is open to home, EU and international students. UK and EU foundation students are eligible to apply for funding through the Student Loan Company.

Queen Mary offers tailored pathways for subjects across science and engineering; go to the foundation website to find full details: **sefp.qmul.ac.uk**

Below are details of our engineering and materials science foundation programmes, including which degrees you can progress onto. You have to successfully complete the foundation year at the appropriate level to be eligible for degree progression.

BEng Engineering (4 Year). UCAS code: HHX1

- Degree progression opportunities on the following programmes at Queen Mary: Aerospace Engineering BEng, Biomedical Engineering BEng, Mechanical Engineering BEng, Robotics Engineering BEng and Sustainable Energy Engineering BEng.

MEng Engineering (5 Year). UCAS Code: HHY1

- Degree progression opportunities on the following programmes at Queen Mary: Aerospace Engineering MEng, Biomedical Engineering MEng, Mechanical Engineering MEng, Robotics Engineering MEng and Sustainable Energy Engineering MEng.

BSc/BEng Materials (4 Year). UCAS Code: JJX5

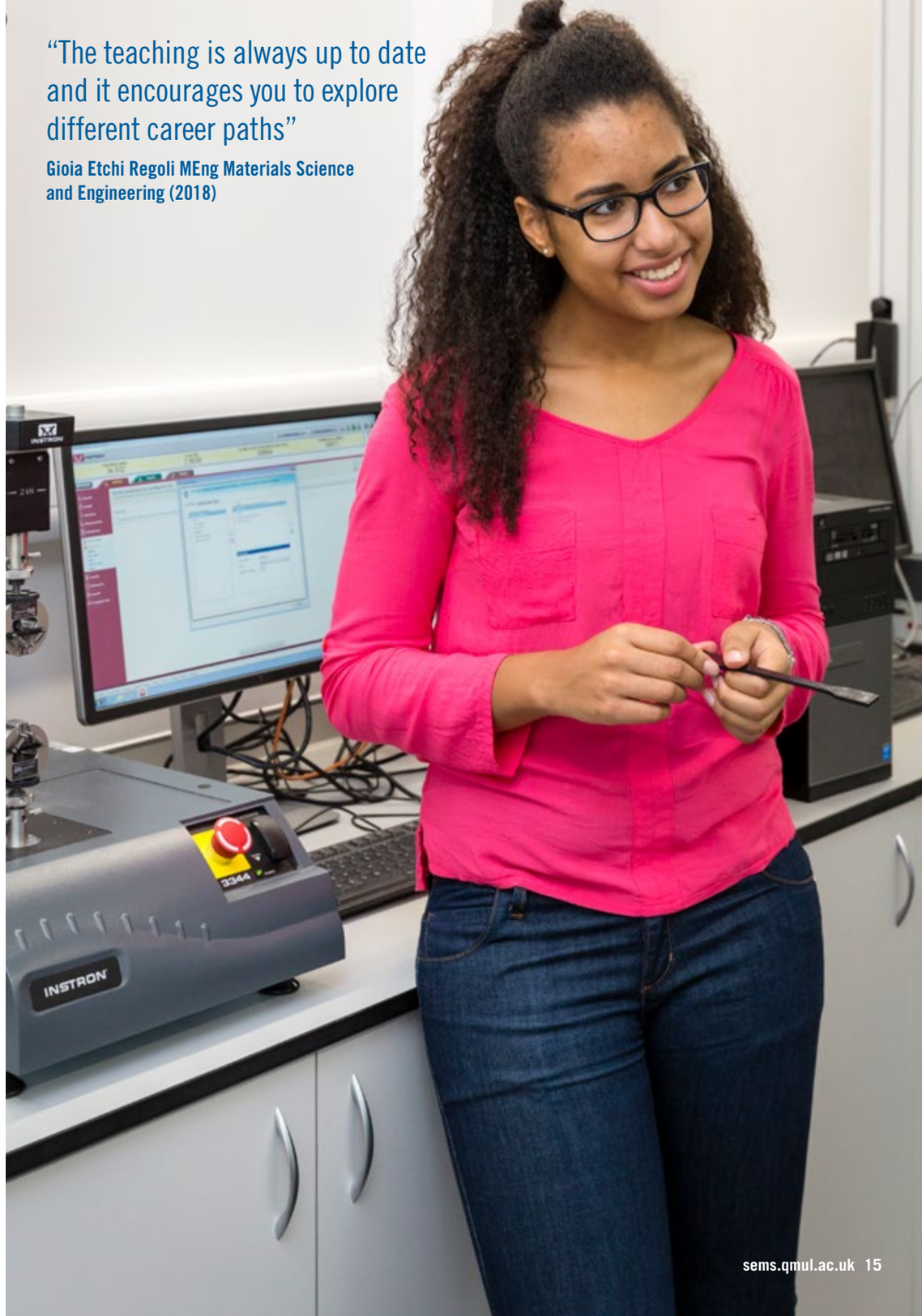
- Degree progression opportunities on the following programmes at Queen Mary: Biomaterials for Biomedical Sciences BSc, Dental Materials BEng, Materials and Design BEng and Materials Science and Engineering BEng.

MSci/MEng Materials (5 Year). UCAS code: JJY5

- Degree progression opportunities on the following programmes at Queen Mary: Biomaterials for Biomedical Sciences MSci, Dental Materials MEng, Materials and Design MEng and Materials Science and Engineering MEng.

Please note there is no progression route to Chemical Engineering from the Science and Engineering Foundation Programme

Go to the foundation website to find out more about the programmes: **sefp.qmul.ac.uk**



"The teaching is always up to date and it encourages you to explore different career paths"

Gioia Etchi Regoli MEng Materials Science and Engineering (2018)

Students in our workshop

Careers

You will have excellent career prospects with a degree from Queen Mary. Most of our graduates go on to work within the wide-ranging engineering industry: some are now designing racing cars, while others have become commercial airline pilots.

Many have been accepted for technical jobs at high-profile companies. Other graduates move into research, studying for a higher degree such as an MSc or PhD.

Preparing you for the future

Queen Mary graduates are highly regarded by employers, and your standing among graduate recruiters is also enhanced by our membership of the Russell Group of leading universities.

A degree in engineering offers you excellent career prospects, with engineering and manufacturing industries only predicted to expand further over the next decade. Engineering graduates have one of the highest employability rates. Career paths are diverse and flexible across roles and sectors: in product design and manufacture, R&D, technology analysis, production or technical management; in education, medicine, manufacturing, consulting, and government regulatory bodies.

In addition to core engineering skills, you will gain valuable transferable skills, including:

- problem-solving skills
- Management techniques
- Teamwork experience
- Communication skills
- Report writing.

These are supplemented by specialist skills, which you will acquire through the programme you choose to follow.

Careers information and guidance

The Careers Team is dedicated to educating, advising and connecting Queen Mary students and recent graduates to employers. Our services expand your awareness of professional opportunities and teach job search skills that can be applied throughout your career. Our services include: one-to-one appointments for CV checking and mock interviews; tailored workshops; employer-led events; and recruitment support for internships part-time jobs and work placements. You will have access to a dedicated Careers Consultant with expert knowledge of recruitment and connections to employers in their field.

Careers

Industrial Links

"Industrial Partnership is core to our activities. We have an Industrial Advisory Board who number more than 40 members from companies such as Airbus, BAE, Jaguar Land Rover, Rolls-Royce, Ford, Schlumberger, GSK and DePuy. They deliver guest lectures, support projects, and provide work experience and graduate employment opportunities"
Prof James Busfield

In the School Industrial engagement is fundamental to our teaching as well as our research. We have extensive links to industry which help us provide placements, shape the content of our programmes, respond to industry demand and offer networking opportunities. We host a biannual engineering Industrial Liaison Forum where our students interact with potential employers, industry representatives and alumni working in industry. We also have Industry Advisory Boards which facilitate the exchange of ideas between the board members from industry, the academic staff and the students in the School of Engineering and Materials Science

Industrial Experience

The majority of our undergraduate programmes are available with an Industrial Experience option in which students take a relevant industrial placement for one year. Students on these programmes will normally spend the year in industry in between years of study we also have the option for students to go on their placement in their final year before graduation.

We have an Industrial Experience Manager in SEMS who supports students in locating a suitable placement. Placements are often very competitive, so it is important that students are pro-active in finding a suitable placement as they cannot be guaranteed.

During your placement you will continue to be a student at Queen Mary University of London with access to all university facilities. Each student is assigned an Industrial Experience Tutor who is available for academic support throughout their placement. Students are visited during their year in industry by the Industrial Placement Manager who will liaise with the employer and student regularly during the placement period.

Your year in industry will be assessed through:

- Written coursework
- Short oral presentation
- Employer feedback

Benefits

- Gain valuable work experience
- Strengthen your CV and increase employability
- Develop key skills in communication, problem solving and team working
- Counts towards the requirements of applying to be a chartered engineer
- Make professional contacts in a relevant industry
- Discover more about a potential career
- Give context to your academic studies
- Earn a salary

Students in our Careers and Enterprise Centre

Some of our industrial links

- DePuy
- GSK
- Lucideon
- Rolls Royce
- Airbus
- Microsoft
- GE Aviation
- GKN
- Mott McDonald
- Transport For London
- UK Atomic Energy Association
- Exxon Mobile
- Eaton Industries
- Siemens
- Jaguar Land Rover
- Caterpillar

Careers

Enterprise

Students and graduates across Queen Mary start new business and social ventures each year. Some make money, others make a positive social impact; some do both. In all cases, these projects help you to design your own work experience that demonstrates the enterprise skills sought by employers. We provide support for students and recent graduates through funding, one-to-one advice at any stage of developing your business, workshops, workspace, access to experts and entrepreneurial networks.

"Queen Mary run workshops designed to increase success in job interviews and provide links to a range of engineering companies."

Jack Deville, MEng Materials Science and Engineering (2020)

Where do you see yourself?

Organisations employing our recent graduates include:

- Jaguar Land Rover
- Crossrail
- BUPA Cromwell Hospital
- BAE Systems Applied Intelligence
- Genesis Pharmaceuticals
- Dow Chemical Company
- Dyson
- EY

Graduate roles

Our degree programmes have prepared students for work in a wide range of roles including:

- Materials Engineer
- Metallurgist
- Research Scientist
- Technical Engineer
- Biomedical Engineer
- Manufacturing Systems Engineer
- Patent Examiner
- Graduate Design Engineer
- Designer
- Graduate Trainee

Many of our students also move on to study, at either masters or PhD level.

Students in our Careers and Enterprise Centre

Student using our newly refurbished facilities

How will I study?

Course structure

Our courses are three or four years full-time and each year is divided into two semesters. All of our programmes are available with either a year in industry or a year abroad. We will teach you in a variety of ways: through lectures, problem-solving classes, laboratory practicals and coursework.

You will undertake two major projects: an individual research project in your third year and a group design project in your fourth year (MEng only). These projects are focused on internationally recognised research taking place in SEMS.

A typical weekly workload would be:

- Eight one-hour lectures
- Nine to 12 hours of practical laboratories and workshops
- 18-20 hours of private study/coursework

Independent study

For every hour spent at university you will be expected to complete additional hours of independent study, which could be spent preparing for, or following up on, formal study sessions, reading, assessing data from experiments, completing lab reports or revising for examinations.

The direction of your individual study will be guided by the formal study and practical sessions you attend, along with your reading and assignments.

Independent study will foster in you the ability to identify your own learning needs and determine which areas you need to focus on to become proficient in your subject area. This is an important transferable skill and will help to prepare you for the transition to working life.

Personalise your degree programme

Our degree programmes offer you a broad range of skills and experiences to make sure that by the time you graduate, you can apply yourself to whatever you choose to do next. The QMUL Model is an innovative approach to degree-level study which means you have more opportunities to develop a range of skills as part of your degree – whether that's entrepreneurial skills or understanding social and ethical issues. When you join us, you'll see we have included options within your first year that lay the foundations of these key skills. Find out more: **www.qmul.ac.uk/undergraduate/whyqm/teaching/index.html**

Assessment

All students must complete modules totalling 120 credits each year (normally eight modules). Each module is assessed through theory examinations (typically accounting for 70-90 per cent of the final mark) and coursework (for example practical reports, problem sheets, online exercises and tests).

Third year students may undertake a research project worth 30 credits, while fourth year students undertake a project worth 60 credits; these projects are generally assessed by a combination of detailed written report, a seminar presentation, a poster and an interview.

The main examination period is May/June. Exams may include multiple choice questions, short answer questions, problem solving or essays.

Aerospace Engineering
Our degree programmes

Aerospace Engineering BEng (3 years)
UCAS code: H421

Aerospace Engineering with a Year in Industry BEng (4 years)
UCAS code: H401

Aerospace Engineering MEng (4 years)
UCAS code: H400

Aerospace Engineering with a Year in Industry MEng (5 years)
UCAS code: HK00

Aerospace Engineering with a Year Abroad BEng (4 years)
UCAS code: H42Y

Aerospace Engineering with a Year Abroad MEng (5 years)
UCAS code: H40Y

A-level: MEng: AAA
BEng: AAB
Must include maths and physics or chemistry. Alternative offers may be made to applicants taking the EPQ

IB: MEng: 36 overall with 665 in HL subjects
BEng: 34 overall with 665 in HL subjects
Must include HL maths and physics or chemistry.

BTEC: See **qmul.ac.uk/undergraduate/entry/btec** for detailed subject and grade requirements. Grade A in A-level maths is also needed.

Aerospace engineering is concerned with the design, construction and operation of aircraft, helicopters and spacecraft. The skills you will develop could be applied to the development of future spacecraft and highperformance aircraft and also to the next generation of 'green air and ground transport' (for example high-speed trains) as well as green energy, such as wind turbines.

We offer both a three-year BEng degree in Aerospace Engineering and a four-year MEng degree. The MEng includes an additional year of study that involves a group project undertaken in the fourth year. Recent examples of such projects include the design and construction of a rocket capable of breaking the UK altitude record and the design of a solar-powered racing car.

Modules
- Engineering Design Methods
- Mechanics of Fluids 1
- Mathematics and Computing for Engineers 1
- Exploring Aerospace Engineering
- Transferable Skills for Engineers and Materials Scientists
- Engineering Mechanics: Statics
- Engineering Mechanics: Dynamics
- Thermodynamics 1
- Mathematics and Computing for Engineers 2

These Aerospace Engineering degree programmes are accredited by the Royal Aeronautical Society and the Institution of Mechanical Engineers, which means students can progress to chartered engineer status (CEng).

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/aerospace-engineering**


Student using a wind tunnel

Students using the flight simulator

Aerospace Engineering with Management

Our degree programmes

Aerospace Engineering with Management BEng (3 years)
UCAS code: H4N2

Aerospace Engineering with Management with a Year in Industry (4 years)
UCAS code: H4NN

Aerospace Engineering with Management with a Year Abroad BEng (4 years)
UCAS code: H4NY

A-level: MEng: AAA
BEng: AAB
Must include maths and physics or chemistry. Alternative offers may be made to applicants taking the EPQ

IB: MEng: 36 overall with 665 in HL subjects
BEng: 34 overall with 665 in HL subjects
Must include HL maths and physics or chemistry.

BTEC: See **qmul.ac.uk/undergraduate/entry/btec** for detailed subject and grade requirements. Grade A in A-level maths is also needed.

This programme is designed for strong students with ambitions to be involved in the management of major organisations such as financial institutions, technology companies, and multinational corporations. This is a joint programme, taught in collaboration with the School of Business and Management. The business modules are designed specifically for this programme and you will be taught alongside other mathematicians, engineers and scientists. In this way you will combine excellent numerical, analytical and design skills, developed through an engineering degree, with strong business acumen and an in-depth understanding of the corporate environment.

Engineering modules

- Mathematics and Computing for Engineers 1
- Engineering Design Methods
- Mechanics of Fluids 1
- Mathematics and Computing for Engineers 2
- Engineering Mechanics: Statics
- Engineering Mechanics: Dynamics Business modules
- Economics for Business
- Fundamentals of Management

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/aerospace-engineering-with-management**

(This programme is not accredited)

Biomaterials for Biomedical Sciences

Our degree programmes

Biomaterials for Biomedical Sciences BSc (3 years)
UCAS code: J5B2

Biomaterials for Biomedical Sciences with a Year in Industry BSc (4 years)
UCAS code: H4NN

Biomaterials for Biomedical Sciences with a Year Abroad BSc (4 years)
UCAS code: JB2Y

Biomaterials for Biomedical Sciences MSci (4 years)
UCAS code: J5B4

Biomaterials for Biomedical Sciences with a Year in Industry MSci (5 years)
UCAS code: J5B3

Biomaterials for Biomedical Sciences with a Year Abroad MSci (5 years)
UCAS code: JB4Y

A-level: MSci: AAA
BSc: ABB
Must include two from maths, physics, chemistry and biology. Alternative offers may be made to applicants taking the EPQ

IB: MSci: 36 overall with 665 in HL subjects
BSc: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry/btec for detailed subject and grade requirements. Grade A in A-level maths, physics or chemistry is also required.

This programme combines the study of biomaterials with biology and chemistry, linking science, technology and healthcare.

You will develop a core understanding of the phenomena behind both a biomaterials response to the physiological environment and the response of the biological system to the presence of a biomaterial. You will study the physiological environment down to the cellular and molecular level, basic human physiological and pathological processes, together with the science behind how a material's structural, physical and chemical properties can be manipulated to meet a specific need. This understanding will enable you to discover and design new biomaterials and therapies in healthcare.

This programme will suit you if you are studying biology and chemistry and have an interest in working in a technologically exciting medically related field.

Modules

- Materials Science 1: Properties of Matter
- The Human Cell
- Clinical Problems in Biomedical Engineering and Materials
- Biomolecules of Life
- Materials Science 2: Processing and Applications
- Molecules to Materials
- Transferable Skills for Engineers and Materials Scientists
- Student-centred Learning 1

These Biomaterials for Biomedical Sciences degree programmes are accredited by the Institute of Materials, Minerals and Mining.

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/biomaterials-for-biomedical-sciences**

1st year undergraduate students using microscopes

Biomedical Engineering
Our degree programmes

Biomedical Engineering BEng (3 years)
UCAS code: HBF2

Biomedical Engineering with a Year in Industry BEng (4 years)
UCAS code: HBF1

Biomedical Engineering MEng (4 years)
UCAS code: HBF5

Biomedical Engineering with a Year in Industry (5 years)
UCAS code: HBF34

Biomedical Engineering with a Year Abroad BEng (4 years)
UCAS code: HBFY

Biomedical Engineering with a Year Abroad MEng (5 years)
UCAS code: HBFX

A-level: MEng: AAA
BEng: AAB
Must include maths and physics or chemistry. Alternative offers may be made to applicants taking the EPQ

IB: MEng: 36 overall with 665 in HL subjects
BEng: 34 overall with 665 in HL subjects
Must include HL maths and physics or chemistry.

BTEC: See **qmul.ac.uk/undergraduate/entry/btec** for detailed subject and grade requirements. Grade A in A-level maths is also needed.

Biomedical engineering brings technological innovation to the field of medicine and healthcare. It integrates professional engineering activities with medicine and the study of the human body. As a biomedical engineer, you will be at the forefront of medical advances that in the past have included hip replacements, medical imaging and life-support systems. You will study core engineering modules and specialist biomedical engineering options.

For your third-year individual research project, you will be integrated into our internationally leading research activities. The fourth-year MEng design projects are linked to industry and contain appropriate clinical input, with a focus on solving real biomedical engineering design problems.

Modules
- Engineering Design Methods
- Mechanics of Fluids 1
- Mathematics and Computing for Engineers 1
- Clinical Problems in Biomedical Engineering and Materials
- Transferable Skills for Engineers and Materials Scientists
- Engineering Mechanics: Statics
- Engineering Mechanics: Dynamics
- Clinical Solutions in Biomedical Engineering and Materials
- Mathematics and Computing for Engineers 2

These Biomedical Engineering degree programmes are accredited by the Institution of Mechanical Engineers.

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/biomedical-engineering**


Students working in the Human Performance Lab

2nd year undergraduate students in the Human Performance Lab

Biomedical Engineering with Management

Our degree programmes

Biomedical Engineering with Management BEng (3 years)
UCAS code: H4N2

Biomedical Engineering with Management with a Year in Industry BEng (4 years)
UCAS code: H1NN

Biomedical Engineering with Management with a Year Abroad BEng (4 years)
UCAS code: H1NY

A-level: MEng: AAA
BEng: AAB
Must include maths and physics or chemistry. Alternative offers may be made to applicants taking the EPQ

IB: MEng: 36 overall with 665 in HL subjects
BEng: 34 overall with 665 in HL subjects
Must include HL maths and physics or chemistry.

BTEC: See **qmul.ac.uk/undergraduate/entry/btec** for detailed subject and grade requirements. Grade A in A-level maths is also needed.

This programme is designed for strong students with ambitions to be involved in the management of major organisations such as financial institutions, technology companies, and multinational corporations. This is a joint programme, taught in collaboration with the School of Business and Management. The business modules are designed specifically for this programme and you will be taught alongside other mathematicians, engineers and scientists. In this way you will combine excellent numerical, analytical and design skills, developed through an engineering degree, with strong business acumen and an in-depth understanding of the corporate environment.

Engineering modules
- Mathematics and Computing for Engineers 1
- Engineering Design Methods
- Mechanics of Fluids 1
- Mathematics and Computing for Engineers 2
- Engineering Mechanics: Statics
- Engineering Mechanics: Dynamics

Business modules
- Economics for Business
- Fundamentals of Management

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/biomedical-engineering-with-management**

(This programme is not accredited)

Chemical Engineering
Our degree programmes

Chemical Engineering BEng (3 years)
UCAS code: H812

Chemical Engineering with a Year in Industry (4 years)
UCAS code: H811

Chemical Engineering MEng (4 years)
UCAS code: H814

Chemical Engineering with a Year in Industry (5 years)
UCAS code: H813

Chemical Engineering with a Year Abroad BEng (4 years)
UCAS code: H81Y

Chemical Engineering with a Year Abroad MEng (5 years)
UCAS code: H84Y

A-level: MEng: AAA
BEng: AAB
Must include maths and physics or chemistry. Alternative offers may be made to applicants taking the EPQ

IB: MEng: 36 overall with 665 in HL subjects
BEng: 34 overall with 665 in HL subjects
Must include HL maths and physics or chemistry.

BTEC: See **qmul.ac.uk/undergraduate/entry/btec** for detailed subject and grade requirements. Grade A in A-level maths is also needed.

Chemical engineers are in great demand and can have successful careers in a large number of industries. The programme provides an insight into basic chemistry, process engineering, and computational engineering.

You will gain an understanding of how to alter the chemical, biochemical or physical state of a substance, used to create everything from personal care products, health care products, to advanced functional materials (e.g. smart coatings and energy materials).

In addition, you will learn about the engineering principles that the processing industry, from the food industry to the oil industry, uses to design largescale plants. A strength of our School is teaching and research on the manufacturing of small-scale, high-value chemicals and materials.

Modules

- Mathematics and Computing for Engineers 1
- Mechanics of Fluids 1
- Engineering Chemistry
- Student-centred Learning for Chemical Engineers
- Transferable Skills for Engineers and Materials Scientists
- Mathematics and Computing for Engineers 2
- Thermodynamics 1
- Introduction to Chemical Reaction Design

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/chemical-engineering**

Student analysing chemicals in our facilities

Student culturing cells for tissue engineering

Dental Materials

Our degree programmes

Dental Materials BEng (3 years)
UCAS code: J500

Dental Materials with a Year in Industry BEng (4 years)
UCAS code: JM00

Dental Materials with a Year Abroad BEng (4 years)
UCAS code: J50Y

Dental Materials MEng (4 years)
UCAS code: J504

Dental Materials with a Year in Industry MEng (5 years)
UCAS code: JN00

Dental Materials with a Year Abroad MEng (5 years)
UCAS code: J54Y

A-level: MEng: AAA
BEng: ABB
Must include two from maths, physics and chemistry. Alternative offers may be made to applicants taking the EPQ

IB: MEng: 36 overall with 665 in HL subjects
BEng: 32 overall with 655 in HL subjects
Must include two from HL maths, physics and chemistry.

BTEC: See **qmul.ac.uk/undergraduate/entry/btec** for detailed subject and grade requirements. Grade A in A-level maths, physics or chemistry is also required

Dental Materials is a multi-disciplinary degree programme drawing on all branches of science and combining them with manufacturing technology and design to overcome dental and maxillofacial (bones of the jaw and face) problems. Dental materials scientists study the processing, structure and properties of materials and the interactions of these materials with the tissues of the face and mouth. Both the BEng and MEng programmes contain specialist modules on dental materials, maxillofacial anatomy and biomaterials.

Modules

- Materials Science 1: Properties of Matter
- Materials Selection and Mechanical Modelling
- Student-centred Learning 1
- Clinical Problems in Biomedical Engineering and Materials
- Transferable Skills for Engineers and Materials Scientists
- Mathematics for Materials Scientists
- Materials Science 2: Processing and Applications
- Molecules to Materials

These Dental Materials degree programmes are accredited by the Institute of Materials, Minerals and Mining.

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/dental-materials**

Hal, a second-year student on the BEng Design, Innovation and Creative Engineering degree, using one of the many machines in the workshop

Design, Innovation and Creative Engineering

Our degree programmes

Design, Innovation and Creative Engineering BEng (3years)
UCAS code: 4A33

Design, Innovation and Creative Engineering MEng (4 years)
UCAS code: 4L71

Design, Innovation and Creative Engineering with a Year Abroad BEng (4 years)
UCAS code: 4A3Y

Design, Innovation and Creative Engineering with a Year Abroad MEng (5 years)
UCAS code: 4L7Y

A-level: AAA. Alternative offers may be made to applicants taking the EPQ.
BEng: AAB
This must include A-Level maths or physics, and one further subject from maths, physics, chemistry, design technology, or art and design. Alternative offers may be made to applicants taking the EPQ

IB: MEng: 36 overall with 665 in HL subjects
BEng: 34 overall with 665 in HL subjects
Must include maths or physics and a second science from maths, physics, chemistry and design technology.

BTEC: See **qmul.ac.uk/undergraduate/entry/btec** for detailed subject and grade requirements. Grade A in A-level maths is also needed

This practical design programme allows you to develop strong creative design capabilities alongside scientific and engineering knowledge and skills. The degree is framed around the core 'Design Studio' modules that run throughout your programme. The Design Studio operates as tutorial-style sessions to encourage you to think and develop as an independent designer. This process is supported by visiting professional designers.

Modules from the School of Engineering and Materials Science include:
- Engineering Design Methods
- Materials Selection in Design
- Engineering Mechanics
- Innovation Strategy

Technology/multimedia modules from the School of Electronic Engineering and Computer Science include:
- Arts Application Programming
- Creating Interactive Objects
- Interaction Design

Second year students apply their technical and design skills on a large 'Creative Group Project' based on research challenges. In the final year you will develop your own individual design project, supported by academics and visiting tutors. The group project where you work for a client in industry has generated several patent applications. All final-year projects are presented in the Queen Mary Design Show.

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/design-innovation-and-creative-engineering**

Materials and Design
Our degree programmes

Materials and Design BEng (3 years)
UCAS code: J590

Materials and Design with a Year in Industry BEng (4 years)
UCAS code: J591

Materials and Design with a Year Abroad BEng (4 years)
UCAS code: J59Y

Materials and Design MEng (4 years)
UCAS code: J592

Materials and Design with a Year in Industry MEng (5 years)
UCAS code: J593

Materials and Design with a Year Abroad MEng (5 years)
UCAS code: J59X

A-level: MEng: AAA
BEng: ABB
Subjects must include two from maths, physics, chemistry and design technology. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL including two from maths, physics, chemistry and design technology.

BTEC: See **qmul.ac.uk/undergraduate/entry/btec** for detailed subject and grade requirements. Grade A in A-level maths, physics or chemistry is also needed

This is a practical programme that will develop your creative skills alongside your knowledge of materials science principles. You will take part in original design work that will develop your creative and scientific skills. By the end of the programme, you will be able to work effectively in a design role within a range of manufacturing and design industries.

You will take the first two years of the core 'Design Studio' module to develop your creative design skills. These operate as tutorial-style sessions to encourage you to think and develop as an independent designer. This process is backed up by support from visiting professional designers.

Alongside the Design Studio students will take modules including:

- Materials Selection and Mechanical Modelling
- Design for Manufacture
- Polymers
- Metals
- Environmental Properties of Materials
- Materials Selection in Design
- Manufacturing Processes

Your studies will culminate in a final-year individual project exploring a research area in materials. All students present their final-year projects in the Queen Mary Design Show after the final summer exams.

These Materials and Design degree programmes are accredited by the Institute of Materials, Minerals and Mining.

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/materials-and-design**

Students working on a problem based learning practical

Mechanical testing of material properties using Instron

Materials Science and Engineering
Our degree programmes

Materials Science and Engineering BEng (3 years)
UCAS code: J511

Materials Science and Engineering with a Year in Industry (4 years)
UCAS code: JM11

Materials Science and Engineering with a Year Abroad (4 years)
UCAS code: J51Y

Materials Science and Engineering MEng (4 years)
UCAS code: J512

Materials Science and Engineering with a Year in Industry (5 years)
UCAS code: JM10

Materials Science and Engineering with a Year Abroad (5 years)
UCAS code: J52Y

A-level: MEng: AAA
BEng: ABB
Must include two from maths, physics and chemistry. Alternative offers may be made to applicants taking the EPQ

IB: MEng: 36 overall with 665 in HL subjects

BEng: 32 overall with 655 in HL subjects, including two from HL maths, physics and chemistry.

BTEC: See **qmul.ac.uk/undergraduate/entry/btec** for detailed subject and grade requirements. Grade A in A-level maths, physics or chemistry is also required

Materials Science and Engineering programmes provide a thorough grounding in the physical and chemical structure of materials, the properties of materials, manufacturing processes and design. Academically, the programmes are a bridge between the pure and applied sciences. Vocationally, they provide a training that embraces the variety of skills in demand throughout industry and business. These programmes cover all materials: metals, ceramics, polymers and composites. Knowledge of these materials is essential if you wish to work in multidisciplinary engineering sectors, such as automotive or aerospace manufacture, where the optimisation of material selection is critical.

Modules:

- Materials Science 1: Properties of Matter
- Materials Selection and Mechanical Modelling
- Engineering Design Methods
- Mathematics for Materials Scientists
- Materials Science 2: Processing and Applications
- Molecules to Materials
- Transferable Skills for Engineers and Materials Scientists
- Student-centred Learning 1

These Materials Science and Engineering degree programmes are accredited by the Institute of Materials, Minerals and Mining.

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/materials-science-and-engineering**

Materials Science and Engineering with Management

Our degree programmes

Materials Science and Engineering with Management BEng (3 years)
UCAS code: J52N

Materials Science and Engineering with Management with a Year in Industry (4 years)
UCAS code: J5NN

Materials Science and Engineering with Management with a Year Abroad BEng (4 years)
UCAS code: J5NY

A-level: ABB
Must include two from maths, physics and chemistry. Alternative offers may be made to applicants taking the EPQ

IB: BEng: 32 overall with 655 in HL subjects, including two from HL maths, physics and chemistry.

BTEC: See qmul.ac.uk/undergraduate/entry/btec for detailed subject and grade requirements. Grade A in A-level maths, physics or chemistry required in addition

Materials Science and Engineering programmes provide a thorough grounding in the physical and chemical structure of materials, the properties of materials, manufacturing processes and design. Academically, the programmes are a bridge between the pure and applied sciences. Vocationally, they provide a training that embraces the variety of skills in demand throughout industry and business.

This programme is designed for strong students with ambitions to be involved in the management of major organisations' such as financial institutions, technology companies, and multinational corporations. This is a joint programme, taught in collaboration with the School of Business and Management. The business modules are designed specifically for this programme and you will be taught alongside other mathematicians, engineers and scientists. In this way you will combine excellent numerical, analytical and design skills, developed through an engineering degree, with strong business acumen and an in-depth understanding of the corporate environment.

Modules:
- Materials Science 1: Properties of Matter
- Mathematics for Materials Scientists
- Materials Science 2: Processing and Applications
- Molecules to Materials
- Transferable Skills for Engineers and Materials Scientists
- Student-centred Learning

Business Modules:
- Fundamentals of Management
- Economics for Business

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/materials-science-and-engineering-with-management**

(This programme is not accredited)

Investigating chemical properties of materials in the Materials Characterisation Lab

Student taking measurements in the Mechanical Testing Lab

Mechanical Engineering
Our degree programmes

Mechanical Engineering BEng (3 years)
UCAS code: H300

Mechanical Engineering with a Year in Industry BEng (4 years)
UCAS code: H304

Mechanical Engineering MEng (4 years)
UCAS code: H301

Mechanical Engineering with a Year in Industry MEng (5 years)
UCAS code: H302

Mechanical Engineering with a Year Abroad BEng (4 years)
UCAS code: H30Y

Mechanical Engineering with a Year Abroad MEng (5 years)
UCAS code: H31Y

A-level: MEng: AAA
BEng: AAB
Must include maths and physics or chemistry. Alternative offers may be made to applicants taking the EPQ

IB: MEng: 36 overall with 665 in HL subjects

BEng: 34 overall with 665 in HL subjects
Must include HL maths and physics or chemistry.

BTEC: See **qmul.ac.uk/undergraduate/entry/btec** for detailed subject and grade requirements. Grade A in A-level maths is also needed

This Mechanical Engineering programme shows you not only how parts, machines and systems work, but also how to design and analyse them. These systems could be a power station, a car engine, or even a household object – the emphasis is on energy and design. You will start with specialist modules from the first year, while gaining a solid foundation in engineering by studying core engineering modules. In the 3rd year you will choose modules from a broad range of Mechanical Engineering course options. Mechanical Engineering represents an ideal solid undergraduate degree programme from which students can then choose to specialise at postgraduate level.

Modules:

- Engineering Design Methods
- Mathematics and Computing for Engineers 1
- Mechanics of Fluids 1
- Energy Conversion Systems
- Transferable Skills for Engineers and Materials Scientists
- Engineering Mechanics: Dynamics
- Engineering Mechanics: Statics
- Thermodynamics 1
- Mathematics and Computing for Engineers 2

These Mechanical Engineering degree programmes are accredited by the Institution of Mechanical Engineers, which means students can progress to chartered engineer status (CEng).

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/mechanical-engineering**

Mechanical Engineering with Management

Our degree programmes

Mechanical Engineering with Management BEng (3 years)
UCAS code: H3N2

Mechanical Engineering with Management with a Year in Industry BEng (4 years)
UCAS code: H3NN

Mechanical Engineering with Management with a Year Abroad BEng (4 years)
UCAS code: H3NY

A-level: MEng: AAA
BEng: AAB
Must include maths and physics or chemistry. Alternative offers may be made to applicants taking the EPQ

IB: MEng: 36 overall with 665 in HL subjects
BEng: 34 overall with 665 in HL subjects
Must include HL maths and physics or chemistry.

BTEC: See **qmul.ac.uk/undergraduate/entry/btec** for detailed subject and grade requirements. Grade A in A-level maths is also needed

This programme is designed for strong students with ambitions to be involved in the management of major organisations such as financial institutions, technology companies, and multinational corporations. This is a joint programme, taught in collaboration with the School of Business and Management. The business modules are designed specifically for this programme and you will be taught alongside other mathematicians, engineers and scientists. In this way you will combine excellent numerical, analytical and design skills, developed through an engineering degree, with strong business acumen and an in-depth understanding of the corporate environment.

Engineering modules:
- Mathematics and Computing for Engineers 1
- Engineering Design Methods
- Mechanics of Fluids 1
- Mathematics and Computing for Engineers 2
- Engineering Mechanics: Statics
- Engineering Mechanics: Dynamics

Business Modules:
- Fundamentals of Management
- Economics for Business

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/mechanical-engineering-with-management**

(This programme is not accredited)

Final year student at work in our facilities

The inner workings of a drone inside our robotics lab

Robotics Engineering

Our degree programmes

Robotics Engineering BEng (3 years)
UCAS code: H67A

Robotics Engineering with a Year in Industry BEng (4 years)
UCAS code: H673

Robotics Engineering with a Year Abroad BEng (4 years)
UCAS code: H67Y

Robotics Engineering MEng (4 years)
UCAS code: H67B

Robotics Engineering with a Year in Industry MEng (5 years)
UCAS code: H67C

Robotics Engineering with a Year Abroad MEng (5 years)
UCAS code: H67X

A-level: MEng: AAA
BEng: AAB
Must include maths and a second science subject at A-level, preferably physics, electronics or computing. Alternative offers may be made to applicants taking the EPQ

IB: MEng: 36 overall with 665 in HL subjects

BEng: 34 overall with 665 in HL subjects including maths and physics or chemistry.

BTEC: See qmul.ac.uk/undergraduate/entry/btec for detailed subject and grade requirements. Grade A in A-level maths is also needed

Our Robotics Engineering programme draws on the strengths of both the Schools of Electronic Engineering and Computer Science and Engineering and Materials Science. The two Schools have combined their state-of-the-art teaching facilities and internationally leading research to offer a programme designed to cover a wide range of general and specialised topics in the field of robotics. The programme will give you an in-depth knowledge of robotics engineering, associated technical know-how, hands-on experience, and numerous transferable skills. The opportunity to engage with industry will give you confidence to seek work in various industrial environments. It is expected that by the end of the programme through the 'Skills for Robotics' modules, your individual project in year 3, group project in year 4, and other associated courses, you will be able to design, model and build robots on your own, focusing on a particular application.

Modules:

- Procedural Programming
- Digital Circuit Design
- Aspects of Robotics (Robotics I)
- Mathematics and Computing for Engineers 1
- Skills for Robotics Engineering
- Analogue Electronic Systems
- Signals and Information
- Engineering Mechanics: Dynamics
- Mathematics and Computing for Engineers 2

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/robotics-engineering**

Exploring use of wind power

Sustainable Energy Engineering
Our degree programmes

Sustainable Energy Engineering BEng (3 years)
UCAS code: H221

Sustainable Energy Engineering with a Year in Industry (4 years)
UCAS code: HF21

Sustainable Energy Engineering MEng (4 years)
UCAS code: H224

Sustainable Energy Engineering with a Year in Industry (5 years)
UCAS code: HG21

Sustainable Energy Engineering with a Year Abroad BEng (4 years)
UCAS code: H22Y

Sustainable Energy Engineering with a Year Abroad MEng (5 years)
UCAS code: H24Y

A-level: MEng: AAA
BEng: AAB
Must include maths and physics or chemistry. Alternative offers may be made to applicants taking the EPQ

IB: MEng: 36 overall with 665 in HL subjects
BEng: 34 overall with 665 in HL subjects
Must include HL maths and physics or chemistry.

BTEC: See **qmul.ac.uk/undergraduate/entry/btec** for detailed subject and grade requirements. Grade A in A-level maths is also needed.

The projected increase in global energy demand, led by developing and emerging economies, underscores the need for new supplies of affordable sustainable energy. This future energy need is perhaps the greatest single challenge facing the world in the twenty-first century. The programme will concentrate on training students for employment in the energy sector. You may go on to work as an engineer, advising on sustainability issues for an energy company or for government.

Modules:
- Engineering Design Methods
- Mechanics of Fluids 1
- Mathematics and Computing for Engineers 1
- Energy Conversion Systems
- Transferable Skills for Engineers and Materials Scientists
- Engineering Mechanics: Statics
- Engineering Mechanics: Dynamics
- Thermodynamics 1
- Mathematics and Computing for Engineers 2

These Sustainable Energy Engineering degree programmes are accredited by the Institution of Mechanical Engineers.

For further details see: **www.sems.qmul.ac.uk/ugadmissions/programmes/sustainable-energy-engineering**

Laboratories and facilities

We have outstanding research and teaching facilities here at Queen Mary. The School of Engineering and Materials Science have recently invested over £30 million into modernising our laboratory facilities across all disciplines in the School, this includes refurbishment of our existing labs as well as building additional laboratories and student spaces.

The new facilities include:

- Our flagship multipurpose teaching and research lab G27, a three-storey high 250sq metre space designed for group work
- A Wet Chemistry laboratory, teaching space equipped with fume cupboards and analytical equipment
- Refurbished Design Studio is a creative space where students receive tutorials, share ideas, collaborate on projects or work on their own
- Robotics Laboratory equipped with robotics-arms, mobile platforms, mechatronic and control systems, swarm robots, human-like robotic systems, virtual reality and haptic interfaces, human motion tracking system
- The Human Performance lab that has a wide range of equipment available including a force plate in the ground, a treadmill that can accommodate wheelchairs and motion analysis facilities, allowing us to analyse motion and forces in people during walking, running and many other activities.

Most of our programmes offer final year students the opportunity to carry out a research project, which is a great opportunity to develop research skills. You will be fully supported by a member of staff and will carry out research using the same laboratories as academic researchers.

Living in London

As one of the world's most exciting and culturally rich cities, London is a great place to be a student: you'll never run out of things to see and explore.

London is also a global hub at the centre of professional, cultural, government and academic networks: a great place to kick start your career.

With nearly 400,000 students here, it's a fantastic place to study. There's always something going on, including hundreds of free events every week. Your student card will also give you a reduction on a surprising number of events and services, including transport.

- **Over 300 museums and galleries**
- **One of the greenest cities on earth**
- **Multicultural cuisine**
- **Exceptional music and nightlife**
- **Outstanding markets**

Find out more
www.qmul.ac.uk/studentlife/social/london/

"What attracted me here in the first place was that London is an international city where career opportunities are always knocking on your door. It's diverse and because of this, I have been immersed in so many different types of cultures and exposed to different ways of living."

Anesu Nyamutora,
BEng Mechanical Engineering (2019)

The Queen Mary Formula Student Society competing at the Formula Student competition at Silverstone

Student life

Students' Union
All Queen Mary students automatically become a member of QMSU, an active and flourishing Students' Union run by students for students. QMSU is best known for its clubs and societies, which provide a great opportunity for meeting people - especially those who are studying a different subject to you. One of the aims of QMSU is to ensure that your time at university is not just about work, but also includes socialising and personal development.

QMotion
QMotion is Queen Mary's Health and Fitness centre. Equipped with a great range of exercise machines and weights, there is also a women only area and a number of exercise classes. There is a squash court and sports hall on campus, and a swimming pool a short distance away.

Sports
Playing sports is a good way to relax after a day spent studying. Our sports teams regularly compete against other college teams, and there's a great social scene with after-match drinks and a regular social night, Hail Mary, which is hosted by a different SU sports team each month.

QMSU Volunteering
Volunteering with charities and non-profit organisations is a brilliant way to explore what London has to offer, make a difference and really get involved in your local area. You can do anything from mentoring local school students, to volunteering in local hospitals, to becoming a helpline volunteer and managing a local sports team. See: **www.qmsu.org/volunteering/**

Student support
You will be assigned an academic adviser when you begin your time at Queen Mary who will stay with you throughout your studies. Your adviser will help you choose modules, sign any forms you need and help you with any academic or personal problems that you have. Most students find it extremely helpful to have one adviser on hand throughout their time at Queen Mary.

Health services
Health services are provided for all students living in the London Borough of Tower Hamlets. Students should register with the Globe Town surgery at the Student Health Centre at the beginning of term. Students living outside Tower Hamlets can be treated on campus in the event of an urgent medical situation. For more information see: **www.globetown.org**

Advice and counselling
Our advice service offers in-depth and specialist advice on a range of financial, practical and legal issues such as student finance, housing rights, immigration law and international student issues. Counselling is also available. Our Advice and Counselling service is a completely free and confidential service. For more information see: **www.welfare.qmul.ac.uk**

Applying and funding

For undergraduate programmes, all students, including international and mature students, must apply online through the Universities and Colleges Admissions Services (UCAS): **www.ucas.com**

You can find further details on the application process on the UCAS website in the 'Applying online guide'. Our own step-by-step guide to applying can be found at: **www.qmul.ac.uk/undergraduate/apply/index.html** UCAS will start receiving applications from mid-September for entry in the following autumn.

Applications from UK-based applicants should reach UCAS by 15 January. Later deadlines apply to international applicants but early application is recommended. The institution code for Queen Mary is Q50.

Tuition fees

Fees are charged at a Home/EU rate for UK and EU nationals, and an overseas rate for International students. To find out more about how your tuition fee status is assessed, see **www.welfare.qmul.ac.uk/money**

Like many universities in England, Queen Mary's annual tuition fee for full-time UK and EU students is £9,250. However, you will not have to pay your fees up front – the government will lend eligible students the money, which you will have to start paying back once you have left university and are earning at least £25,000. For more information, please see: **www.qmul.ac.uk/undergraduate/feesandfunding/tuitionfees/**

Funding

We provide millions of pounds in funding every year to support the next generation of Queen Mary graduates.

Supporting you

While everyone's situation is different, there are many opportunities at Queen Mary to get financial support and advice to help make sure that you're ready to start your university life.

Some of our awards are income-assessed, while others are awarded on the basis of achievement.

What funding is available?

Scholarships

- Queen Mary scholarships are awarded on academic achievement. Some are issued automatically and others you need to apply for (deadlines are online). The value of our scholarships vary. Like bursaries, scholarships do not need to be repaid. Our scholarship awards are funded by Queen Mary and, in some cases, external stakeholders, including our graduates and partner organisations. For more information on scholarships, visit **www.qmul.ac.uk/scholarships**

Bursaries

- Queen Mary University of London Bursaries are for UK-based students. They are awarded automatically – you don't need to apply and they do not need to be repaid. If you have had an income assessment as part of your Student Finance application (and your household income is less than £30,000), you will receive a bursary.

For students starting their studies in 2018, our bursary rates were:

- £1,700 per year with a household income of £15,000 or less
- £750 per year with a household income of between £15,001 and £30,000

Financal advice

We offer specialist support on all financial and welfare issues through our Advice and Counselling Service, which you can access as soon as you have applied for a place at Queen Mary. For more information, visit the Advice and Counselling service website **www.welfare.qmul.ac.uk**, or call +44 (0)20 7882 8717.

Students by Regent's Canal opposite our Mile End campus.

Accommodation

Queen Mary has one of the largest residential campuses in London at Mile End, only 15 minutes by tube to Oxford Street, Covent Garden and the West End. Living on campus is fun, safe and convenient – not to mention a great way to experience London's vibrant East End.

All of our accommodation is in self-catered houses, flats and maisonettes. Most of our students can apply for accommodation in our Student Village on our Mile End campus*. To find out more visit: **residences.qmul.ac.uk/college/qmaccommodation**

Living off campus

Renting private accommodation off-campus is a popular choice for many students. The vast majority of second and third-year students - and even some first-years - prefer the independent lifestyle offered by sharing flats or houses with friends. We provide a range of advice and information to help you to find a convenient and affordable place to stay, including an online listing of privately owned accommodation available for rent. Much of this accommodation is in east or north-east London, within easy walking or commuting distance of Mile End.

Applying for our accommodation

Once you accept your place to study here, full details on how to apply for halls will be automatically sent to you. Queen Mary housing is very popular and we suggest you apply as early as possible. For housing deadlines and eligibility, visit: **residences.qmul.ac.uk/college/application**

Single sex housing

We offer some single sex flats in residences that share bathroom facilities.

What is my accommodation likely to cost?

Here are some guideline housing prices –t he prices quoted are for the academic year 2018-19. Residential fees are payable termly in advance:

- Queen Mary residences – rents for single rooms range from £129 (non-ensuite) - £177(ensuite) per week, including all utility costs, insurance and Wi-Fi. Current prices can be found at: residences.qmul.ac.uk/college/fees
- Privately rented accommodation – student rents in the local area in shared flats and houses typically range from £120-£160 per week.

There are also a number of privately run student halls in the area, rents in these purpose built developments reflect the very high standards (most being self-contained studios) and range from between £215 - £370 per week.

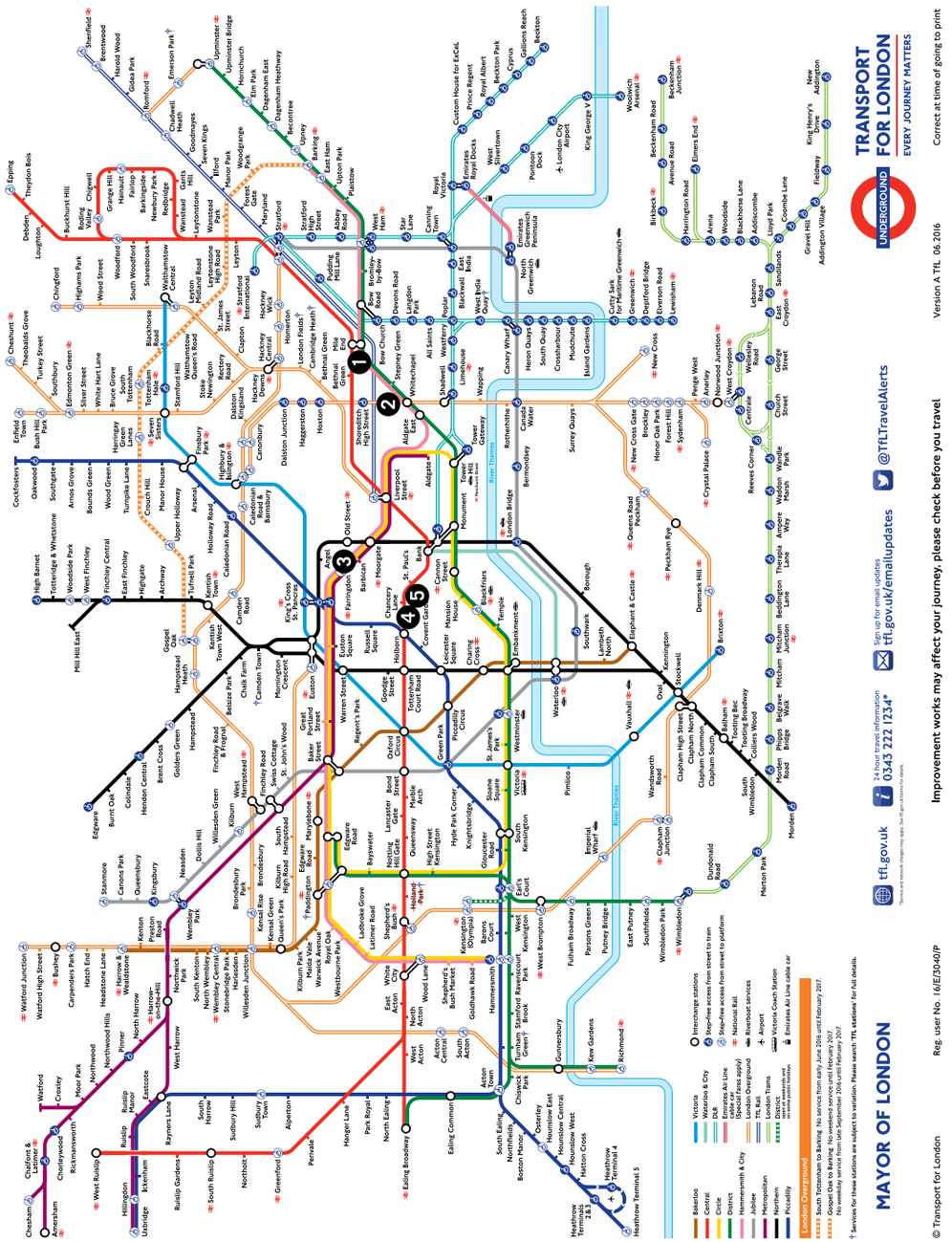
Alternative housing options

We can provide specialist advice on a range of alternative housing including: renting a local room or flat, a room in a privatively built hall of residence or choosing a homestay or short-stay option (which provides greater flexibility).

For further information, guidance and prices, visit: **residences.qmul.ac.uk/alternative**

For all accommodation queries, contact us on:
Tel: +44 (0)20 7882 6474
email: residences@qmul.ac.uk

TUBE MAP



MILE END CAMPUS

For more detailed campus information, see: **qmul.ac.uk/about/howtofindus**

Educational/Research	
ArtsOne	37
ArtsTwo	28
Arts Research Centre	36
Bancroft Building	31
Bancroft Road Teaching Rooms	10
Peter Landin Building (Computer Science)	8
Engineering Building	16
G.F. Fogg Building	13
G.O. Jones Building	38
Geography	39
Graduate Centre	18
Informatics Teaching Laboratories	6
Joseph Priestley Building	41
Library	33
Law	34
Lock-keeper's Cottage	42
Occupational Health and Safety Directorate	12
People's Palace/Great Hall	16
Queens' Building	18
Scape Building	64
Temporary Building	61

Residential	
Albert Sloman Cottages	3
Albert Sloman House	1
Beaumont Court	53
Chapman House	43
Chesney House	48
Creed Court	57
Fenner House	58
Feltrim House	46
Hatton House	40
Ion Trade Place	2
Lindop House	21
Lodge House	50
Lyndon House	59
Maurice Court	53
Maynard House	44
Pooley House	50
Sellincourt House	51
Vasey House	48

Facilities	
Advice and Counselling Service	27
Bookshop	20
Cafeteria	53
Careers Centre	19
Clock Tower	20
Crypt	54
The Curve	47
Dyslexia and Dyspraxia Service	31
Dispensary Bar and Kitchen	8
Ground Café	33
The Hive	29
Housing Hub	49
IT Services	18
Munch's	28
Occupational Health Service/ Student Health Service	28
Octagon	16a
Portering and Postal Services	17
Queen Mary Health and Fitness Centre	
Sports Hall	9
Santander Bank	52
Security	36/54
St Pancras Chaplaincy	22
Student Enquiry Centre	18
Students' Union Hub	34
Union Shop	8
Village Shop	52
Westfield Nursery	11

Building construction site	1-6
Building closed for major refurbishment	4

Information

Visitors who require further information or assistance should please go to the main reception in the Queens' Building.

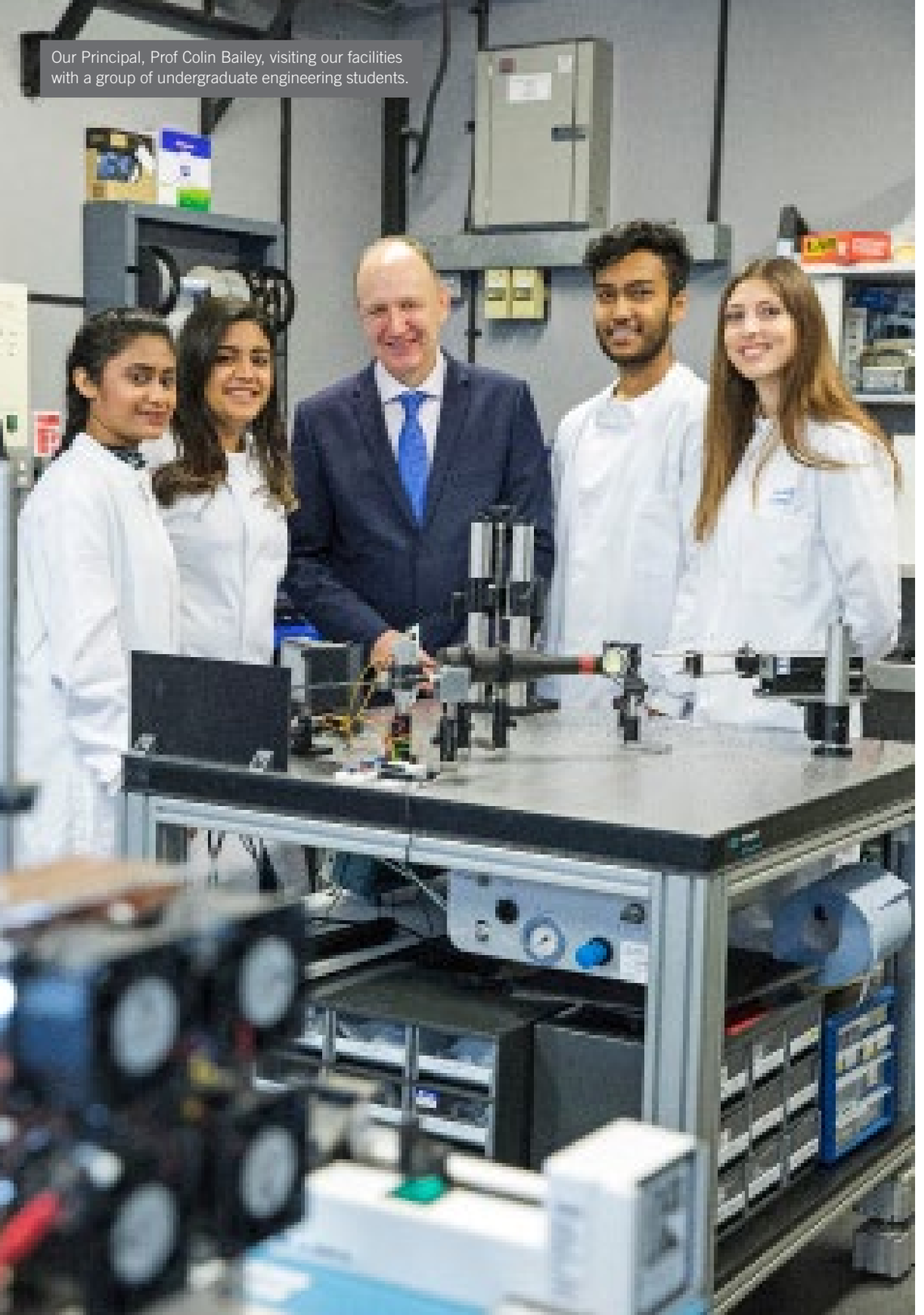
The smoking of cigarettes or tobacco products are only permitted at designated smoking areas / shelters indicated on the map.

Electronic cigarettes permitted on outside spaces only.

These premises are alarmed and monitored by CCTV; please call Security on +44 (0)20 7882 5000 for more information.

Key

- Library/bookshop
- Fitness centre
- Refreshment: Bar/Eatery/Coffee place
- Staff car park
- Bicycle parking
- Bicycle lockers
- Cash machine
- Smoking area / shelter



Our Principal, Prof Colin Bailey, visiting our facilities with a group of undergraduate engineering students.

Terms and conditions

1 Rules and regulations
The offer of, and acceptance of, a place at Queen Mary is made on the understanding that you undertake to observe the terms and conditions of our Academic Regulations and related policies. These cover, among other things, payment of fees, attendance at classes, submission of work, attendance at examinations, student discipline, complaints procedure, freedom of speech and equal opportunities policies. To read the Academic Regulations and related policies, visit: **arcs.qmul.ac.uk/policy**

2 Changes to our programmes
Queen Mary will aim to deliver your programme so that it closely matches the way in which it has been described to you by Queen Mary in print, online, and/or in person. However, it is important to realise that in some circumstances we may change aspects of your programme. For example, staff changes, resource limitations and factors such as a change in the law or the level of demand for a particular programme or module may result in Queen Mary having to withdraw or change aspects of the programmes and/or student services described in this prospectus.

In the unlikely event that we discontinue a programme of study, or change it significantly before it begins, we will inform applicants holding an offer of a place at the earliest opportunity and will endeavour to offer a suitable alternative programme at Queen Mary. We will also ensure that these changes are reflected on our website as soon as possible.

3 Liability for damage to person or property
Queen Mary does not accept responsibility or liability for any damage to students' property, the transfer of computer viruses to students' equipment, or personal injury to students caused by the misuse or unauthorised use of Queen Mary equipment, or owing to students not taking due care while on Queen Mary premises, or engaged in Queen Mary activities.

4 Accuracy of information in this prospectus
Queen Mary has made reasonable efforts to ensure that the information provided in this prospectus is both helpful and accurate at the time of going to press. However, this information is subject to change over time. For this reason, it is important that you check the website for the most up-to-date information **(qmul.ac.uk)** or contact us using the details contained within the document.

Applicants are strongly advised to check the Queen Mary Course Finder for up-to-date entry requirements before submitting their UCAS application: **qmul.ac.uk/undergraduate/coursefinder**

Read our terms and conditions in full at: **qmul.ac.uk/prospective/termsandconditions**

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Contact

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We would like to thank the students who took part in these photographs. Student and departmental photography by Dr David Hone and Dr Rob Knell, Jorge Estevao (jdestevao.com) Ray Crundwell Layton Thompson (laytonthompson.com) (raycrundwell.com) and Jonathan Cole (www.JonathanColePhotography.com)

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