

Canary Wharf
Brick Lane
Tech City
Shoreditch

94%
GRADUATES IN
EMPLOYMENT OR
FURTHER STUDY
(DLHE 2015)

15
MINS
to the West
End on the
Tube

Undergraduate
Prospectus
2018

BARTS AND
THE LONDON

MILE END

QMUL

STUDENTS
AND STAFF FROM
155
COUNTRIES

9th in the UK
for research
REF 2014

ONE OF THE
LARGEST RESIDENTIAL
CAMPUSES IN THE
CAPITAL

RUSSELL
GROUP



CONTENTS

WELCOME TO QMUL

What we offer
Innovative learning

CAREERS AND EMPLOYABILITY

Kick-start your career

OUR LOCATION

London: the world's favourite destination
Our home in east London

STUDENT LIFE AT QMUL

Student life: a peaceful oasis in a busy city
Campus life
Our Students' Union
Accommodation
How we support you
Global opportunities

2
4
6

8

14
16

20
22
26
30
32
36

ESSENTIAL INFORMATION

Student finance: tuition fees, loans and bursaries
Entry requirements
How to apply
A-Z of student services
Meet us
Visit us
London Tube map
Campus maps
Degree programme index
General index

236
237
239
240
242
244
245
246
249
252



SUBJECT AREAS

Subject areas – Table of contents	40
Foundation programmes	46
Biological and biomedical sciences	52
Business and management	60
Chemical sciences	66
Comparative literature	74
Computer science	80
Dentistry	88
Design and creative computing	92
Drama	100
Economics and finance	106
Electrical, electronic and robotics engineering	114
Engineering	122
English	130
Film studies	136
Geography and environmental science	142

Global health	150
History	154
Information technology	162
Languages and cultures	168
Law	178
Linguistics	186
Materials science and engineering	190
Mathematical sciences	196
Medicine	204
Physics and astronomy	214
Politics and international relations	222
Psychology	230

Undergraduate Open Days

An Open Day is the perfect opportunity to come and talk to some of our current students – and see for yourself what life at QMUL is like.

Our next Open Days will be on:

23, 24 June and 7 October 2017
qmul.ac.uk/undergraduate/openday



WELCOME TO QMUL

Welcome to Queen Mary University of London (QMUL)

QMUL is a leading Russell Group university based in London's vibrant East End. Set alongside the historic Regent's Canal, our self-contained campus at Mile End is one of the largest in the capital. Known for our world-leading research and inspirational teaching, we have been educating the best and brightest students for 130 years.

Queen Mary strives to support the pioneers and influencers of the future. While you're with us, we'll offer you many opportunities to develop your knowledge and employability skills before you graduate. Whether you're looking to get industry experience or funding for a start-up, we can provide you with the support you need to shape your own future.

Queen Mary is a place of personal self-discovery. Not only will you get to live and study in one of the most exciting cities in the world, you will also become part of a diverse community of staff and students from over 155 countries. At Queen Mary you will develop as an academic and as an individual, ready to make your own important contributions to society.

We look forward to welcoming you soon.



Meet us

The best way to get a feel for life at QMUL is to visit us.

See: qmul.ac.uk/undergraduate/open-day

Our campus at Mile End is set beside the historic Regent's Canal and ecological Mile End Park. The canal continues south towards Canary Wharf and Docklands

WHAT WE OFFER

From our location in the heart of east London – one of the capital's most dynamic areas – to our welcoming campuses, world-leading research and inspiring teaching, there's a host of reasons to make QMUL your first choice.

A friendly community in a great location

- One of the largest residential campuses in London at our main home in Mile End
- Short walk from the creative 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 15 minutes from the West End.

We are international

- Part of the internationally recognised University of London (UoL)
- Students and staff from more than 155 countries
- Links with many leading international universities, and many opportunities to study abroad
- One of the top 25 “most internationally diverse” universities in the world (*Times Higher Education*, 2016).

Exceptional facilities

- £105m spent on new facilities in the past five years
- Some of the largest open-plan laboratories in Europe in the Blizzard Building
- First new dental school building and hospital in the UK for 40 years
- 7,700 square metres of new learning and teaching space with the £39m Graduate Centre opened January 2017.



Queen Mary is a reputable university that works hard to ensure all its students achieve the best and go on to become successful in whatever field. The courses are challenging and hard work, but it is enjoyable as you get to choose a subject that you're interested in

Sabrina Alam, Theoretical Physics MSci (2018)





One of the UK's leading universities

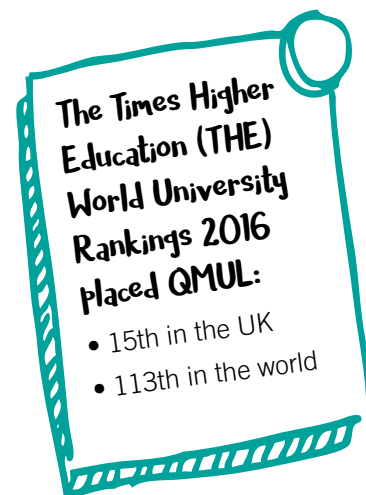
- Member of the Russell Group – one of the UK's 24 leading universities
- £24,000 – average salary of our UK-based full-time undergraduates six months after completing their course (Destination of Leavers from Higher Education survey, 2015)
- Teaching inspired by our world-leading research
- Seven Nobel Prize-winners among former staff and alumni
- Top 10 university in the UK for the quality of our research (REF 2014)
- Distinguished history, dating back to 1123 (the foundation of St Bartholomew's Hospital)
- 84 per cent of our undergraduates expressed 'overall satisfaction' with their time here, with nine subjects rated 90 per cent and over (NSS 2016).

Generous support

- £9m worth of scholarships and bursaries distributed in 2015/16

INNOVATIVE LEARNING

At Queen Mary, we'll help you channel your knowledge and skills in to real-life experiences. By providing you with the opportunities to secure work placements, design your own research project, help in the local community, or even travel overseas, our degrees help you prepare for your future beyond graduation.



Broaden your horizons

When you join us, you'll find options that offer you the chance to broaden your skills so you really stand out from the crowd. Perhaps you're a scientist but you'd like to work on a community project? Maybe you're a historian who has dreams of running your own business? Or perhaps you're an engineer who wants to experience another part of the world? At Queen Mary, you'll find opportunities to explore your interests, whatever they are.



Our approach allows all our undergraduate students to continue with a focus on disciplinary excellence, complemented by a personalised programme to broaden perspective, improve networking and communication skills, and provide experience outside their subject area and outside the university. In essence, our degrees help our students to find the right job or opportunity befitting their talents.

Professor Simon Gaskell,
President and Principal

Where could your Queen Mary degree take you?

We'll work with you to create a more personalised strand within your degree to set you on your path. Our innovative approach will help you to not only 'find a job' or further study opportunity, but to position yourselves to find the right job or opportunity for you.

Examples of the types of opportunities we provide

- **Start a business:** if you are interested in developing your enterprise skills, you could learn how to validate an entrepreneurial idea by setting up a business yourself and testing it in the market. You will be supported by mentors who will help you to refine your idea and develop a business plan.
- **QConsult Community:** build skills and experience to prepare for work after graduation while making a positive impact on the community. QConsult Community assigns teams of students with a project or business challenge provided by a local charitable organisation. Your work will directly benefit the charity and you'll receive support and training from the QMUL Careers and Enterprise team throughout your project and learn how to add your new skills to your CV.
- **QConsult Commercial:** gain valuable skills and experience by acting as a consultant for a local business. QConsult assigns teams of students with a real-life business challenge that the team must work together to solve. You'll work as a group to conduct research and analysis, after which you'll present your findings and recommendations to the business. You'll also receive training and support from the QMUL Careers and Enterprise team throughout your project and learn how to add your new skills to your CV.



Drama students at a workshop at the Globe Theatre on the South Bank



- **Language and society:** investigate the intricate and complex patterns in human language and examine how these reflect larger social structures. Explore how factors such as diversity and social identity have an influence on the way we speak and are perceived by others.
- **Health and society:** how is health, disease and illness shaped by social and cultural factors? Exploring anthropology, sociology and science and technology studies, you will see how class, gender, race, ethnicity and age shape our ideas about health in societies worldwide.

A commitment to the future

Queen Mary was born from the idea of the People's Palace – a philanthropic endeavour in the capital where Londoners could find the opportunities they needed to help them move up in the world. We hold true to that commitment today and can't wait to share this with you – it's the Queen Mary way. For further details please see: qmul.ac.uk/qmulmodel



KICK-START YOUR CAREER



In today's competitive job market, employers expect graduates to have a range of skills and first-hand experience of the workplace. While this can seem daunting, at QMUL there's lots of support available and many opportunities to help you develop these skills and experiences.

The London advantage

At QMUL, we're close to the financial hubs of Canary Wharf and the City, as well as the creative and technology-driven businesses of east London, and central London itself. With 82 per cent of graduate vacancies with leading UK employers located in London (High Fliers Graduate Market Report 2016), it's a serious advantage to be based here. Whether you are studying drama, dentistry or engineering, there are many ways for you to gain experience in your chosen field. Alongside your studies, you'll have opportunities to:

- attend networking or industry events with leaders in your field, building valuable contacts
- undertake internships in your ideal area of work in your spare time, and be able to attend interviews at short notice
- volunteer with local or national charities
- work part-time alongside your studies, earning money and developing skills.

In short, you'll be able to start building your career, while studying at the same time.



The Careers Service has been an invaluable resource for me at Queen Mary, as they have aided me with my internship applications and interviews

Tasqeen Ahmed, Biochemistry BSc (2015);
Cancer and Molecular Pathology and
Genomics MSc (2016)





KICK-START YOUR CAREER

London is a global city, making it an international arts, culture and business hub. At QMUL, we offer a range of opportunities for you to meet employers on campus, giving you the chance to get a better understanding of a company or sector, find out how organisations recruit, and to network and build contacts. Around 400 employers and training organisations visited the campus last year, including Accenture, Airbus, AstraZeneca, Bloomberg, Civil Service Fast Stream, Deutsche Bank, Freshfields, HM Treasury, KPMG, Rolls-Royce and Thomson Reuters.

The value of a QMUL degree

Our graduates are highly prized by employers, and have some of the highest starting salaries of any university in the UK (£24,000 average salary in 2015*). Your standing among graduate recruiters is also enhanced by our membership of the Russell Group of leading universities.

Many of our degrees are accredited by professional bodies, including the Bar Council, the Institute of Physics, the Law Society, the Institute and Faculty of Actuaries, and the Chartered Financial Analyst Society of the UK. Some of our accredited courses also entitle you to exemption from professional examinations, giving you a head-start in your chosen career.

Enhancing your employability

Our Careers and Enterprise service (careers.qmul.ac.uk) provides you with support in choosing a career, CV and application writing, interview techniques and other employer recruitment methods, to help you apply for internships, part-time work, a graduate role or further study. We keep our employability services up to date with the demands of the job market and aim to ensure that our graduates are in the strongest position possible when they leave us.

We also invite former students from your subject area to share their experiences of the workplace with you. These informal sessions enable you to find out more about particular companies or industries. Former students who came to the campus last year included

bankers, civil servants, consultants, doctors, engineers, journalists, lawyers, politicians, scientists and writers.


Our work placement schemes

Our careers and employability service runs a wide range of innovative schemes to help you develop the transferable skills and experience that you'll need when you graduate. These include:

- **QRecruit** – our one-stop jobs portal for students and recent graduates. Try it here: careers.qmul.ac.uk/qrecruit
- **QProjects** – this innovative scheme places QMUL students with local charities who need help with activities such as developing a website, planning an event, applying for funding or lobbying government. It won Employability Initiative of the Year at the *Guardian* University Awards 2014.
- **QConsult** – this scheme sees QMUL students work in small teams to undertake a business consultancy project with a client. Working to a brief, the QConsult team analyse a real business scenario over a period of 5–10 weeks, after which they present their findings and recommendations to the business. QConsult was winner of the Employability Initiative category at the *Guardian* University Awards 2016.
- **QTemps** – our dedicated service helping students and graduates to find paid short-term and/or part-time work on campus and in the local area. These opportunities are excellent for building up your CV and provide a great opportunity to earn extra money while studying.
- **QInterns** – this scheme sources paid internship opportunities for QMUL students and recent graduates. Recent opportunities include internships at JP Morgan, Pfizer, EDF Energy, and Peregrine Communications.
- **QMentoring** – connects our current students with either a QMUL alumnus or a UK-based professional who acts as a mentor by providing first-hand insights into their businesses or industry.

Find out more about QConsult, QTemps and QIntern here: careers.qmul.ac.uk/recruiters/internships





The QMUL students who have come to us through QProjects have been exceptional; they have been competent, confident and full of ideas. In this hard economic climate, it is good to see a scheme like this that supports the community. It is the best careers service initiative I have come across

Rachel Roberts, Phoenix Education Trust

Employability at QMUL: the stats

- 94 per cent* of graduates in employment or study six months after completing their course
- £24,000* – average salary of UK-based full-time QMUL graduates six months after graduation
- 120+ annual employer recruitment and networking events at QMUL
- 400+ employers and training organisations visited the campus last year
- 1,200 opportunities to volunteer on or off campus
- 3,000 vacancies to browse on QMUL's JobOnline vacancy site – all paying the National Minimum Wage or above.

* Destination of Leavers in Higher Education survey, 2015. Average salary based on UK-domiciled, full-time students earning more than £10,000 and who opted to answer the salary question.



£24,000

average starting salary
in 2015*

KICK-START YOUR CAREER



Hundreds of opportunities to volunteer

Many QMUL students volunteer alongside their studies, donating their time to make a difference locally. As well as being very rewarding, volunteering will boost your CV and enable you to develop new skills valued by employers. Our Students' Union offers a variety of flexible roles, with hundreds of different charities and non-profit organisations, taking place in the local area and across London. Recent volunteering opportunities have included:

- helping to research the history of Roman Road for a community project
- mentoring a secondary school student
- tutoring GCSE science or maths
- befriending an isolated elderly person who lives locally
- coaching local school children in football skills
- marketing, design and social media.

Find out more at: qmsu.org/volunteering

Academic internships

Many of our Schools also offer internship opportunities: for example, final-year Politics BA students are given the opportunity to engage with real-life politics through the Parliamentary Studies internship. Students shadow a parliamentarian for four months and gain a unique insider's view of British politics as part of their studies.

Links to Tech City

Queen Mary works with various employers in the growing digital community in Tech City to source internships and work experience projects for students, and get mentors for our student entrepreneurs.

Go for it: be an entrepreneur

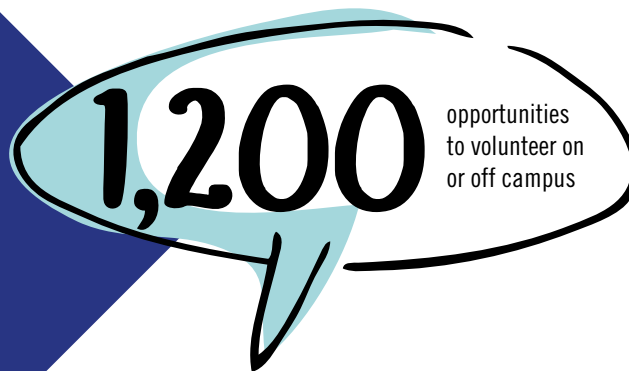
Initiative, problem-solving and leadership – these are just some of the valuable skills that you will be able to demonstrate if you start your own business. Each year hundreds of start-ups are launched at QMUL. Some make money, others have a social impact. We can offer you lots of help and advice, including funding schemes (we awarded £75,000 to help student start-ups in 2015/16), one-to-one advice and business mentors. Find out more: careers.qmul.ac.uk/students/enterprise

Learn a language

In today's global economy, learning another language can make you highly attractive to employers. Even if you're not studying a language as part of your degree, you can still develop these skills by signing up for a course with our Language Centre. The languages offered include Arabic, Chinese (Mandarin), French, German, Japanese and Spanish. For more information and course fees, see: language-centre.sllf.qmul.ac.uk/language-learning

Get industrial experience with our science and engineering degrees

A number of our science and engineering degrees come with an industrial experience component. These sandwich degrees combine academic study with a one-year industrial placement between your second and final years, giving you the chance to develop real-world, practical, problem-solving skills in a professional context. You can take placements across all industry areas in both the private and public sectors (as long as it relates to your degree). Our students have recently undertaken placements at: Microsoft, Disney, L'Oréal, Goldman Sachs and IBM.





LONDON

THE WORLD'S FAVOURITE CITY DESTINATION*

With a population of 8.6m and more than 100 languages spoken, the people of London represent cultures from every corner of the earth. This is reflected in London's huge range of festivals, restaurants, religions and community groups.

It's a welcoming city. To become a Londoner, all you need to do is live here – and as one of the only London universities to offer you a residential campus in the heart of the capital, you're in a great position to take advantage of all that this incredible city has to offer. Not only is London an inspiring place to study, it is also Britain's economic and cultural powerhouse: the city is a magnet for people and talent from across the globe, making London one of the world's most cosmopolitan and exciting cities.



THE ROYAL
LONDON
HOSPITAL IN
WHITECHAPEL

MILE END
CAMPUS IN EAST
LONDON



* TripAdvisor Travellers' Choice Award 2016



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

OUR HOME IN EAST LONDON

While the West End might be the heart of London geographically, if you want to find the real soul of the capital, you'll have to head east. Next to the City of London, east of the medieval walls that marked the city's original boundaries, you'll find the East End – a place with a rich history, cultural scene and sense of community, which we are lucky to be able to call home. One of the most rapidly changing parts of the capital, it combines the best of old and new.

Location, location, location

As any Londoner will tell you, the most important thing about living in the capital is location, and our address is perfect. We are close to Shoreditch and Brick Lane, the Tech City technology cluster, and the financial centres of Canary Wharf and the City. Cycle just over 10 minutes from our Mile End campus and you'll find the world-class sports facilities at Queen Elizabeth Olympic Park, which are set in a beautifully landscaped park. We are also only 15 minutes from Oxford Circus on the Tube.

Things to do around our Mile End campus

Our campuses are surrounded by some of London's hidden gems: you can easily turn down a residential street and find a hidden garden square, contemporary artwork or an atmospheric Victorian pub serving good food. Studying in the East End means that you'll always find something new to discover.

Here's our guide to the best of the local areas:

Mile End

Next to the main QMUL campus and bordering Regent's Canal is Mile End Park. With its iconic green bridge stretching across Mile End Road, this linear park features a leisure centre, museum, ecology zone and an art pavilion. A walk along the canal will bring you to Victoria Park and eventually Broadway Market – it's the perfect route for a weekend cycle.



Mile End is also home to the Mile End Climbing Wall. Based in a converted engineering works only minutes from campus, it's one of the largest indoor climbing walls in London. Also nearby is the Ragged School Museum, which explores and recreates the experience of Victorian children studying at a ragged school, a pioneering Victorian experiment in public education for poor children.

Stepney

Just down the road from Mile End, Stepney is popular with our students for its pubs and the independent Genesis cinema, which is housed in a beautiful converted music hall and is famed for its reduced ticket deals on Wednesdays and Fridays. The Genesis is also home to Bar Paragon, where you can sample a wide range of classic cocktails made by master mixologists while attending events such as their monthly film quizzes and poetry slams.

Whitechapel and Brick Lane

A vibrant area with a long history as a cultural melting pot, Whitechapel hosts a street market six days a week and is famous for its wide variety of curry houses. It also features the oldest mosque in London, the East London Mosque, and the Whitechapel Gallery, which is renowned for showcasing contemporary developments in art.

Whitechapel is also home to QMUL's Barts and The London School of Medicine and Dentistry, and is the main site for our medical and dental students. Situated next to the Royal London Hospital, our Whitechapel campus is set in the hustle and bustle of a diverse local community. Brick Lane is a short walk away from here, and boasts world-famous bars and clubs, artisan coffee shops, record shops, vintage shops, world cuisine and a celebrated Sunday market packed with vintage and antique bargains.



OUR HOME IN EAST LONDON

Shoreditch and Hoxton

Shoreditch is home to many exciting student events, from private concerts performed by internationally renowned artists to the daily buzz generated by galleries, markets and shops. Not only is Shoreditch a social hub, it's also home to Tech City, where many of London's digital start-ups are based. There are regular free networking events in the area.

Some of the best venues in the area include XOYO, The Hoxton Pony and The Old Blue Last – at almost 400 years old, it's known as an old haunt of Shakespeare's. Now owned by the Vice media channel, it hosts high-profile gigs at student-friendly prices. Hoxton Square also offers a range of restaurants and bars.

Next to Shoreditch High Street station is Shoreditch Box Park: a quirky pop-up mall with shops selling a range of gifts and fashion, all housed in converted shipping containers.

Spitalfields

The Old Spitalfields Market is a five-minute walk from Liverpool Street station and Brick Lane. Here you'll find restaurants and stalls selling a variety of items on different days, from vintage clothing to collectable vinyl: try Thursdays for antiques and Fridays for fashion and art. Spitalfields is also home to Dennis Severs' House, which features painstakingly recreated rooms spanning historical time periods to provide an immersive experience of life in Spitalfields across the ages.

Our campus is close to everything, from the City to Westfield. You can always pop into campus or go out and about in central London, and I often go to Senate House Library for a change

Tanzina Khatun, Geography BA (2017)

Stratford

Stratford is one stop from Mile End on the Central Line, famous for being the site of the 2012 Olympic Games. Across the road from the Queen Elizabeth Olympic Park (now home to West Ham Football Club) is Westfield Stratford City, one of the largest shopping complexes in Europe. Westfield has a huge range of high-street shops, bars, restaurants, a cinema and a bowling alley.

Canary Wharf

Developed in the 1980s on the site of London's old docklands, Canary Wharf (along with the City) is the financial centre of the capital – a hub of global finance and glittering skyscrapers. There are lots of restaurants, cinemas and a shopping centre here, as well as an ice skating rink in winter.

Just a short journey from Canary Wharf on the Docklands Light Railway is Greenwich, where you can visit the National Maritime Museum or the Royal Observatory to admire a panoramic view over London. Greenwich Market is London's only historic market set within a World Heritage site, and boasts a range of craft stalls, food bars and restaurants open seven days a week.

Bethnal Green

A leisurely walk along Regent's Canal and only one stop from Mile End on the Central Line, Bethnal Green has a lively and eclectic atmosphere, filled with shops and art collectives. A popular location for student housing, it's also home to St John's Church and the London Buddhist Centre, along with the V&A Museum of Childhood.

Bethnal Green features a number of quirky cafés, including the vegan-friendly Gallery Café and the UK's first cat café, Lady Dinah's Cat Emporium. Columbia Road is a winding treasure-trove of coffee houses, vintage shops and art studios, with its famous Flower Market held every Sunday, rain or shine.

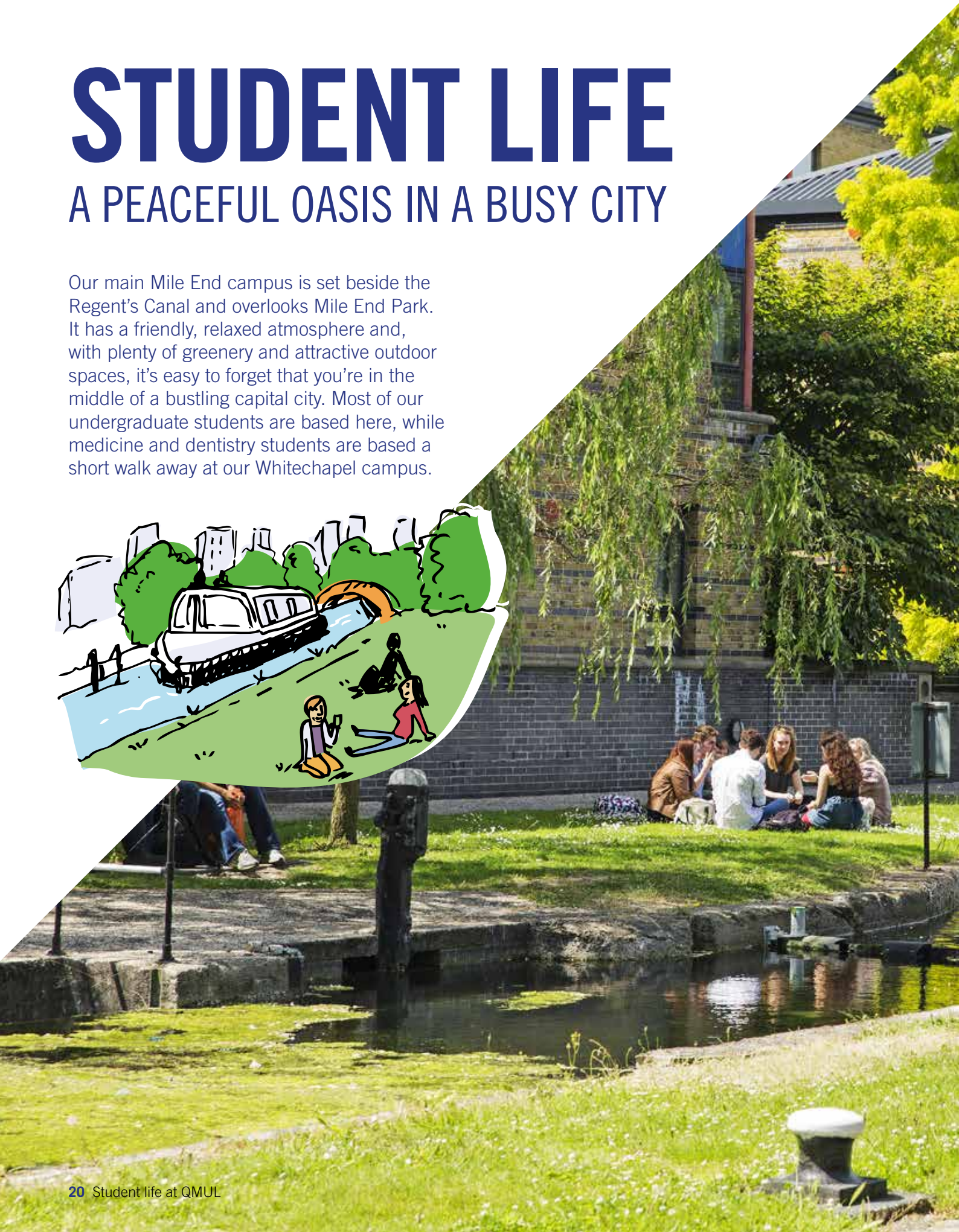


Stratford, London

STUDENT LIFE

A PEACEFUL OASIS IN A BUSY CITY

Our main Mile End campus is set beside the Regent's Canal and overlooks Mile End Park. It has a friendly, relaxed atmosphere and, with plenty of greenery and attractive outdoor spaces, it's easy to forget that you're in the middle of a bustling capital city. Most of our undergraduate students are based here, while medicine and dentistry students are based a short walk away at our Whitechapel campus.





CAMPUS LIFE


On our Mile End site, you will be able to enjoy all the advantages of a campus lifestyle: a friendly community of staff and students, safety and convenience. We have two shops, four cafés, two restaurants, a bar, a gym, a bookshop and a bank on site. All this and only 15 minutes from the West End. Here's our guide to what you'll find:

Award-winning architecture

From the Lego-like shapes of the G.E. Fogg Building, to the tessellated patterns on our Mathematical Sciences Building; and from the elegant ArtsTwo building and award-winning Student Village to the futuristic shapes of the converted Victorian Lock-keeper's Cottage, one of the things that makes our campus stand out is its distinctive architecture. Our latest addition, the Graduate Centre, is also the home of the School of Economics and Finance.

The centre of knowledge

At the heart of our Mile End campus is Library Square, where you'll meet friends and relax over a coffee. It's also home to Mile End Library, which was designed by Colin St John Wilson (who also worked on the British Library).



The new Graduate Centre is home to the School of Economics and Finance, as well as being a centre for postgraduate students



Top Students' Union bar

Our Students' Union bar, Drapers Bar and Kitchen, offers a relaxed space to eat and drink. As well as offering tasty burger meals for under £5, it hosts great student party nights each week. It won the Best Students' Union Venue of the Year at the Ents Forum Awards 2016 (under 1,000-capacity category).



It's nice having everything all in one location at the Mile End campus. There's a real sense of community. Campus is almost its own little village: our own little space in London

Hugo Batista, Information Technology Management for Business with Industrial Experience BSc (Eng) (2018)



CAMPUS LIFE

Flat whites and gelato on campus

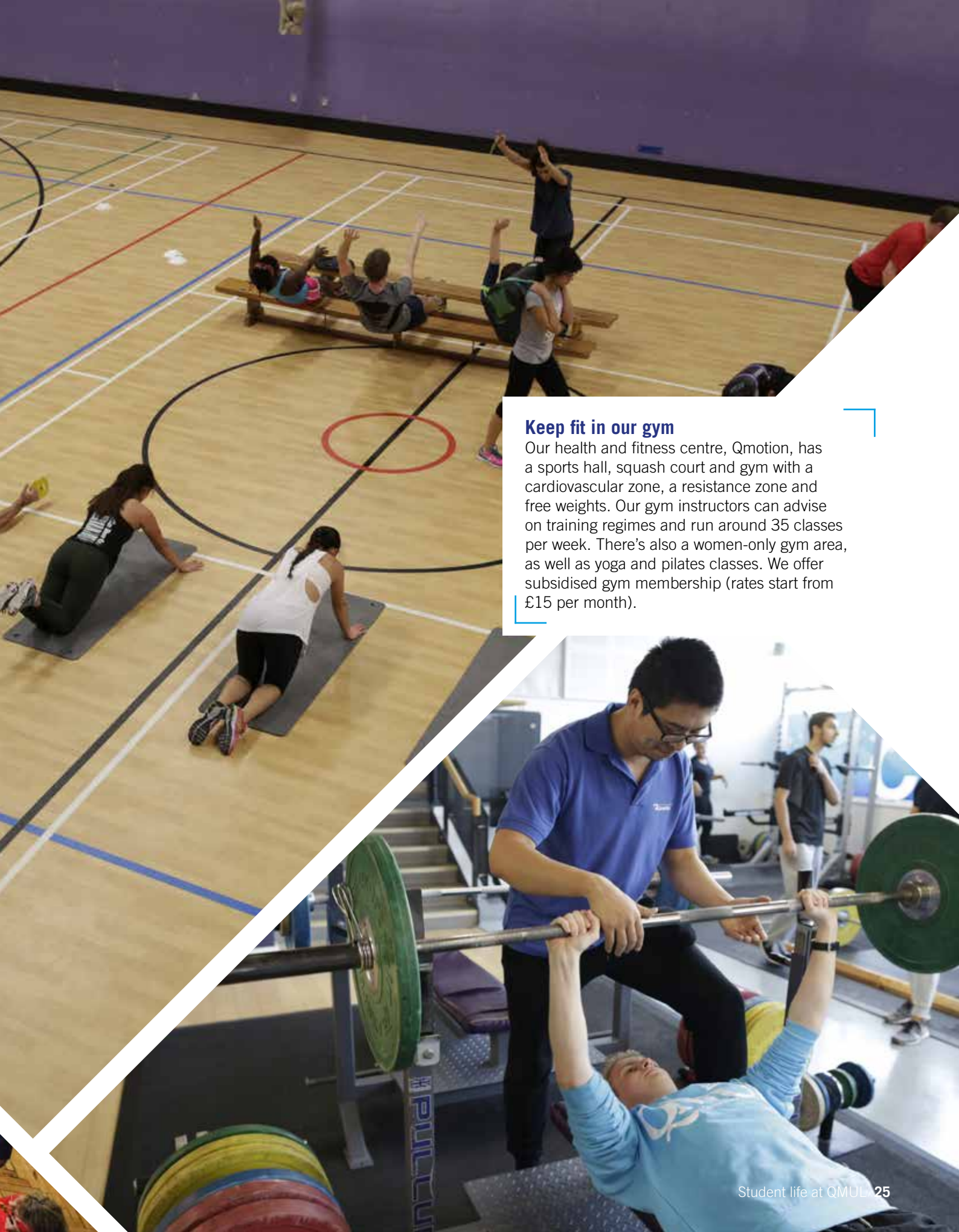
We've got nine food outlets on campus including restaurants, coffee shops and two grocery stores. Ground Café serves the best coffee on campus and gourmet Gelupo gelato ice creams. Mucci's serves delicious salad, pizza and pasta, and is good value too.

The best thing about going to a campus university is that it has everything you need in one place. Sitting by the canal on sunny days is always nice

Taneesha Jones-Seale,
Psychology BA 2016

Amazing venues and concert facilities

As well as award-winning contemporary architecture, we have beautiful historical buildings, each with its own fascinating history. Built in 1936, the Great Hall in the art-deco People's Palace is the venue for graduation ceremonies, concerts, and large events. The Octagon is a surviving part of the original People's Palace and was QMUL's old library. It is now an impressive events space and is used for our graduation celebrations.



Keep fit in our gym

Our health and fitness centre, Qmotion, has a sports hall, squash court and gym with a cardiovascular zone, a resistance zone and free weights. Our gym instructors can advise on training regimes and run around 35 classes per week. There's also a women-only gym area, as well as yoga and pilates classes. We offer subsidised gym membership (rates start from £15 per month).

OUR STUDENTS' UNION



Queen Mary Students' Union (QMSU) is a democratic membership organisation that is the voice of all Queen Mary students. You automatically become a member of QMSU when you join Queen Mary. The Union's mission is to improve students' lives through listening to your feedback, electing students to represent your views, and by providing opportunities and services. If you are studying medicine or dentistry, you will also become a member of the Barts and The London Students' Association (BLSA).

The Union is a registered charity, so every penny of profit goes back to you to support campaigns, welfare and student activities. Across the QMUL campuses, the Union also runs social spaces, gyms, shops, cafés, bars and restaurants, where you can take a break, relax or grab something to eat.

Run by students for students

The Union is led by students across Queen Mary. Every Queen Mary student is automatically a member of the Union and has a say in how it is run through elections and their representatives. Elected students set the direction of the Students' Union, decide on student policy and run campaigns and projects to improve the student experience. These elected students include course representatives, part-time officers and executive officers. Executive Officers take a year out of their studies to work full-time at the Union.

Get involved

Student groups

There are hundreds of student groups to get involved with that will help you make new friends, spark new interests, and gain new skills and experiences! With more than 250 societies, 60 sports clubs and a variety of student media outlets, there is something for everyone – and if there isn't a group to suit your interests, you can always set one up.

Not only is joining a society a great way to pursue your interests and have fun, you can also cultivate your employability skills by getting involved with the running of your society. Being part of a sports club is a great social experience and an excellent way to develop your sporting skills. Sports clubs compete in local, national and international competitions. You can also take your first steps towards a career in journalism, radio or broadcasting by getting involved with student media.

Give back

The Union supports the local community through volunteering, fundraising and sports programmes. Volunteers can participate in one-off and on-going opportunities with charities and not-for-profit organisations. Volunteering groups, set up by students, deliver projects in local hospitals, schools, community centres and more. Raise and Give (RAG) raises thousands of pounds each year for student-nominated charities and offers the chance for students to plan their own events and fundraising campaigns.

The Union also has a Community Sport programme, where students are trained as sports coaches and referees, delivering a range of sports both on- and off-campus for the local community.





OUR STUDENTS' UNION

Stay active

Get Active is the Union's turn-up-and-play social sports programme, offering a large range of fun sports and activities at affordable prices. Activities include swimming, badminton, fencing, diving, cheerleading and more, as well as a women-only timetable. You can also create a team with your friends, course mates or student group to compete in basketball, football, netball, squash and cricket sport leagues.

Develop your skills

Getting involved in student groups and representation is a great way to develop your skills and employability but if you want to take it to the next level, the Queen Mary Skills Award is here to help. Students who take on leading, representative and/or student staff roles in the Union can take part in this training and accreditation programme. The Award helps you to understand and market to employers the skills you've gained through Union activities.

Hey Buddy

Settling into university can be a scary experience, but not when you've got a buddy. The Union Buddy Scheme matches current Queen Mary students (mentors) with new first-year students (mentees) to give new students a chance to get to know other people on their course, as well as gaining tips and advice about university life from experienced mentors.

Visit, eat and shop

You can eat, drink and shop in the Union's bars, restaurants, cafés and shops. By day, Drapers Bar and Restaurant (Mile End) and The Griff Inn Bar and Kitchen (Whitechapel) serve quality food and snacks suited to a range of dietary requirements; by night, each venue transforms for club nights, comedy nights, pub quizzes and more.

We produce a range of QMUL-branded clothing too, including hoodies and T-shirts, which you can find on sale at Infusion or the Village Shop, both at Mile End. You can also buy stationery, food and drinks here. For hot drinks, sandwiches, snacks and relaxing social spaces, visit Mile End's Ground Café, the Learning Café in the Mile End Library, or the Shield at Charterhouse Square campus.



Sport and fitness

Qmotion is the Union's sport and fitness centre at Mile End campus. The gym is equipped with the latest facilities, holds a wide range of group exercise classes, and offers a number of additional services such as personal training. The Union also operates Fitness to Practice, a smaller gym at Charterhouse Square.

Other facilities

The Union offers a range of other facilities including bookable rooms for student groups, social spaces to chill out and relax in, and a multi-faith space for prayer and contemplation.

Entertainment

The Union runs a lively events programme offering a range of activities including day trips, live music, club nights, spoken word events and more. Some past favourites include gala balls, language lessons, graffiti painting and a floating cinema. The Union's student groups also run a variety of events too, so there's always something to do.



qmsu.org

 @QMSU

 Queen Mary Students' Union (QMSU)

 qmsu

ACCOMMODATION

QMUL students come to us from across the UK and all over the world. Our campuses are communities in their own right and bring together students from many disciplines to study and socialise. Mile End campus is the home of our Student Village and this, along with our other halls, offers around 2,000 spaces for both undergraduates and postgraduates. Mile End is a self-contained residential campus. It's fun, safe and convenient – you'll only be a five-minute walk to your lectures – so it's perfect for those 9am starts. Campus living also offers a great, and affordable, chance to live in London.

All of our accommodation is in self-catered flats and maisonettes. We also have dedicated halls for medical and dental students situated in Dawson Hall at the Charterhouse Square campus and in Floyer House at the Whitechapel campus. For virtual tours and full details of the accommodation options, including prices, visit: residences.qmul.ac.uk

Applying for our accommodation

The Admissions Office will send you full details on how to apply for a place in our housing once you have firmly accepted an offer to study here*. To check for housing deadlines and eligibility, visit: residences.qmul.ac.uk/college/application

What is my accommodation likely to cost?

Here are some guideline housing prices – the prices quoted are for the academic year 2016/17. Rent is payable termly in advance:

- **Mile End residences** – rents for single rooms range from £127–£190 per week, including all utility costs and Wi-Fi.
- **Dawson Hall and Floyer House** – rents from single rooms range from £127–£163 per week, including all utility costs and Wi-Fi.
- **Privately rented accommodation** – student rents in the local area in shared flats and houses typically range from £110–£160 per week. There are also a number of privately run student halls in the area, with room rates

from £225 upwards. The higher rents in these purpose-built developments reflect their very high standards, with most rooms being self-contained studios.

We review our rents annually. Current prices can be found at: residences.qmul.ac.uk/college/fees

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 privately 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

residences.qmul.ac.uk



See what it's like:

for virtual tours of our rooms and full details of your accommodation options, visit: residences.qmul.ac.uk



View of France House hall of residence, Mile End campus, taken from the Regent's Canal tow path

HOW WE SUPPORT YOU

No matter how much you know, there will always be times when you need help – and we are here for you. We have a huge range of support to help you get the most out of life as a student and achieve your full potential.

Supporting your studies


- **Your personal tutor:** your tutor is there for you to discuss your academic progress but they can also be a great source of information on the other services we have available. They can refer or recommend you to other support services as well.
- **Student Support Officer:** our academic schools have dedicated Student Support Officers, who can give you additional advice and support with your studies.
- **Disability and Dyslexia Service:** we provide support for all students with disabilities, specific learning difficulties and mental health issues. You can seek advice from us (and register with us) as soon as you have applied – and throughout your studies at Queen Mary.
See: dds.qmul.ac.uk
- **Learning Development:** the Learning Development team works with students at any level from any subject discipline, undergraduate or postgraduate, to become more effective in their academic work. We can help with aspects of study including reading effectively, writing, exam technique, revision, note-taking, time-management, critical thinking, avoiding plagiarism, presentation skills and group work. Throughout the year we run one-to-one tutorials, drop-ins, retreats and various workshops. We also host the Royal Literary Fund (RLF) Writing Fellows.
See: learningdevelopment.qmul.ac.uk
- **Language Centre:** we give you the opportunity to learn a language and so enhance your employment prospects. We can also help you with your studies if English isn't your first language.
- **Libraries:** our library staff offer expert advice on our collections and use of our facilities, answering questions at point of need. Our self-service options (eg self-issue and returns) allow us to spend more time identifying various ways to support your learning.
See: library.qmul.ac.uk

- **Student Enquiry Centre:** a general enquiry service and front-of-house for Academic Registry and Admissions, handling enquiries such as letter and transcript requests, student ID cards, bursary/scholarship information and general records, awards and exam queries. See: arcs.qmul.ac.uk/students

- **PASS:** our Peer Assisted Study Support scheme is a course-based mentoring scheme, where first-year students have the opportunity to explore their problems with higher-year students (mentors) in a friendly, informal environment, to help them settle into university life, their department and their studies.
- **IT services:** we place great importance on providing you with modern computing facilities for your studies. We have over 1,500 student PCs and great IT support.
- **QMSU:** our Student Union's Academic Advice Service offers advice and representation on a number of academic welfare issues, including applications for extenuating circumstances and appeals.

Supporting your wellbeing

- **Advice and Counselling Service:** our Welfare Advisers have specialist training to offer you advice on a range of financial, welfare and legal issues, including immigration advice for international students. We also offer a comprehensive counselling service to support you through any personal or emotional difficulties you may experience.
See: welfare.qmul.ac.uk
- **Buttle UK support:** we offer pre- and post-entry support for students in or from care, including advice about welfare, finance, careers and accommodation. We tailor this to your needs. Email us for more information: wp-enquiries@qmul.ac.uk
- **Residences welfare support:** living in halls can be really rewarding – and occasionally challenging. If you have any queries, you can always talk to your Steward or contact Residential Support and Pastoral Care.
- **Student Health Service:** we have an NHS Student Health Service available on campus if you live in our halls of residence, or off campus but within Tower Hamlets. For more information on how to access healthcare services regardless of where you live, visit: studenthealth.qmul.ac.uk

- 
- **Faith at QMUL:** with a wide variety of faiths among QMUL staff and students, our faith facilities are designed to be places where people of all faiths are welcome. Our Multi-Faith Centre at Mile End is used for prayer, worship and quiet reflection. St Benet's is a Christian chapel and a meeting place open to all students and staff, regardless of their religion and beliefs. Informal confidential pastoral support is also available through our chaplains. See: faith.qmul.ac.uk

- **Music:** music is central to cultural provision at QMUL and prospective students can apply for music scholarships to cover music tuition fees. We encourage you to participate in and experience music, with an increasing number of outstanding events in QMUL's magnificent spaces. Ensembles include orchestras, choirs, an a cappella group, a big band and jazz ensemble, world music ensembles and improvisation groups. For further information, please visit: music.qmul.ac.uk

Supporting you abroad

- **Learning the language:** not all of our partner universities offer programmes taught in English; even where they do, we encourage you to learn the language of your host country. We offer a range of language support before you go abroad in languages such as Arabic, Chinese (Mandarin), French, German, Japanese and Spanish.



One of our Student Ambassadors
helping out at Welcome Week



HOW WE SUPPORT YOU

Supporting our international students

As well as the information and advice we offer to all of our students, we offer our international students specific advice on money, immigration and other practical aspects of coming to live and study in the UK. We also run an International Student Welcome Programme.

- **English language support:** all teaching at Queen Mary is in English, so a good command of the language is essential for success in any subject. We provide a number of language programmes to help you get the most out of your programme and improve your language proficiency throughout your studies. In the June to September before you start your studies with us, we arrange a programme of pre-sessional English language courses for students who wish to improve their proficiency in English before starting university.
- **Foundation programmes:** we offer a one-year pre-undergraduate foundation course for international students in Humanities and Social Sciences and Science and Engineering. For more information, see page 46.
- **Additional support throughout your degree:** we support your English skills throughout your studies, with a free programme of courses, workshops and tutorials during the academic year. These will help you with areas such as academic writing, grammar and vocabulary, lecture comprehension, seminar skills and general English. We also offer support with academic study skills such as time management, revision, and exam technique.
- **Welcome Programme:** our International Student Welcome Programme will help you feel at home straight away. We provide a free airport collection service and offer practical advice about living and

studying in London, as well as putting on a number of social events such as our international student boat party down the River Thames, and an east London walking tour. We also work with our Events team and the Students' Union to put on a programme of social events for international students throughout the year.

- **International Week:** our Students' Union runs this series of events to celebrate the world cultures of the people who make up the QMUL community.
- **Accommodation:** Queen Mary has over 2,000 rooms available to international students studying at all academic levels. For more information, please see page 30.

Supporting you financially

We remain faithful to our roots as a philanthropic centre bringing education and culture to our community. We offer a generous package of bursaries and scholarships that benefits around 50 per cent of our undergraduate intake, ensuring that the brightest students receive a first-class education, regardless of their background.

Queen Mary bursaries

You do not need to make a special application to Queen Mary for our bursaries. If you have applied to Student Finance England for income-assessed support and have given your consent for your information to be shared with Queen Mary, we will automatically have enough information to assess your eligibility for a bursary. For a full list of our bursaries and up-to-date information, please see: qmul.ac.uk/undergraduate/feesandfunding

You can also contact the Bursaries, Grants and Scholarships Office:
Tel: +44 (0)20 7882 5079
email: bursaries@qmul.ac.uk
arcs.qmul.ac.uk/bursaries

Queen Mary Excellence Scholarships

QMUL has a wide range of generous merit-based scholarships for home and international students. For the latest information, please see: qmul.ac.uk/undergraduate/feesandfunding

GLOBAL OPPORTUNITIES

During your studies at QMUL, there are plentiful opportunities to go abroad. You can study abroad with one of our exchange partners, work abroad, take part in one of our summer opportunities or go overseas with field trips and academic visits.

These global opportunities allow you, during your QMUL degree, to join an international community of scholars and students and give you the chance to meet people from all over the world. You will gain international perspective and your experience will be highly valued by employers in the global jobs market.

International Exchange Programme

Our International Exchange Programme (IEP) gives you the opportunity to spend a year or the autumn semester at one of our prestigious partner universities in Australia, Canada, the USA, Singapore, New Zealand, Hong Kong, Japan, China or South Korea. Your international studies will count towards your QMUL degree.

The International Exchange Programme is open to QMUL undergraduates with the exception of those studying biomedical sciences, chemistry, law, dentistry or medicine.

Students who go on the IEP as part of their existing degree will usually go abroad in year two, for those studying a three-year degree. If you are studying for a four-year degree, you can go abroad in either your second or third year.

For those studying an extended degree scheme with an additional Study Abroad year, you will usually go abroad in your third year of study.

The IEP is a highly competitive programme, and to apply you must have joined QMUL with at least three grade Bs at A-level or equivalent. All applicants will need to demonstrate to their academic department that they have found a suitable course at a partner university that is academically compatible with their QMUL degree.

To find out more, visit: qmul.ac.uk/undergraduate/exchange



If you have any questions or if you would like further information, please contact:

Harry Gibney
International Exchanges Officer
Room E09, Queens' Building
email: h.gibney@qmul.ac.uk

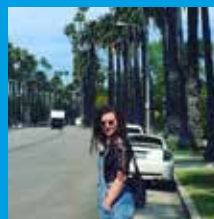


What tuition fees will I pay?

If you study abroad for the full academic year, your tuition fee will be 15 per cent of the full-time rate for students who qualify for the Home/EU tuition fee classification at QMUL. Students who have been classified as Overseas for tuition fee purposes at QMUL and go abroad for the full academic year will pay 50 per cent of the full-time rate. If you are going abroad for part of an academic year (one semester), and you will be spending at least 10 weeks at QMUL, you will be liable for all of the QMUL tuition fee. You will not pay an additional tuition fee to the overseas institution. All living costs such as travel, accommodation, living expenses, health insurance, campus charges etc must be met by the student.



Here's what some previous participants have said about their time on the programme:



"Overall, I wouldn't change my study abroad experience for the world and I have come back feeling like a more independent, well-travelled and world-ready person

than before. So much so that I am hoping to move back to California after graduation!"

Sophie Brennan

University of California, International Exchange Programme (2016)



"As a politics student, among others, who has been obsessed with US politics and this presidential election for far too long than I would like to admit, coming to the States

in such a monumental time in political history, could only make me scream with excitement"

Malina Ioana Mindrutescu

Boston College, International Exchange Programme (2016)



How long can I go abroad for?

We offer a range of different options for QMUL students, depending on your degree scheme and what your academic school offers. QMUL offers short-term summer programmes overseas (as short as two weeks), semester and year options as part of your degree, so you graduate at the same time as the rest of your academic year. Some academic schools have the option to extend your degree scheme to a four-year option with a year abroad: you can find more details of this on our website: qmul.ac.uk/undergraduate/exchange

GLOBAL OPPORTUNITIES

Erasmus+ Exchange Programme

Funded by the European Union, the Erasmus+ Programme is the largest programme of its kind in the world, and gives many students their first chance to study or work abroad.

With almost 100 exchange agreements across Europe, most academic departments at QMUL participate in the programme. Depending on your degree, you can spend a semester or a year studying at one of our prestigious Erasmus+ partner universities. You can also opt to undertake work placements abroad if this is part of your degree. Your time abroad will count towards your QMUL degree.

If you join the programme, you will be eligible for a grant, which in 2016/17 ranged from €280 to €430 per month, depending on where you went and the nature of your placement. Students from lower income backgrounds who undertake a study placement will receive an enhanced grant (an extra €100 per month in 2016/17).

Even though you can study in English at most of our partner universities, improving your language skills or learning a new language is a key benefit of taking part

in the programme. The programme offers free online language courses in French, German, Italian, Spanish, Portuguese, Polish, Czech, Danish, Greek and Swedish, and QMUL also offers a wide range of language courses that you can undertake as preparation for your time on the programme.

Erasmus+ is an experience that will stay with you for life. Your intercultural and language skills will improve, your interpersonal skills and confidence will grow, and you will develop other attributes that are greatly valued by employers. An Erasmus+ experience will really help you to stand out in the job market, not to mention give you a great network of friends and some fantastic opportunities to travel.

To find out more, visit:

qmul.ac.uk/undergraduate/erasmus

or contact:

Wiebke Leugers
Erasmus+ Officer
Room CB108, Queens' Building
email: w.leugers@qmul.ac.uk

Here's what some previous participants have said about their time on the programme:



"A year abroad is one of the most exciting and life-changing things you can do as a student. You will no doubt make some amazing friends and see lots of incredible places... I've loved my time here so far"

Ellen Roberts-James, English and French BA (2018), Université d'Avignon, France



"The Summer School programme has been such an enriching experience, discovering more of the city of Shanghai, understanding the legal culture of Shanghai by visiting courts and law firms, attending lectures on Chinese law to gain a better understanding of the law here. The Summer School Programme is definitely an experience not to be missed, and I would recommend it to anyone wishing to undertake it"

Stanley Chew, East China University of Political Science and Law Summer School (2016)



International Partner Summer School Programme

QMUL has a wide range of partnerships with universities around the globe. Some of these are based on joint research projects, others staff and student exchange programmes. We also teach four major undergraduate degree programmes in China, with around 2,500 students studying towards QMUL degree awards in Beijing and Nanchang.

The International Partner Summer School Programme builds upon these relationships, enabling QMUL students to take part in summer school programmes run by our partners around the world. You could find yourself taking Chinese Mandarin classes in Shanghai; getting involved in innovative social outreach projects in Medellin, Colombia; immersing yourself in Chinese culture in Chengdu; learning about the history of languages in Kerala, India; and a variety of other exciting options.

The programmes vary in location, content, length and cost, so there should be something that appeals to your interests. There are often scholarships available to participants.

To find out more, visit: qmul.ac.uk/international/study-abroad-opportunities

Want to know more about your global opportunities at QMUL?

Contact us:

Global Opportunities Office

Room E09, Queens' Building

email: study-abroad@qmul.ac.uk

Tel: +44 (0)20 7882 5075

Follow us on Facebook and Twitter:



@QMULStudyAbroad



qmulgo

According to a recent study by the European Commission, 64% of employers think international experience is important for recruitment and say graduates with an international background are given greater professional responsibility

SUBJECT AREAS

Foundation programmes

Certificate in Clinical Foundation Studies Malta (CCFSM) 49

International Foundation Programme in Business and Management 46

International Foundation Programme in Humanities and Social Sciences 46

International Science and Engineering Foundation Programme (ISEFP) 48

Science and Engineering Foundation Programme (SEFP) 48

[Related programmes](#) 51

Accounting

See Business and management

Biological and biomedical sciences

Biochemistry BSc, MSci 55

Biochemistry with a Year in Industry/Research BSc 55

Biology BSc 55

Biomedical Sciences BSc 56

Environmental Science BSc 56

Genetics BSc 57

Medical Genetics BSc 57

Neuroscience BSc 57

Pharmacology and Innovative Therapeutics BSc 58

Zoology BSc 59

[Related programmes](#) 59

[Life sciences-related programmes](#) 59

Business and management

Accounting and Management BSc 63

Business Management BSc 63

Marketing and Management BSc 63

[Related programmes](#) 65

Catalan language

See Languages and cultures

Chemical sciences

Biochemistry BSc, MSci 69

Biochemistry with a Year in Industry/Research BSc 69

Chemistry BSc, MSci 69, 70

Chemistry with a Year in Industry/Research BSc 70

Pharmaceutical Chemistry BSc, MSci 70

Pharmaceutical Chemistry with a Year in Industry/Research BSc 71

Pharmacology and Innovative Therapeutics BSc 71

[Life sciences-related programmes](#) 73

Comparative literature

Comparative Literature BA 77

Comparative Literature:

– French and ... BA 78

– German and ... BA 78

– Hispanic Studies and ... BA 78

– History and ... BA 78

– Russian and ... BA 78

Comparative Literature and Film Studies BA 77

Comparative Literature and Linguistics BA 77

[Related programmes](#) 79

Computer science

Computer Science BSc, MSci, with Industrial Experience 83

Computer Science with Business Management BSc, with Industrial Experience BSc 84

Computer Science with Business Management and Accounting BSc, with Industrial Experience 84

Computer Science and Mathematics BSc, with Industrial Experience 84

Computer Science and Multimedia BSc, with Industrial Experience BSc 83

Computer Systems Engineering BEng, MEng 85

Computer Systems Engineering with Industrial Experience BEng	85	Economics and International Finance BSc(Econ)	111
Software Engineering for Business BSc	85	Economics and Politics BSc(Econ)	111
Software Engineering for Business with Industrial Experience BSc	85	Economics, Finance and Management BSc(Econ)	110
Related programmes	87	Economics, Statistics and Mathematics BSc(Econ)	111
Dentistry		Related programmes	113
Dentistry BDS	91	Electrical, electronic and robotics engineering	
Life sciences-related programmes	91	Computer Systems Engineering BEng, MEng	117
Design		Computer Systems Engineering with Industrial Experience BEng	117
Creative Computing BSc(Eng)	97	Electrical and Electronic Engineering BEng	117
Creative Computing with Industrial Experience BSc(Eng)	97	Electrical and Electronic Engineering with Industrial Experience BEng	117
Design, Innovation and Creative Engineering BEng, MEng	95	Electronic Engineering BEng	118
Materials and Design BEng	95	Electronic Engineering with Industrial Experience BEng	118
Materials and Design with Industrial Experience BEng	95	Electronic Engineering and Telecommunications BEng, MEng	118
Related programmes	99	Electronic Engineering and Telecommunications with Industrial Experience BEng	118
Drama		Robotics Engineering MEng	119
Drama BA	103	Robotics Engineering with Industrial Experience MEng	119
Drama:		Related programmes	121
– English and ... BA	103	Electronic engineering	
– Film Studies and ... BA	103	See Electrical, electronic and robotics engineering	
– French and ... BA	105	Engineering	
– German and ... BA	105	Aerospace Engineering BEng, MEng	125
– Hispanic Studies and ... BA	105	Aerospace Engineering with Industrial Experience BEng, MEng	125
– Russian and ... BA	105	Biomedical Engineering BEng, MEng	126
Related programmes	105	Biomedical Engineering with Industrial Experience BEng, MEng	126
Economics and finance		Chemical Engineering BEng, MEng	125
Economics BSc(Econ)	109		
Economics and Finance BSc(Econ)	109		
Economics and Finance with a Year in Industry BSc(Econ)	110		

SUBJECT AREAS

Chemical Engineering with Industrial Experience BEng, MEng	125	Film Studies and French BA	139
Mechanical Engineering BEng, MEng	126	Film Studies and German BA	139
Mechanical Engineering with Industrial Experience BEng, MEng	126	Film Studies and Hispanic Studies BA	139
Robotics Engineering BEng, MEng	127	Film Studies and Russian BA	139
Robotics Engineering with Industrial Experience BEng, MEng	127	Related programmes	141
Sustainable Energy Engineering BEng, MEng	127	Finance	
Sustainable Energy Engineering with Industrial Experience BEng, MEng	127	See Business and management	
Related programmes	129	See Economics	
English		See Mathematics	
English BA	133	French	
English and Creative Writing BA	133	See Languages and cultures	
English and Drama BA	134	Geography and environmental science	
English and Film Studies BA	135	Environmental Science BSc	147
English and French BA	134	Environmental Science with Business Management BSc	147
English and German BA	134	Geography BA, BSc	145
English and Hispanic Studies BA	134	Geography with Business Management BSc	146
English and History BA	133	Human Geography BA	146
English and Russian BA	134	Related programmes	149
English Literature and Linguistics BA	134	German	
Related programmes	135	See Languages	
Environmental science		Global health	
See Geography		Global Health BSc	153
Film studies		Related programmes	153
Film Studies BA	139	Life sciences-related programmes	153
Film Studies:		Hispanic studies	
– Comparative Literature and ... BA	140	See Languages and cultures	
– English and ... BA	140	History	
– History and ... BA	141	History BA	158
Film Studies and Drama BA	140	History:	

– English and ... BA	160	French Studies BA	177
– French and ... BA	159	German BA	171
History and Comparative Literature BA	160	German	
History and Film Studies BA	158	– English and ... BA	175
History and German BA	159	– Film Studies and ... BA	174
History and Politics BA	159	– History and ... BA	175
Law with History LLB	161	German with Business Management BA	173
Medieval History BA	158	German and Comparative Literature BA	173
Modern and Contemporary History BA	158	German and Drama BA	176
Related programmes	161	German and Hispanic Studies BA	172
Information technology		German and Linguistics BA	174
Information Technology Management for Business (ITMB) BSc(Eng)	165	German and Politics BA	176
Information Technology Management for Business (ITMB) with Industrial Experience BSc(Eng)	165	German and Russian BA	172
Related programmes	167	Hispanic Studies BA	171
International relations		Hispanic Studies:	
See Politics		– English and ... BA	175
		– Film Studies and ... BA	174
		Hispanic Studies and Catalan BA	172
		Hispanic Studies and Comparative Literature BA	173
		Hispanic Studies and Drama BA	176
		Hispanic Studies and Linguistics BA	174
		Hispanic Studies and Politics BA	176
		Hispanic Studies and Portuguese BA	172
		Hispanic Studies and Russian BA	172
		Hispanic Studies with Business Management BA	173
		Russian BA	172
		Russian:	
		– English and ... BA	175
		– Film Studies and ... BA	174
		Russian with Business Management BA	173
		Russian and Comparative Literature BA	173
		Russian and Drama BA	176
Languages and cultures			
French BA	171		
French:			
– English and ... BA	175		
– Film Studies and ... BA	174		
French with Business Management BA	173		
French and Comparative Literature BA	173		
French and Drama BA	176		
French and German BA	172		
French and Hispanic Studies BA	172		
French and History BA	175		
French and Linguistics BA	174		
French and Politics BA	176		
French and Portuguese BA	172		
French and Russian BA	172		

SUBJECT AREAS

Russian and Linguistics BA	174	Mathematical sciences	
Russian and Politics BA	176	Financial Mathematics MSci	201
Related programmes	177	Mathematics BSc, MSci	199, 201
Law		Mathematics and Statistics BSc	199
English and European Law LLB	183	Mathematics, Business Management and Finance BSc	200
Law LLB	181	Mathematics, Statistics and Financial Economics BSc	201
Law with History BA	183	Mathematics with Actuarial Science BSc	200
Law and Politics BA	181	Mathematics with Actuarial Science with Professional Placement BSc	200
Law: Senior Status LLB	181	Mathematics with Business Management BSc	200
Related programmes	185	Mathematics with Finance and Accounting BSc	201
Linguistics		Mathematics with Statistics MSci	203
Linguistics:		Pure Mathematics BSc	199
– Comparative Literature and ... BA	189	Related programmes	203
– English Language and ... BA	188	Mechanical engineering	
– English Literature and ... BA	188	See Engineering	
– French and ... BA	188	Medical engineering	
– German and ... BA	188	See Engineering	
– Hispanic Studies and ... BA	188	See Materials science and engineering	
– Russian and ... BA	188	Medicine	
Related programmes	189	Medicine MBBS	207
Materials science and engineering		Medicine – Graduate Entry Programme MBBS	207
Biomaterials for Biomedical Sciences BSc, MSci	194	Medicine (Malta) MBBS	208
Biomaterials for Biomedical Sciences with Industrial Experience BSc, MSci	194	Life sciences – subjects underpinning medicine	212
Dental Materials BEng, MEng	193	Physics and astronomy	
Dental Materials with Industrial Experience BEng, MEng	193	Astrophysics BSc, MSci	217
Materials Science and Engineering BEng BSc, MEng	193	Physics BSc, MSci	217
Materials Science and Engineering with Industrial Experience BEng, MEng	193	Physics with Particle Physics BSc, MSci	219
Related programmes	195	Theoretical Physics BSc, MSci	219
Life sciences-related programmes	195	Related programmes	221

Politics and international relations

International Relations BA	225
International Relations with a Year Abroad BA	226
Politics BA	225
Politics and International Relations BA	225
Politics:	
– Economics and ... BSc(Econ)	226
– French and ... BA	227
– German and ... BA	227
– Hispanic Studies and ... BA	227
– History and ... BA	227
– Law and ... BA	228
– Russian and ... BA	227
Politics with a Year Abroad BA	226
Politics with Business Management BA	226
Related programmes	229

Portuguese

See Languages and cultures

Psychology

Psychology BSc	233
Life science-related programmes	233

Russian

See Languages and cultures

Spanish (Hispanic studies)

See Languages and cultures

FOUNDATION PROGRAMMES



QMUL has established, successful foundation programmes that provide an alternative route onto undergraduate degrees. We offer:

- an International Foundation Programme in Business and Management (for international and EU students)
- an International Foundation Programme in Humanities and Social Sciences (for international and EU students)
- an International Science and Engineering Foundation Programme (ISEFP) (for international and EU students)
- a Science and Engineering Foundation Programme (SEFP) (for UK and EU students)
- a Certificate in Clinical Foundation Studies Malta (CCFSM).

Apart from the CCFSM, all of these programmes are taught on our Mile End campus by QMUL staff, many of whom are also involved in teaching other undergraduate and postgraduate courses at the university. As a foundation student on these London-based programmes, you will have access to all of the university's facilities and will be a full-time student at QMUL.

You will benefit from:

- a wide range of modern accommodation located on campus
- studying at a campus-based university within easy reach of all of London's attractions
- full access to all student facilities (academic, welfare, IT, library, social and sport)
- experienced and well-qualified teaching staff
- the opportunity to move on to undergraduate degrees in a wide range of subjects
- specifically designed pastoral and academic support.

International Foundation Programme in Business and Management

Our International Foundation Programme in Business and Management offers a route to undergraduate degrees in management- and business-related subjects.

HIGHLIGHTS

- A wide range of subjects across humanities, social sciences, science and engineering.
- A high rate of progression on to chosen degrees at QMUL or at other high-ranking universities.
- A high level of academic and personal support to prepare you for undergraduate degree studies.

Business and Management foundation students take modules in Management, Marketing, and Accounting as well as one elective from Literature, Film, Politics, History, Geography, French, Spanish, or Japanese. The programme is fully integrated within the university and, with all modules taught by QMUL academic staff, leads smoothly on to a degree programme with Queen Mary's prestigious School of Business and Management.

International Foundation Programme in Humanities and Social Sciences

We offer a one-year pre-undergraduate foundation programme that prepares you for a degree in a number of disciplines in the humanities and social sciences, including business management, law, economics and finance, film, geography, history, international relations, politics, comparative literature, languages and linguistics. The academic modules include Business, Economics, Mathematics, Geography, History, International Relations and Politics, a number of foreign languages, as well as two new modules: Film Studies, and an Introduction to English and American Literature, as well as a number of foreign languages, including French, Spanish, and Japanese.

The programme includes academic and study skills modules taught by QMUL academic staff, which provide high-quality preparation for the demands of university-level study. On successful completion of the programme at the required level, you are guaranteed progression onto undergraduate degrees at QMUL or you may choose to apply for undergraduate degrees at other UK universities. You can choose to start your studies in September or January.



Thinking back, my career journey all started from the ISEFP, which has provided me with both soft skills and technical skills. Not only I have used these skills throughout my degrees but I also use them on a daily basis

Mehdi Moukhfi, ISEFP (2009),
Aerospace Engineering BEng (2012)



FOUNDATION PROGRAMMES

International Science and Engineering Foundation Programme (ISEFP)

One of the oldest pre-undergraduate foundation programmes in the UK, the ISEFP is taught on the QMUL campus. The ISEFP starts in September and students apply directly to QMUL.

This one-year foundation programme offers a pathway to a range of undergraduate degrees in science (biology, chemistry, computer science, mathematics, physics, neuroscience and psychology) and engineering (aerospace, electrical, electronic, mechanical, and sustainable energy).

Taking into account that ISEFP students are recruited from more than 50 countries and therefore have experienced different school curricula, the ISEFP includes Academic English and study skills modules that provide high-quality preparation for the demands of undergraduate degree studies.

On successful completion of the ISEFP at the required level, you are guaranteed progression onto undergraduate degrees at QMUL. The majority of ISEFP students progress onto degree studies at QMUL but students may also choose to study at another UK or USA university.

Science and Engineering Foundation Programme (SEFP)

Available to UK/EU students, this one-year programme is offered as part of a four-year degree (1+3). It is designed to equip you with the skills and knowledge necessary to undertake undergraduate degrees in the fields of science and engineering.

You must apply via [UCAS.com](https://www.ucas.com) and may also be considered for a place on the SEFP via UCAS Clearing.

On successful completion of the programme, you may be able to proceed onto a degree (usually a BSc/BEng) offered by the following Schools at QMUL: Biological and Chemical Sciences, Electronic Engineering and Computer Science, Engineering and Materials Science, Mathematical Sciences, and Physics and Astronomy.

Karim Jivani

Studied: International Foundation Programme in Humanities and Social Sciences (IFP)

Currently: I'm in the second year of my Law LLB at QMUL.

Can you tell us what it's like to be an IFP student?

The IFP student body is truly international. Everyone has a lot of knowledge and information to share, and we do not learn from the teachers alone but from our fellow students as well. Everyone is extremely friendly and welcoming, making the process of settling in very easy and relaxed.

Tell us a little about your programme...

The IFP at Queen Mary is perhaps the best and most well-rounded programme a student can undertake to prepare for undergraduate studies. Not only are we able to choose a combination of modules that is tailored specifically to develop the skills we need for our chosen undergraduate course, we are also guided and given support along the way by experienced lecturers and staff, who provide valuable advice and insight regarding anything we may have questions about, from university choices to the structure of a written piece of work.

Entry requirements

International Foundation Programme in Business and Management

As a minimum, applicants require a good high school leaving certificate and a reference letter from a teacher. However, conditional offers for admission may vary.

A minimum English proficiency level of IELTS 6.0 (minimum 5.5 in all elements) or equivalent is required for the programme.



As a foundation student, you will have access to all of the university's facilities – including campus accommodation and will be a full-time student at Queen Mary University of London

International Foundation Programme in Humanities and Social Sciences

As a minimum, applicants require a good high school leaving certificate and a reference letter from a teacher. However, conditional offers for admission may vary.

A minimum English proficiency level of IELTS 6.0 (minimum 5.5 in all elements) or equivalent is required for the programme. The Introduction to English and American Literature module requires IELTS 6.5 or equivalent.

International Science and Engineering Foundation Programme (ISEFP)

International students should have completed high school studies, with good grades. Further, A-levels or the IB certificate/diploma may also be considered as admission qualifications. Qualifications must include the study of science and maths in the final year of study.

An English proficiency level of IELTS minimum 5.0 overall with a minimum of 5.0 in all four sections is required.

Science and Engineering Foundation Programme (SEFP)

UK/EU applicants must typically have passes in three relevant subjects at A2-level at minimum grade C to be considered for entry. However, conditional offers for admission onto the SEFP do vary, according to the degree that candidates wish to study after their foundation year, and may be significantly higher than the minimum requirement. For more details, please see the relevant academic school website.

A minimum English proficiency level of IELTS 6.0 (minimum 5.5 in all elements) or equivalent is required for the programme.

Certificate in Clinical Foundation Studies Malta (CCFSM)

QMUL's Barts and The London School of Medicine and Dentistry has launched a one-year medicine foundation programme in Malta. Upon successful completion of the programme, you will be expected to progress to the five-year Medicine MBBS Malta programme. Barts is a leading UK Medical School ranked second in the UK for Medicine (*Guardian University Guide*, 2017).

The programme is taught in English and is only suitable for students from a country where the education system finishes at the equivalent level to the UK's Year 12 (age 16–17). This programme will provide you with an extra year of study to bring your educational attainment to the level of a UK Year 13 (age 17–18), which is required for entry onto the Medicine MBBS Malta. The programme includes academic and study skills modules taught by Queen Mary academic staff, and also provides high-quality preparation for the demands of university-level study.

Malta is a beautiful country filled with warm and welcoming people and, as you'd expect from a nation with a 7,000-year old history, Malta has a solid academic tradition and an impressive scholarly community considering the country's size. You'll join fellow international students and study medicine in a welcoming, supportive, intellectual environment.

Please see page 208 for more information about studying in Malta and the five-year Medicine MBBS Malta programme. For detailed information about progression requirements, fees and living and studying in Malta please visit the website smd.qmul.ac.uk/qmulmalta

CCFSM entry requirements

We consider students with a number of European and international grades/qualifications. For more details, please visit: smd.qmul.ac.uk/qmulmalta for all accepted grades/qualifications.

English language requirement

IELTS: 6.5 overall on entry with a minimum of 6.0 in writing.

Aptitude test All candidates must sit the UK Clinical Aptitude Test (UKCAT).

Selection criteria for interview

Selection for interview will be based on meeting our academic entry criteria, meeting a minimum requirement in the UKCAT and on the basis of your IELTS score. You will be expected to be able to show the following characteristics at interview:

- self-motivation
- initiative
- the ability to interact/socialise with others
- experience of interacting with people in health or social care settings.



The university provided ample support starting by holding a conference in Abuja to debrief us on the Visa process, the course, applications to university and life as a QMUL student. We also had an airport pickup service, information on accommodation both on and off campus, and a lot of volunteers to help new students settle in

Seun Akingbogun, International Science and Engineering Foundation (2011)



FOUNDATION PROGRAMMES

RELATED PROGRAMMES

Our foundation programmes offer pathways onto a range of degrees in:

Biological sciences	52
Business and management	60
Chemical sciences	66
Comparative literature	74
Computer science	80
Economics and finance	106
Electronic engineering	114
Engineering	122
Film studies	136
Geography	142
History	154
Languages and cultures	168
Linguistics	186
Materials science	190
Mathematics	196
Medicine	204
Physics	214
Politics and international relations	222

FIND OUT MORE

Our programmes

Certificate in Clinical Foundation Studies Malta

smd.qmul.ac.uk/qmulmalta

International Foundation Programme in Business and Management: language-centre.sllf.qmul.ac.uk/ifpbm

International Foundation Programme in Humanities and Social Sciences: language-centre.sllf.qmul.ac.uk/ifp

Science and Engineering

- International applicants, visit: isefp.qmul.ac.uk
- UK/EU applicants, visit: sefp.qmul.ac.uk

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

All applicants apply directly to QMUL.

The application deadline is 31st March for entry in the same year.

International Foundation Programme in Business and Management

International and EU applicants should apply via ucas.com or directly to the university online or online at: language-centre.sllf.qmul.ac.uk/apply-ifp

International Foundation Programme in Humanities and Social Sciences

International and EU applicants should apply via ucas.com or directly to the university online or by post.

International Science and Engineering Foundation Programme (ISEFP)

Applications may be made directly to the university: online, via email or via a QMUL-appointed education agent.

Science and Engineering Foundation Programme (SEFP)

Applications from UK/EU students for entry to the SEFP must be made through ucas.com

The programme code that you select depends on the subject area of the degree programme that you wish to follow after the foundation year. Please visit qmul.ac.uk/undergraduate/foundation for further details.

General enquiries

International Foundation Programme in Business and Management

Tel: +44 (0)20 7882 2826/8918

email: foundationprogrammes@qmul.ac.uk

International Foundation Programme in Humanities and Social Sciences

Tel: +44 (0)20 7882 2826/8918

email: foundationprogrammes@qmul.ac.uk

International Science and Engineering Foundation Programme (ISEFP)

Tel: +44 (0)20 7882 2761/2766

email: sefp-admissions@qmul.ac.uk

Science and Engineering Foundation Programme (SEFP)

Home/EU students, SEFP Administrative Team

Tel: +44 (0)20 7882 7960,

email: sefp@qmul.ac.uk

BIOLOGICAL AND BIOMEDICAL SCIENCES

Our programmes at QMUL span the whole of the biological and biomedical sciences, from the study of whole organisms (including humans) to molecular biology. Those interested in medically related subjects should consider our well-ranked Biomedical Sciences, Medical Genetics, Neuroscience or Pharmacology and Innovative Therapeutics programmes (all of which are co-taught between the School of Biological and Chemical Sciences and Barts and The London School of Medicine and Dentistry). Those interested in ecology or conservation might prefer Zoology, with its strong emphasis on field courses in the UK and abroad. If your interests lie at the molecular end of biology, then Genetics or Biochemistry may be for you; alternatively, our Biology programme offers a broad grounding in the biological sciences, with the opportunity to specialise as your interests develop.

Why study biological and biomedical sciences at QMUL?

QMUL has world-class expertise across the spectrum of biological and biomedical sciences. Whether you're studying ecology, genetics or biomedical sciences, you'll be taught by staff who are world-leading researchers in their fields. External examiners have praised the quality of our teaching: our Biomedical Sciences programme was described as "renowned for its high standards of academic rigour and high standards of teaching", while other programmes were praised for students' "in-depth understanding of the discipline". Our students ranked us highly in the National Student Survey 2016: for example, zoology students scored us at 90 per cent for overall satisfaction and 83 per cent of genetics students rated us for teaching.

Our central location in London means that you can take advantage of our close relationship with institutions such as the Natural History Museum, London Zoo and the Royal Botanic Gardens at Kew. Our degrees give you the perfect foundation on which to build your future career, whether that is in further study at PhD or MSc level, progression onto medicine or dentistry, or employment.

HIGHLIGHTS

- Joint teaching between the School of Biological and Chemical Sciences (SBCS) and Barts and The London School of Medicine and Dentistry for our biomedical programmes
- Our Biomedical Sciences programme features a guaranteed offer to interview for Medicine at Barts and The London for its top 15 graduates
- Research and teaching links with international institutions such as the Natural History Museum, Institute of Zoology and Royal Botanic Gardens at Kew
- Inspirational teaching from staff with research expertise across the whole range of the biological sciences.

Teaching

Our programmes involve a mixture of classroom activities and laboratory work. Most material is delivered via lectures, backed up with small-group tutorials and workshops, where you have the opportunity to go through problems and practise past exam papers. A typical weekly workload would be: eight one-hour lectures, nine to 12 hours of practical laboratories and workshops and 18–20 hours of private study/coursework.

Fieldwork costs

Compulsory fieldwork will not cost you anything extra. For optional overseas fieldwork, you will need to contribute up to £150, plus the cost of your flight (based on costs in the year 2016/17). Full and partial bursaries are available. Destinations can vary year-on-year, are subject to availability, and depend on the modules that you choose. For more information, visit: sbcs.qmul.ac.uk

Assessment

For all programmes you must take 120 credits (normally eight modules) per year. Each module is assessed through theory examinations (typically 75–80 per cent of the final mark) and coursework. In your final year you will undertake a research or investigative project worth 15 or 30 credits.



“

I plan to go on to study medicine, and Biomedical Sciences has laid a brilliant foundation for that. My degree has given me really useful skills for working in a lab that I can take to any science workplace

Kelechi Nwankpa, Biomedical Sciences BSc (2016)

”

AND AFTERWARDS...

How can I use my degree?

Graduates from our biological and biomedical sciences degrees go on to work in a wide variety of careers. Some apply their degree knowledge directly, working in the sciences, while others transfer skills gained during study into sectors such as the media, technology or finance. Other graduates move into research, where they study for a higher degree such as an MSc or PhD, or go on to study medicine or dentistry.

The transferable skills you gain at QMUL are valued by a wide range of employers and include:

- numeracy
- data-handling and interpretation
- communication skills
- analytical skills
- manual and practical lab skills.

What our graduates do next

The national 2015 destination survey confirmed that 95 per cent of our full-time, UK-domiciled graduates from biology-related courses were in employment and/or study six months after graduation, with 85 per cent already working or studying at graduate level.

The broad range of skills gained through these courses, coupled with multiple opportunities for extracurricular activities and work experience, have enabled our students to work with organisations such as:

- Civil Service (Graduate Entry)
- Royal Free London NHS Foundation Trust
- London Ambulance Service NHS Trust
- Bloomberg
- Teach First
- Homerton University Hospital NHS Foundation Trust
- PricewaterhouseCoopers
- Great Ormond Street Hospital for Children (NHS)
- Apple
- Genomics England
- Medical Research Council

Jessica Smith

Studied: Biomedical Sciences BSc

Currently: Clinical Research Network Information Manager at Guy's and St Thomas' NHS Foundation Trust

What was it like being a student in London?

London is a fantastic and vibrant city with so much to do and as a student there are some added perks. Furthermore, with QMUL being so well located, it feels like you're right in the middle of it all – it's hard to get that anywhere else

How do you think your QMUL qualification helped you in your career?

My degree from QMUL certainly helped me land my current job. I work in the Clinical Research Network, and my scientific background has not only helped me put the vast amounts of complex data I work with everyday into context, but it has also played a significant role in my ability to communicate with clinicians and stakeholders across the UK.

Workshops and events

QMUL runs a series of workshops and events to help you identify your career options, train in recruitment and selection methods and also offers networking opportunities. Events are tailored to students from SBCS and are run by the School's Careers Consultant. In 2016/17, the careers programme included sessions for individual subject areas, the SBCS Careers Forum (featuring a range of employers and alumni) and workshops on topics such as graduate entry into medicine and finding a PhD. We also have a professional mentoring scheme, QMentoring, that you can join.

Employer-led events

You will benefit from over 120 employer-led events per year, from seminars to large fairs. Employers on campus include Accenture, Airbus, AstraZeneca, Bloomberg, Civil Service Fast Stream, Deutsche Bank, Freshfields, HM Treasury, KPMG, Rolls-Royce, Thomson Reuters and Cancer Research UK. You can also access smaller and specialist employers via QRecruit placement schemes, the in-School events programme and our JobOnline site.

Read more about our careers programmes and the range of work experience available on pages 8–13 or at: careers.qmul.ac.uk

BIOLOGICAL AND BIOMEDICAL SCIENCES

DEGREE PROGRAMMES

Biochemistry

C700 BSc (three years)

A-level: ABB including chemistry

IB: 34 overall with 655 in HL subjects including chemistry

BTEC: Not accepted

Our Biochemistry programme benefits from having world-leading researchers in both biology and chemistry together in one department. On this programme, you will study the ways in which both disciplines interact in living organisms, and learn how this underpins our understanding of biological and medical science. Initially, you will study organic and physical chemistry, as well as genetics and cell biology. From the second year, you will concentrate on the structure and function of proteins and enzymes. You will study macromolecular protein assemblies, cell signalling and the interactions between proteins and prosthetic groups and co-factors, as well as the biochemistry of disease, cell biology and differentiation. You will also study the molecular biology of DNA, its replication, repair, mutation and organisation.

For module information and further details, please visit: qmul.ac.uk/C700

Biochemistry

C701 MSci (four years)

A-level: AAB including chemistry

IB: 35 overall with 665 in HL subjects including chemistry

BTEC: Not accepted

Our Biochemistry MSci includes a fourth year where you undertake an extended research project and advanced modules. The first three years of the programme are similar to those of the BSc programme, while the fourth year involves additional training in skills relevant to a career in research – notably an extensive research project, working alongside leading researchers. This is an attractive option for anyone considering a career in research, be that in academia or industry, and for developing your advanced analytical skills. If you enrol on the MSci programme, you may still choose to graduate after three years with the BSc degree in Biochemistry.

For module information and further details, please visit: qmul.ac.uk/C701

Biochemistry with a Year in Industry/Research

3W45 BSc (four years)

A-level: AAB including chemistry

IB: 35 overall with 665 in HL subjects including chemistry

BTEC: Not accepted

For the first two years, you will follow the same curriculum as our Biochemistry BSc programme – but you will spend your third year doing paid work in the pharmaceutical industry (subject to performance and interview) or carrying out an extended research project. This will give you invaluable work experience, allowing you to practise your chemistry skills in a real industrial laboratory setting and helping you to decide what kind of career you want on graduating. For your fourth (final) year you will return to QMUL to complete your studies.

For module information and further details, please visit: qmul.ac.uk/3W45

Biology

C100 BSc (three years)

A-level: ABB including biology

IB: 34 overall with 655 in HL subjects including biology

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

From human disease to ecology and evolution, this is the programme to choose if you want a broad-based degree covering the whole of the biological sciences. In your first year, you will cover subjects including genetics, evolution, physiology and biochemistry. In the second and final years, you can either retain this broad approach or specialise. Those interested in ecology, conservation or animal biology might take advantage of our wide range of field courses – for example, studying ecology in South Africa or hunting for dinosaur fossils in Canada – while others might prefer to opt for modules in neuroscience, developmental biology or the molecular basis of disease.

For module information and further details, please visit: qmul.ac.uk/C100

BIOLOGICAL AND BIOMEDICAL SCIENCES

DEGREE PROGRAMMES

Biomedical Sciences

B990 BSc (three years)

A-level: AAB including biology and a second science

IB: 35 overall with 665 in HL subjects including biology and one further science subject

BTEC: Not accepted



Biomedical science is concerned with understanding the causes, diagnosis and treatment of disease. Our programme has been accredited by the prestigious Institute of Biomedical Sciences and is co-taught between the School of Biological and Chemical Sciences and Barts and The London School of Medicine and Dentistry. You will initially study subjects including human anatomy, physiology, biochemistry, molecular biology, immunology, genetics and pharmacology. In your final year, you will study specialist modules in topics including endocrinology, genomics, drug design, cell pathology and cancer biology. Many of our biomedical sciences graduates go on to study medicine and dentistry, and the programme has been designed with this in mind. The top 15 graduates on this programme are guaranteed an interview for the five-year Medicine MBBS at Barts and the London, subject to obtaining an upper second class BSc.

For module information and further details, please visit: qmul.ac.uk/B990



Environmental Science

F850 BSc (three years)

A-level: ABB–BBB including a science subject.

Typical offer: ABB. Alternative offers may be made to applicants taking the EPQ. See qmul.ac.uk/undergraduate for further information

IB: 32–30 with HL 655–555 including a science subject at HL. Typical offer: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Would you like to investigate the interactions between physical and ecological systems, and how these relate to human activity? This interdisciplinary degree draws upon the expertise of the School of Geography and the School of Biological and Chemical Sciences to offer a distinctive degree programme. You will have the chance to explore a wide range of themes including ecology, diversity and evolution, conservation, environmental pollution, river science and environmental engineering. Students undertake core training in environmental science research skills and techniques, both in the field and the laboratory. There is a substantial fieldwork programme, with destinations including the UK, Florida (USA) and New Zealand. Fieldwork options from the School of Biological and Chemical Sciences also offer you the chance to opt in to other destinations, destinations, most recently Croatia and South Africa.

Full details of fieldwork costs and availability within the School of Geography are on page 147; details of fieldwork costs within the School of Biological and Chemical Sciences on page 52.

For module information and further details, please visit: qmul.ac.uk/F850

Genetics

C400 BSc (three years)

A-level: ABB including biology

IB: 34 overall with 655 in HL subjects including biology

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Modern genetics is revolutionising biology and medicine. In the UK, the government's 100,000 Genomes Project aims to sequence the genomes of up to 100,000 NHS patients or infections in patients to produce better and earlier diagnosis of disease and more personalised care. None of this would be possible without a detailed understanding of genetics. Our Genetics programme covers a broad range of topics in modern genetics, with modules designed to give you a thorough grounding in the molecular biology of DNA, RNA and proteins, as well as the roles of genes in development, ecology and evolution, equipping you with the understanding and skills needed to take your place at the forefront of 21st century science – whether it's in biomedicine, conservation or ecology.

For module information and further details, please visit:
qmul.ac.uk/C400

Medical Genetics

C431 BSc (three years)

A-level: ABB including biology

IB: 34 overall with 655 in HL subjects including biology

BTEC: Not accepted

Building on our highly rated Genetics degree and co-taught between the School of Biological and Chemical Sciences and QMUL's world-renowned medical school, Barts and The London School of Medicine and Dentistry, our Medical Genetics programme offers you a unique opportunity to study medically related topics, such as tissue biology, human molecular biology and cancer biology

within the context of classical, chromosomal, population and molecular genetics. The programme addresses the genetic and molecular basis of human health, development and disease, and explores the evolution of diseases within human populations. You will study the mitochondrial and human genomes in depth and gain a valuable introduction to medical research, genetic counselling and bioethics.

For module information and further details, please visit:
qmul.ac.uk/C431

Neuroscience

B140 BSc (three years)

A-level: AAB–ABB including biology or chemistry and a second science from biology, chemistry, maths, further maths or physics

IB: 35 overall with 665 in HL subjects including biology and chemistry

BTEC: Not accepted

Remarkable advances in neuroscience make it one of the fastest growing areas in biomedical sciences. Neuroscience is dramatically improving our understanding of the human nervous system and most notably the brain. The Neuroscience programme is jointly taught between Barts and The London School of Medicine and Dentistry and the School of Biological and Chemical Sciences. You will get a strong foundation in biomedical science provided by core modules in your first two years. You will study neuroanatomy, physiology, biochemistry, molecular biology, genetics and pharmacology. In the third year, you will choose modules from a range of topics such as stem cells, the repair and regeneration of the nervous system, perspectives on brain disorders and cognitive neuroscience. The final-year project offers you the opportunity to become involved in research in this exciting field.

For module information and further details, please visit:
qmul.ac.uk/B140



“The Biology programme is extremely broad, meaning you can specialise in a particular area or keep things open if you like to study a variety of topics

Olivia Tasker, Biology BSc (2016)



Pharmacology and Innovative Therapeutics B211 BSc (three years)

A-level: AAB–ABB including biology or chemistry and a second science from biology, chemistry, maths, further maths or physics

IB: 35 overall with 665 in HL subjects including biology and chemistry

BTEC: Not accepted

Pharmacology is the study of medicines. Identified as a major skills deficit by pharmaceutical and biotechnology industries, this programme was designed in discussion with biopharmaceutical and research leaders to equip graduates to meet that shortfall, to progress into academic careers, or to apply for entry to training in medicine and dentistry. Led by Barts and the London School of Medicine and Dentistry and co-taught with the School of Biological and Chemical Sciences, you will explore basic, molecular and clinical pharmacology, develop laboratory expertise, and understand the clinical trial and regulatory pathways bringing new drugs from an initial idea through to the patient.

For module information and further details, please visit:
qmul.ac.uk/B211

We have strong research and teaching links with international institutions such as the Natural History Museum, Institute of Zoology and Royal Botanic Gardens at Kew

BIOLOGICAL AND BIOMEDICAL SCIENCES

DEGREE PROGRAMMES

Zoology

C300 BSc (three years)

A-level: ABB including biology

IB: 34 overall with 655 in HL subjects including biology

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

QMUL has a strong record of research achievement in understanding the structure, physiology, distribution and behaviour of animals – from microscopic creatures to turtles and bats. As a zoology student, you will receive a thorough grounding in vertebrate and invertebrate biology. To complement this, we offer modules in physiology, behaviour, evolution and neurobiology. Modules in molecular and population genetics, ecology, statistics and immunology are also available. There is a strong emphasis on fieldwork, with compulsory and optional modules taking students to South Africa to study tropical ecology, and to the coasts of Britain to study marine life.

For module information and further details, please visit: qmul.ac.uk/C300

RELATED PROGRAMMES

Environmental Sciences with
Business Management

147

LIFE SCIENCES RELATED PROGRAMMES

Life sciences are seen internationally as a growing research area and part of a thriving global industry. You may be interested in these other related programmes:

Global Health	153
Biomedical Engineering	126
Biomaterials for Biomedical Sciences	194
Psychology	233
Science and Engineering Foundation Programme	48

See page 212 for more details or visit: qmul.ac.uk/studylifescience

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

sbcs.qmul.ac.uk/people/academicstaff

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com. Your application will be assessed on the basis of your personal statement, UCAS reference, actual grades and predicted grades. Interviews are not usually required.

Academic enquiries

School of Biological and Chemical Sciences
Tel: +44 (0)20 7882 3321/3364
email: sbcs-admissions@qmul.ac.uk
sbcs.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800
Tel (international students): +44 (0)20 7882 5511
email: admissions@qmul.ac.uk

BUSINESS AND MANAGEMENT



All businesses, from the smallest corner shop to the largest multinational, exist in a complex economic, social and political environment. Every organised enterprise draws on processes of accounting, marketing, human relations and organisation design and requires quantitative and qualitative analysis, communications skills and creative thinking to advance and thrive. An excellent business education requires you to study these issues and develop these skills – not just to be ready for the world as it is today, but to shape how it will be tomorrow.

Why study business and management at QMUL?

At QMUL, our unique approach promises you an inspiring educational experience. Our research and teaching draws on a range of disciplines, including economics, psychology, politics and history, to develop a deep understanding of business and management and how business shapes – and is shaped by – society more generally.

Our programmes are designed to provide you with a sound foundation for the study of business in your first year. You will be introduced to business and study skills, key business practices (accounting and marketing), analytical approaches (economics and research methods), how managerial work is organised and the relationship between business and society.

During your second and third years, you will be able to choose from a wide range of electives, enabling you to specialise in a particular field of business and prepare for your chosen career path.

Many of our staff bring the experience of having worked in business and government to their teaching and they ensure that your studies reflect both our academic excellence and a sound practical knowledge of the subject.

HIGHLIGHTS

- Our academics work directly with governments and law systems around the world to shape public policy. They include: Professor Pedro Martins, Secretary of State for Employment in the Portuguese Government (2011/2013); Professor Colin Haslam, who is advising the United Nations Environment Programme (UNEP) on carbon risk for financial institutions; and members of the Centre for Equality and Diversity (CRED), who advise national and international bodies, including the BBC, UK Government ministries and the EU.
- Our dedicated Internships Co-ordinator will guide you through the internships and work experience application processes.
- We have a purpose-built media suite, designed to support student entrepreneurship.
- We have an international staff and student body, with 91 nationalities represented in the School.


Teaching

The best learning requires not just teaching and guidance from skilled and knowledgeable academics, but also carefully designed resources for self-directed study, time to practise working on complex problems with fellow students, guidance from senior peers and insights from practitioners. At QMUL, the balance of these activities is designed to prepare you to put your academic lessons into practice.

Our aim is to give you a rounded education that allows you to evaluate contemporary organisations. You will explore the private, public and not-for-profit sectors by analysing the way organisations function, the techniques of management they use, the effects on their employees, and the impact on wider society.

As well as lectures, you will benefit from small group teaching with a good staff/student ratio. This means that you are able to ask questions in a supportive environment and develop confidence in voicing your opinions and taking part in group discussions.

You will be allocated an academic adviser to support your academic progress at different stages of your degree at QMUL.



Angelo completed his second summer internship with a leading investment bank in Canary Wharf

“The programme is extremely varied, involving economics, business, marketing, management, accounting and finance. It is really designed to make us well-rounded people. From all of my current and previous employers, I know that QMUL is a highly-regarded university. The excellence in teaching at QMUL sets us apart from other candidates when applying for jobs, and this in turn benefits our future careers

Angelo Raffaele Ruggiero,
Business Management BSc (2017)

AND AFTERWARDS...

What our graduates do next

The national 2015 destination survey confirmed that 91 per cent of full-time, UK-domiciled graduates from our School were in employment or study six months after graduation, of which 73 per cent were in graduate-level positions. Our graduates have a strong earning power, with a mean salary of £24,235. Others go on to study on one of our innovative, interdisciplinary masters programmes. Find out more at: qmul.ac.uk/postgraduate

The broad range of skills gained on this programme has allowed our students to move into careers such as:

- Business Analyst, Capita
- Trainee Certified Accountant, Hayes McIntyre Chartered Accountants
- Brand Entertainment Executive and Open Energy Market – Relationship Manager, BSkyB
- Retail Banking and Wealth Management Graduate Professional, HSBC
- Financial Services Technology Risk Administrator, KPMG
- Strategy Consultant, PricewaterhouseCoopers (PwC)
- Human Resources Officer, Hackney Council

How we support you

Our Careers and Enterprise Centre programme prepares you for internships and graduate-level work. It includes:

School of Business and Management workshops and events

A series of workshops and events to help you identify career options and train you in recruitment and selection methods. Events are tailored to students from the School and are run by the School's Careers Consultant. In 2016/17, our students had the opportunity to attend Focus on Finance, a month of events focusing on careers in the finance sector and a networking evening with the School's alumni.

Employer-led events

With over 120 employer-led events per year, there are plenty of opportunities to network with a broad range of organisations who want to recruit QMUL students. Major employers on campus in 2015/16 included Accenture, Sky, Bloomberg, Citi, Deloitte, Deutsche Bank, EDF Trading, EY, Goldman Sachs, HM Treasury, eBay and Burberry. You can also access jobs with smaller and specialist employers via the QRecruit placement schemes and QM JobOnline.

Alexander Kombo

Studied: Business and Management BSc

Currently: Graduate Media Auditor at Ebiquity

How does your degree relate to your current job?

In my current job as a consultant, I spend my fair share of time presenting to clients. During my time at QMUL, the importance of being able to stand up and present well in front of a group of people is really instilled in you from the beginning. There is also ample opportunity to practise and receive positive feedback in order to grow. This was definitely key to me landing the job.

What was it like being a student in London?

There is never a dull day, and I challenge anyone to find me a day where there are not at least three different interesting events to go to!

If you are interested in developing your own social or commercial enterprise, you will have access to training and support. In the past, students have received seed funding to start or grow a business, had opportunities to network with mentors, pitch ideas and attend start-up bootcamps. For more details, visit: careers.qmul.ac.uk/enterprise

Work experience

We encourage you to build your work experience throughout your studies, and there are plenty of opportunities to do this at QMUL. Our School has a dedicated Internships Co-ordinator who will help you with applications for internships in local SMEs and start-ups. QProjects, our award-winning work experience scheme, will help you to find part-time project work in local charities. You can also join QConsult: a 5–10 week team project for our students, consulting on a real-life business problem and producing a series of recommendations for internal or external clients.

For more information about our careers programmes and the support we offer you, please visit: careers.qmul.ac.uk

BUSINESS AND MANAGEMENT

DEGREE PROGRAMMES

Business Management

NN12 BSc (three years)

A-level: AAA.

GCSE English and maths grade B or 5 or equivalent also required

IB: 36 points overall with 666 in HL subjects and at least 4 in SL maths

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This wide-ranging and inspiring programme will develop your ability to undertake critical analyses and evaluations relevant to business and management. You will develop an understanding of the forces at work in business alongside knowledge of management techniques. You will study key strategic issues, including financial management, human resources, marketing, management and organisational innovation. This strategic focus means that you will be up to date with new developments and possibilities across many business sectors.

For module information and further details, please visit: qmul.ac.uk/NN12

Marketing and Management

4G44 BSc (three years)

A-level: AAA.

GCSE English and maths grade B or 5 or equivalent also required

IB: 36 points overall with 666 in HL subjects and at least 4 in SL maths

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Marketing plays a vital role as a bridge between clients and an organisation's product and service capabilities. With a strong marketing function, firms, non-profit organisations and government can inform customers of their products and services, understand the needs and wants of the market and exploit new technology to do so. Moreover, modern society is understood as a consumer society because so much of modern life is lived, understood and expressed through consumption. This programme will equip you with the concepts, skills and confidence to interpret buyer behaviour and understand its consequences for firms and society more broadly.

For module information and further details, please visit: qmul.ac.uk/4G44

Accounting and Management

4P20 BSc (three years)

A-level: AAA.

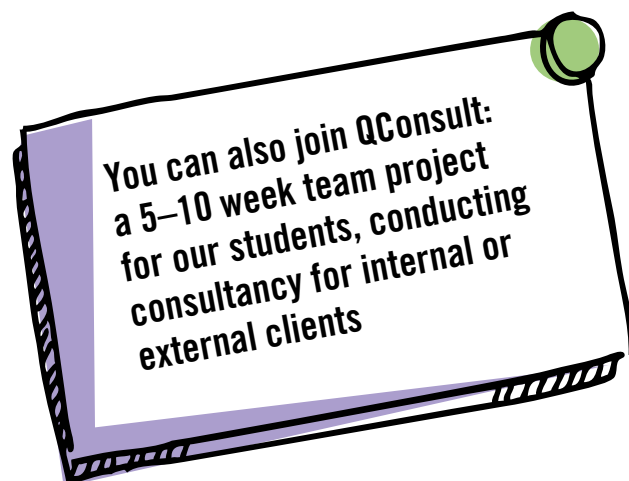
GCSE English and maths grade B or 5 or equivalent also required

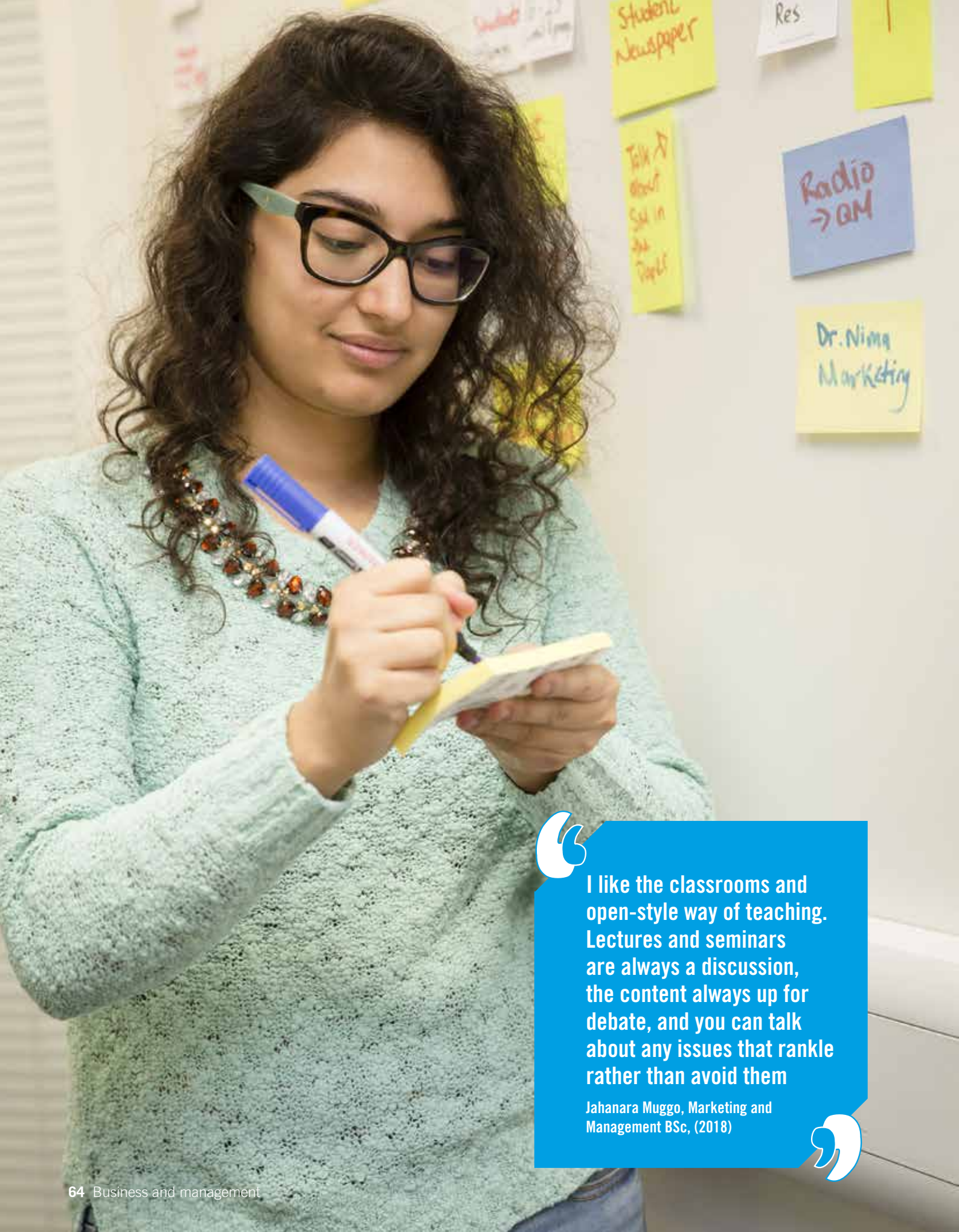
IB: 36 points overall with 666 in HL subjects and at least 4 in SL maths

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Accounting disclosures reported by firms in their planning documents and financial statements provide a significant and valuable information resource for managers and investors. It is also the case that accounting disclosures are required to inform other stakeholders, including regulators and the general public. This course will challenge you. It will consider how accounting information can be employed to support decision-making, business analysis and monitor the effectiveness and challenges faced when corporate resources are deployed to sustain firms as a going concern. The Accounting and Management BSc will provide you with an essential foundation for your future career, whether in general management or in professional accounting practice.

For module information and further details, please visit: qmul.ac.uk/4P20





“

I like the classrooms and open-style way of teaching. Lectures and seminars are always a discussion, the content always up for debate, and you can talk about any issues that rankle rather than avoid them

Jahanara Muggo, Marketing and Management BSc, (2018)

”

BUSINESS AND MANAGEMENT

DEGREE PROGRAMMES

RELATED PROGRAMMES

Computer Science with Business Management	84
Computer Science with Business Management and Accounting	84
Computer Science with Business Management and Accounting with Industrial Experience	84
Computer Science with Business Management with Industrial Experience	84
Economics and Finance	109
Economics, Finance and Management	110
Environmental Science with Business Management	147
French with Business Management	173
Geography with Business Management	146
German with Business Management	173
Hispanic Studies with Business Management	173
Information Technology Management for Business with Industrial Experience	165
Mathematics, Business Management and Finance	200
Mathematics with Business Management	200
Mathematics with Finance and Accounting	201
Politics with Business Management	226
Russian with Business Management	173
International Foundation Programme in Humanities and Social Sciences	46
International Foundation Programme in Business and Management	48

FIND OUT MORE

Our programmes
qmul.ac.uk/undergraduate/coursefinder

Our academics
busman.qmul.ac.uk/staff

Fees and funding
qmul.ac.uk/undergraduate/feesandfunding

Admissions
 Please apply through UCAS at ucas.com

Academic enquiries
 School of Business and Management
 Tel: +44 (0)20 7882 8570
 email: busman-enquiries@qmul.ac.uk
busman.qmul.ac.uk

General enquiries
 Freephone (UK callers only): 0800 376 1800
 Tel (international students): +44 (0)20 7882 5511
 email: admissions@qmul.ac.uk

Being a student in London is a great adventure – your education isn't confined to the classroom, and the city is your playground

Isabelle Victoria Manlapaz Ilaya, Accounting and Management BSc, (2018)

CHEMICAL SCIENCES

The science of chemistry underpins all aspects of modern life – from human health and medicine to manufacturing. Its importance is underlined by the fact that chemistry graduates are highly sought after by employers and attract good starting salaries. Chemistry is also one of the UK's largest manufacturing industries; the chemical and pharmaceutical sectors have a turnover of nearly £50 billion and account for 500,000 jobs throughout the UK.*

Why study chemistry at QMUL?

The School of Biological and Chemical Sciences (SBCS) is one of the largest departments at QMUL, with over 90 members of academic staff and nearly 2,000 undergraduate and postgraduate students. Chemistry degree programmes are taught by staff from the Chemistry and Biochemistry department within SBCS, whose expertise spans all the traditional areas of chemistry (inorganic, organic and physical), as well as having excellence in the growing field of computational chemistry, and a unique synergy at the interface with biochemistry/molecular biology.

External examiners have praised the rigour and quality of our teaching, as well as our commitment to student support. The School is distinguished by high-calibre academic staff who are committed to delivering a high-quality teaching experience, but who also generate a vibrant research culture. They produce work that appears in high-impact international scientific journals (eg *Nature*, *Science*) and other top-ranking specialist scientific publications. In the most recent national assessment of university research (REF 2014), we were placed sixth equal in the country for the quality of these research outputs (*Times Higher Education*, 2014).



HIGHLIGHTS

- Expertise in organic and inorganic chemistry
- Active research in both the biological and chemical sciences in one department
- Our Chemistry and Pharmaceutical Chemistry programmes are accredited by the Royal Society of Chemistry
- State-of-the-art computational chemistry
- Sixth equal in the UK for the quality of our research outputs (*Times Higher Education* analysis of REF 2014).



Teaching

Our programmes involve a mixture of classroom activities and laboratory work. Most material is delivered via lectures and backed up with small-group tutorials and workshops, where you have the opportunity to go through problems and practise past exam papers.

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.

Assessment

For all programmes you must take 120 credits (normally eight modules) in each academic year. Each module is assessed through theory examinations (typically 75–80 per cent of the final mark) and coursework (practical reports, essays, problem sheets, online exercises and tests). Examinations normally last two-and-a-half hours in your first and second years and three hours in your final year. Final-year students undertake a research or investigative project worth 15 or 30 credits.

* (UK Chemical and Pharmaceutical Industry Facts and Figures, CIA, February 2015)



“My course was very challenging, and I enjoyed pushing myself and seeing my efforts reflected in good grades. I also liked the variety, as no two modules were the same, which helped me to find out which areas of chemistry I find most interesting

Jane Smith, Chemistry MSci (2016)

AND AFTERWARDS...

How can I use my degree?

Our chemistry graduates go on to work in a range of sectors, including clinical and laboratory work, as well as science communication. Others transfer their skills into sectors such as media, technology or finance. Many graduates also move on to postgraduate research at either masters or PhD level.

The transferable skills you gain are valued by a wide range of employers and include:

- numeracy
- data handling and interpretation
- communication skills
- excellent analytical skills
- IT skills
- manual and practical lab skills.

What our graduates do next

The national 2015 destination survey confirmed that 95 per cent of full-time, UK-domiciled graduates from chemistry-related courses from QMUL were in employment and/or study six months after graduation, with 83 per cent already working or studying at graduate level.

The broad range of skills gained through these courses, coupled with multiple opportunities for extracurricular activities and work experience, have enabled our students to work with organisations such as:

- Government Office for Science
- St George's University Hospital NHS Foundation Trust
- Hammersmith Medicines Research
- Environmental Resource Group
- EY (formerly Ernst & Young)
- Genomics England
- BioMed Central
- Homerton University Hospital NHS Foundation Trust
- NHS Blood and Transplant (NHSBT)

Younes Fegheh-Hassanpour

Studied: Pharmaceutical Chemistry MSci

Currently: Studying for a DPhil in Organic Chemistry at the University of Oxford

What did you enjoy most about your course?

I really enjoyed the interdisciplinary aspect of the course, where learning the fundamentals of chemistry joined with the pharmaceutical side, providing valuable skills that I will use in the future.

What did you think of the facilities in your department?

The facilities in the School of Biological and Chemical Sciences are one of the best in London, with up-to-date instruments as well as very well-equipped research labs.

How did your QMUL qualification help you in your career?

My MSci degree has provided the necessary qualifications required to meet the demands of all industry and academic career pathways.

Workshops and events

QMUL runs a series of workshops and events to help you identify your career options, train in recruitment and selection methods, and also offers networking opportunities. Events are tailored to students from SBCS and are run by the School's Careers Consultant. In 2016/17, the careers programme included sessions for individual subject areas, the SBCS Careers Forum (featuring a range of employers and alumni) and workshops on topics such as graduate entry into medicine and finding a PhD. We also have a professional mentoring scheme, QMentoring, that you can join.

Employer-led events

You will benefit from over 120 employer-led events per year, from seminars to large fairs. Employers on campus include Accenture, Airbus, AstraZeneca, Bloomberg, the Civil Service Fast Stream, Deutsche Bank, Freshfields Bruckhaus Deringer, HM Treasury, KPMG, Rolls-Royce, Thomson Reuters and Cancer Research UK. You can also access smaller and specialist employers via QRecruit placement schemes, the in-School events programme and our JobOnline site.

Read more about our careers programmes and the range of work experience available on pages 8–17 or at: careers.qmul.ac.uk

CHEMICAL SCIENCES

DEGREE PROGRAMMES

Biochemistry

C700 BSc (three years)

A-level: ABB including chemistry

IB: 34 overall with 655 in HL subjects including chemistry

BTEC: Not accepted

Our Biochemistry programme benefits from having world-leading researchers in both biology and chemistry together in one department. On this programme, you will study the ways in which both disciplines interact in living organisms, and learn how this underpins our understanding of biological and medical science.

Initially, you will study organic and physical chemistry, as well as genetics and cell biology. From the second year, you will concentrate on the structure and function of proteins and enzymes. You will study macromolecular protein assemblies, cell-signalling and the interactions between proteins and prosthetic groups and co-factors, as well as the biochemistry of disease, cell biology and differentiation. You will also study the molecular biology of DNA, its replication, repair, mutation and organisation.

For module information and further details, please visit:
qmul.ac.uk/C700

Biochemistry

C701 MSci (four years)

A-level: AAB including chemistry

IB: 35 overall with 665 in HL subjects including chemistry

BTEC: Not accepted

Our Biochemistry MSci includes a fourth year where you undertake an extended research project and advanced modules. The first three years of the programme are similar to those of the BSc programme, while the fourth year involves additional training in skills relevant to a career in research – notably an extensive research project working alongside leading researchers. This is an attractive option for anyone considering a career in research – be that in academia or industry – and for developing advanced analytical skills. If you enrol on the MSci programme you may still choose to graduate after three years with the BSc degree in Biochemistry.

For module information and further details, please visit:
qmul.ac.uk/C701

Biochemistry with a Year in Industry/Research

3W45 BSc (four years)

A-level: AAB including chemistry

IB: 35 overall with 665 in HL subjects including chemistry

BTEC: Not accepted

For the first two years, you will follow the same curriculum as our three-year Biochemistry BSc. You will then spend your third year working in the pharmaceutical industry (subject to performance and interview) or carrying out an extended research project. This will give you invaluable work experience, allowing you to practise your chemistry skills in a real industrial laboratory setting, and help you to decide what kind of career you want after graduation. For your fourth (final) year you will return to QMUL to complete your studies.

For module information and further details, please visit:
qmul.ac.uk/3W45

Chemistry

F100 BSc (three years)

A-level: ABB including chemistry

IB: 34 overall with 655 in HL subjects including chemistry

BTEC: Not accepted



Chemistry is often termed the central science as it connects mathematics, physics, biology and medicine. It is concerned with all aspects of the physical and chemical properties of matter, including the nature of atoms and molecules, their structure and composition, their reactions and the ways in which they can be used to produce useful products and materials. Chemistry at QMUL offers an excellent and highly regarded training in both theoretical and practical chemistry, covering organic, inorganic and physical chemistry, together with interdisciplinary modules such as spectroscopy, analytical chemistry and biochemistry. Chemistry is a practical subject and you will spend a significant amount of time in laboratory classes, specifically designed to support the lectures. This programme is accredited by the Royal Society of Chemistry and leads to Associate Member of the Royal Society of Chemistry status.

For module information and further details, please visit:
qmul.ac.uk/F100

CHEMICAL SCIENCES

DEGREE PROGRAMMES

Chemistry

F103 MSci (four years)

A-level: AAB including chemistry

IB: 35 overall with 665 in HL subjects including chemistry

BTEC: Not accepted



Our Chemistry MSci includes a fourth year where you undertake an extended research project and advanced modules.

The first three years of the programme are similar to those of the BSc programme, while the fourth year involves additional training in skills relevant to a career in research – notably an extensive research project working alongside leading researchers. This is an attractive option for anyone considering a career in research – be that in academia or industry – and for developing advanced analytical skills. If you enrol on the MSci programme you may still choose to graduate after three years with the BSc degree in Chemistry.

For module information and further details, please visit: qmul.ac.uk/F103

Chemistry with a Year in Industry/Research

9A32 BSc (four years)

A-level: AAB including chemistry

IB: 35 overall with 665 in HL subjects including chemistry

BTEC: Not accepted



For the first two years, you will follow the same curriculum as our Chemistry BSc programme – but you will spend your third year doing paid work in the chemical industry (subject to performance and interview) or carrying out an extended research project. This will give you invaluable work experience, allowing you to practise your chemistry skills in a real industrial laboratory setting and helping you to decide what kind of career you want on graduating. For your fourth (final) year you will return to QMUL to complete your studies. This programme has been accredited by the Royal Society of Chemistry and leads to Associate Member of the Royal Society of Chemistry status.

For module information and further details, please visit: qmul.ac.uk/9A32

Pharmaceutical Chemistry

F154 BSc (three years)

A-level: ABB including chemistry

IB: 34 overall with 655 in HL subjects including chemistry

BTEC: Not accepted



Pharmaceutical Chemistry provides the training required to work in the pharmaceutical industry in the discovery and development of new medicines.

The emphasis is on synthetic organic chemistry, while also providing a good general foundation in physical and inorganic chemistry. In addition, you will receive insights into pharmacology, biochemistry and cancer chemotherapy. You will get an excellent grounding in pharmaceutical chemistry, ideal for those who want to pursue a career in industry. This programme is accredited by the Royal Society of Chemistry and leads to Associate Member of the Royal Society of Chemistry status.

For module information and further details, please visit: qmul.ac.uk/F154

Pharmaceutical Chemistry

F152 MSci (four years)

A-level: AAB including chemistry

IB: 35 overall with 665 in HL subjects including chemistry

BTEC: Not accepted



Our Pharmaceutical Chemistry MSci includes a fourth year, where you undertake an extended research project and advanced modules. The first three years of the programme are similar to those of the BSc programme, while the fourth year involves additional training in skills relevant to a career in research – notably an extensive research project working alongside leading researchers. This is an attractive option for anyone considering a career in pharmaceutical research – be that in academia or industry – and for developing advanced

analytical skills. If you enrol on the MSci programme, you may still choose to graduate after three years with the BSc degree in Pharmaceutical Chemistry. This programme is accredited by the Royal Society of Chemistry and leads to Associate Member of the Royal Society of Chemistry status.

For module information and further details, please visit:
qmul.ac.uk/F152

Pharmaceutical Chemistry with a Year in Industry/Research 2L22 BSc (four years)

A-level: AAB including chemistry

IB: 35 overall with 665 in HL subjects including chemistry

BTEC: Not accepted



For the first two years, you will follow the same curriculum as our three-year Pharmaceutical Chemistry BSc. You will then spend your third year working in the pharmaceutical industry (subject to performance and interview) or carrying out an extended research project. This will give you invaluable work experience, allowing you to practise your chemistry skills in a real industrial laboratory setting, and help you to decide what kind of career you want after graduation. For your fourth (final) year you will return to QMUL to complete your studies. This programme has been accredited by the Royal Society of Chemistry and leads to Associate Member of the Royal Society of Chemistry status.

For module information and further details, please visit:
qmul.ac.uk/2L22

Pharmacology and Innovative Therapeutics B211 BSc (three years)

A-level: AAB–ABB including biology or chemistry and a second science from biology, chemistry, maths, further maths or physics

IB: 35 overall with 665 in HL subjects including biology and chemistry

BTEC: Not accepted

Pharmacology is the study of medicines. Identified as a major skills deficit by pharmaceutical and biotechnology industries, this programme was designed in discussion with biopharmaceutical and research leaders to equip graduates to meet this shortfall, progress into academic careers, or to apply for entry to training in medicine and dentistry. Led by Barts and the London School of Medicine and Dentistry and co-taught with the School of Biological and Chemical Sciences, you will explore basic, molecular and clinical pharmacology, develop laboratory expertise, and understand the clinical trial and regulatory pathways bringing new drugs from an initial idea through to the patient.

For module information and further details, please visit:
qmul.ac.uk/B211



COMPARATIVE LITERATURE

Comparative literature is about making connections between literatures and cultures from around the world, and between literature and other disciplines, such as philosophy, cultural studies, music, film, photography and fine art.

This course is all about expanding your literary and cultural horizons. You could be exploring modern fairy tales, postmodern novels or short stories from Europe, South Asia, Latin America and Japan; or discovering more about movements such as Romanticism, as well as a host of themes ranging from madness to migration to literary representations of London. Comparative literature offers flexibility: you can select from a wide range of modules, including some creative options, such as editing your own anthology. Modules from all the language departments and film studies, as well as from other humanities departments, are also open to our students.

Why study comparative literature at QMUL?

We have a vast amount of experience in the field, so you will always be taught by leading specialists whose innovative research informs their teaching.

Comparative literature at QMUL is consistently highly ranked in the National Student Survey. In 2016 it was ranked in the top 10 in the UK and third in London.

In the most recent national assessment of university research (REF 2014), we were ranked highly for the quality of our research.

Finally, while comparative literature at many universities often sits within the English department, at QMUL it is an invigorating, growing and dynamic department in its own right – a reflection of our commitment to the subject.

Teaching

Lectures are used to convey information, to introduce you to the basic concepts of the discipline and to develop sustained interpretation and argument. Seminars and workshops allow you to put into practice the concepts and approaches presented in lectures. You will typically have eight hours of lectures and

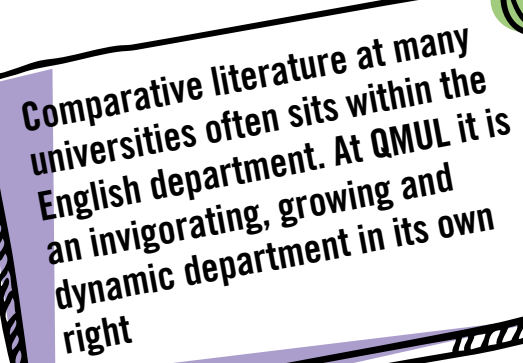
HIGHLIGHTS

- A diverse and dynamic school, staffed by leading specialists in comparative literature, French, German, Iberian and Latin American studies, Russian, linguistics and film studies.
- You have the opportunity to combine comparative literature with other specialisms taught in the School (with a language, with linguistics or with film studies).
- In the 2016 National Student Survey, comparative literature at QMUL was ranked in the top 10 in the UK and third in London.
- The School's adviser system offers you personalised advice and pastoral care.

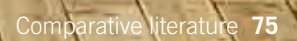
seminars per week. For every hour spent in class, you will be expected to complete a further five to six or so hours of independent study.

Assessment

You are assessed by a mixture of exams and coursework or by coursework only. Assessment in the final year may include the completion of a research project. This offers you the chance to carry out an in-depth, independent piece of research on a subject or case study of your own devising.



Comparative literature at many universities often sits within the English department. At QMUL it is an invigorating, growing and dynamic department in its own right



AND AFTERWARDS...

Why study comparative literature?

What can I do afterwards?

Comparative literature will develop an impressive set of transferable skills highly valued by today's graduate employers, including:

- analytical ability: all that high-level sleuthing for links and differences will make you highly logical, while also developing your intuitive skills
- highly sophisticated reading skills: you will be able to read lengthy pieces without being sidetracked by 'fluff', and then summarise and précis with accuracy
- the ability to put things in context, and a well-developed awareness of the world around you
- presentation skills: you will produce high-quality written work and give presentations, both essential in the world of work
- team-working skills.

Graduates in comparative literature are likely to be attracted to fields such as the media and PR, where their broad cultural understanding will provide an invaluable background. Writing skills are useful in journalism, advertising, marketing and so on. You could also go into professions such as law (by taking a one-year conversion course) or teaching.

What our graduates do next

Comparative literature graduates go on to work in a wide variety of careers. Some apply their degree knowledge directly, entering careers such as education and the arts, while others transfer skills gained during study into areas such as public relations. Others go on to study on our highly regarded Comparative Literature MA. Find out more at: qmul.ac.uk/postgraduate

The national 2015 destination survey of full-time, UK-domiciled students, confirmed that 95 per cent of the School's graduates were in employment and/or study six months after graduation, with 79 per cent already working and/or studying at graduate level. The broad range of skills gained through our comparative literature

Francesca Pearce

Studied: Comparative Literature and Film Studies BA

Currently: I'm currently employed as a Publicity Manager on the fiction team at Pan Macmillan Publishers. I pitch books that I love to the media and try and secure coverage in print, broadcast and online.

How did your degree prepare you for your career?

The basis of my job is communication. My degree programme meant that I had the background literary knowledge that you are expected to have, working in publishing. I also think that essay writing helped massively when it came to writing concise but interesting cover letters and applications.

What were your degree highlights?

One of the highlights of my degree was the research. With Comparative Literature there was so much to draw upon, and taking myself away to the library and discovering all of that was amazing!

programmes, coupled with multiple opportunities for extracurricular activities and work experience, has enabled our students to move into careers such as:

- Trainee PR Account Executive, Mission PR
- Solicitor, Citizens Advice Bureau East End
- Secondary School Teacher, Kingsbury High School
- Editor, *Weekly Times* newspaper, Australia
- Freelance Events Manager, Tate Movie Project, BBC
- Retail Development Executive, Heineken UK
- Marketing Executive, Funway Holidays

How we support you

The annual Careers and Enterprise Centre programme prepares you for internships and graduate-level work, including employer-led workshops on job applications, interviews and numerous employer networking events.

The School offers regular careers events for students, these have included a careers panel and speed-meet, an Experience Journalism workshop and a series of Career Conversations with employers working in the media. For more information about our careers programmes and the support we offer you, please see pages 8–13

COMPARATIVE LITERATURE

DEGREE PROGRAMMES

Comparative Literature

Q200 BA (three years)

A-level: BBB including an essay-based humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects including at least one essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This innovative programme offers everyone – including those without a foreign language – the opportunity to discover in translation the literatures and cultures of Europe, Latin America and beyond. Our modules explore literatures and cultures from the Classical period to the 21st century, introducing you to a spectrum of themes, genres and movements as they evolve.

In the first and second years you will be given a solid grounding in the discipline of literary studies. In the final year you have the opportunity to develop your own interests by writing an extended research project.

For module information and further details, please visit: qmul.ac.uk/Q200

Comparative Literature and Film Studies

QP23 BA (three years)

A-level: ABB including an essay-based humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This programme is split equally between the two subjects and helps you make theoretically informed connections between them. The film programme covers the aesthetics, production and history of film in the United States, Latin America and Europe, and introduces you to theoretical developments in the field. Advanced options in the second and final years enable you to concentrate on the areas of literature and film that interest you most.

For module information and further details, please visit: qmul.ac.uk/QP23

Comparative Literature and Linguistics

QQ21 BA (three years)

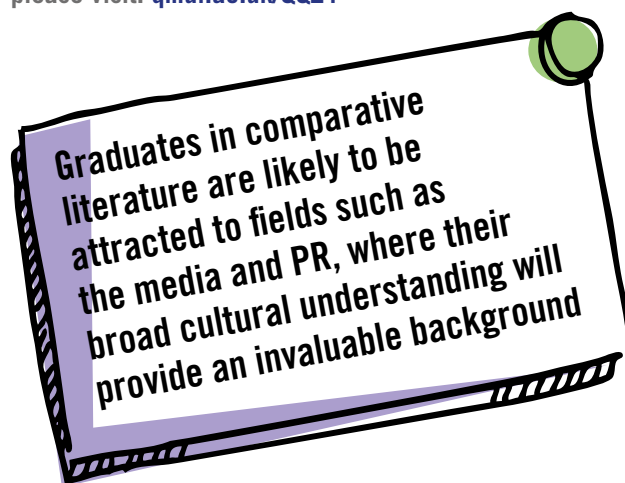
A-level: ABB including an essay-based humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects including at least one essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

You will divide your time equally between the two subjects. Comparative literature makes connections – between literary texts of different times, places and traditions and between literature and philosophy, film, music, and the visual arts. Linguistics complements the study of literature by allowing you to gain an understanding of how language and communication work. Advanced options in the second and final years enable you to concentrate on the areas of literature and linguistics that interest you most, while you can also bring the two subjects together in a research project.

For module information and further details, please visit: qmul.ac.uk/QQ21



COMPARATIVE LITERATURE

DEGREE PROGRAMMES

French and Comparative Literature

RQ12 BA (four years)

German and Comparative Literature

QR22 BA (four years)

Hispanic Studies and Comparative Literature

QR24 BA (four years)

Russian and Comparative Literature

QR72 BA (four years)

A-level: BBB, including A-level French for RQ12, and for other programmes, GCSE in a language or experience of learning a language other than your mother tongue. An A-level in an essay-based humanities/social sciences subject is also required for all programmes. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects, including HL 5 in French for RQ12. An essay-based HL subject in humanities/social sciences is also required

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. A-level French grade B required in addition for RQ12

Your degree is split equally between your chosen language and comparative literature. Comparative literature makes connections between literary texts of different times, places and traditions and between literature and philosophy, film, music, and the visual arts. You also study a national language and culture in depth, and will explore the broader perspective of the literatures and cultures of Europe, Latin America and beyond. In your first year you will study compulsory modules on both sides of your degree.

In your second and final years, you will take advanced module options concentrating on particular literary themes, movements and genres. Core language modules continue to assist you in developing your linguistic skills.

Your third year is spent studying abroad. You will pay a reduced tuition fee to QMUL, currently 15 per cent of current undergraduate fees. (For guidance, in 2016/17, Home/EU students paid £1,350; while international students paid 50 per cent of that year's tuition fee for their programme.)

Please note: you will not pay a fee to the host university while abroad, but you will be expected to cover your accommodation and living costs.

For module information and further details, please visit: qmul.ac.uk/RQ12, qmul.ac.uk/QR22, qmul.ac.uk/QR24 or qmul.ac.uk/QR72

History and Comparative Literature

VQ12 BA (three years)

A-level: ABB, including history and another essay-based humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including history and another essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

You will divide your time equally between the two subjects. Comparative literature makes connections between literary texts of different times, places and traditions and between literature and philosophy, film, music and the visual arts. History complements the study of literature, enabling you to gain an understanding of the historical contexts in which literature is conceived. The history programme covers the main themes in medieval, modern and contemporary history, ranging from British to European and American topics. Advanced module options in the second and final years enable you to concentrate on the areas of literature and history that interest you most.

In your final year, you work on primary source material, through a document-based history special subject that includes original research on a subject of your choice, leading to a 10,000-word dissertation.

For module information and further details, please visit: qmul.ac.uk/VQ12



I love the diversity of the student body at QMUL. It is such a good fit for the research I do! It's great to have students who, like me, believe that it's important to study the literature of non-Western countries. QMUL is also one of the few places in the UK that offers a BA in Comparative Literature, which really shows how committed we are to the field

Dr Shital Pravinchandra,
Lecturer in Comparative Literature

RELATED PROGRAMMES

English	133
Film Studies	139
History	158
Linguistics	188
International Foundation Programme in Humanities and Social Sciences	46

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

complit.slif.qmul.ac.uk/people

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com Transfer or mature applicants may be invited for interview or asked to produce a piece of written work.

Academic enquiries

School of Languages, Linguistics and Film

Tel: +44 (0)20 7882 8331/8314

email: slif-ug@qmul.ac.uk

slif.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

COMPUTER SCIENCE

The smartphone in your pocket now contains a more powerful computer than the one in the Apollo spacecraft that took men to the moon. With computers that are ever smaller, cheaper and yet more powerful, only our imagination limits the applications we can create.

With a degree in computer science, you can become a creator of the next generation of software applications. Your study combines practical skills – in software development, database and interface design – with an understanding of the fundamental principles of computers and networks. You learn the theory behind programming and algorithms, the limits of what computers can do and the potential of machine intelligence.

Why study computer science at QMUL?

We are a campus university that is both close to central London and less than a couple of miles from the area around Old Street known as Tech City, home to a rapidly growing community of digital start-ups, including Mind Candy, PlayGen and Last.fm.

The School of Electronic Engineering and Computer Science (EECS) has grown out of some of the oldest departments of their kind in Britain – we helped set up the first internet node in the UK. We're proud of that history but it's our enthusiasm for the latest research and our active commercial and research partnerships with industry that make us special.

We work closely with industry partners to ensure our graduates are more than ready for developing a successful career. Our relevant degrees are accredited by the Chartered Institute of IT (BCS) up to entry in 2020 and Institution of Engineering and Technology (IET) up to and including entry in 2017. We are currently undertaking the IET accreditation application for 2018 intake (at time of writing). Please check our website for the most up-to-date information for individual programmes.


HIGHLIGHTS

- Relevant degrees are accredited by the Chartered Institute of IT (BCS)
- 91 per cent of our computer science research has been rated as “world-leading” or “internationally excellent” (REF 2014)
- Study abroad options are available on some of our degrees: you can spend part of your degree in places such as California, Sydney or Hong Kong
- Great links with industry: our programmes can be studied with industrial input, either as a placement or a project, and we also have staff dedicated to helping you find a placement. Our students have worked with companies including IBM and Microsoft Studios.

Teaching

You'll be taught by staff who are at the forefront of their specialism, recognised in the most recent national assessment of the quality of university research (REF 2014) for their “world leading” and “internationally excellent” research, and this feeds into our students' final-year projects. REF 2014 placed us 11th in the country for our computer science research and sixth for electronic engineering (*THE*). Our research interests are as varied as investigating how medical devices can be made safer using better software design, to the emerging fields of big data and cloud computing, to how errors in software systems can be automatically detected (a company, Monoidics, founded on this research was bought by Facebook in 2013).

Along with use of all the facilities at QMUL, you will have exclusive access to our Informatics Teaching Laboratory, with over 300 multimedia workstations, and an electronics lab. We also have innovative research facilities to support teaching on specialist modules, including an Antennas Measurement Lab (AML), a Mac Pro multimedia editing suite, a versatile performance space and a state-of-the-art sound recording studio.

A man in a blue checkered shirt is smiling while rowing on a rowing machine in an office. In the background, other people are working at computers. The office has white shelves with books and a large window.

VJ didn't think his industrial experience year working for UVD, a digital agency, would involve working out on a rowing machine, but when he took a lead role in designing software for British Rowing, that's just what he ended up doing. The product he worked on is being piloted before a potential roll-out across a nationwide gym company

“The best bit about working as a Junior Developer for my Industrial Experience year was developing exciting projects for real clients. I've also learned so much about how a business works and the most successful management practices. The experience has given me much more confidence about entering the world of work after my degree

Vijendra (VJ) Patel, Computer Science with Industrial Experience BSc (2016)

AND AFTERWARDS...

The skills you learn in computer science are in great demand. Having experienced massive growth over the past few years, the industry is only predicted to expand further over the next decade. And, when you graduate, you'll have a wide range of jobs to choose from. Perhaps you will join one of London's new wave of creative digital start-ups, or maybe you prefer the challenge of one of London's global finance companies, researching and designing new technologies in a multinational organisation, or becoming involved in project management.

From health to transport, banking to retail technology, IT has become an essential aspect of all complex organisations and job opportunities are found in a wide range of industries. Some of our graduates apply their degree knowledge directly, becoming technology analysts or software developers, while others transfer skills gained during study into areas such as consultancy, education or finance.

The future is bright for those with the blend of logical thinking and creativity that marks out a QMUL computer science graduate. Recent starting roles of some of our graduates include Software Developer, IT Consultant, Application Developer, Business Analyst and Data Analyst.

Enhance your career prospects with a year in industry

All of the three-year degrees offered in this subject include an Industrial Experience option: the chance to spend a year in industry. This option means you take four years to complete your BSc, with your third year spent working in a role directly related to your studies. It allows you to apply your skills in a professional context, giving you an important edge in the graduate job market. Our specialist Electronic Engineering and Computer Science Industrial Placement Manager is on hand to help you search and apply for your placement and provide support throughout your year in industry.

SECURING YOUR FUTURE

1.7m: the number of tech specialist jobs over the next decade that will be created, according to recent research by the Tech Partnership.* They estimate that 171,000 new recruits are needed in tech specialist careers every year between 2015–2025.

Samsung SDS, Vodafone, Goldman Sachs, BSkyB, Transport for London: just a few of our latest graduates' destinations.

£25k: the median starting salary for graduates from our School of Electronic Engineering and Computer Science.

* thetechpartnership.com/news-events/news/more-than-1.7m-new-jobs-for-tech-specialists-in-the-next-decade-says-tech-partnership

How we support you

Throughout the course, our careers programme helps prepare you for internships and graduate-level work. Including workshops, guest lectures and employer events, the programme supports you in job hunting, applications and networking.

Our strong industry links make finding your first job easier. Events include the IT and Technology Fair, featuring 30 organisations seeking new talent, including Airbus, BAE Systems, Bloomberg, Capgemini, eBay, EDF, E.ON, FDM, IBM, Goldman Sachs, RAF, Rolls-Royce, Siemens, Sungard, TFL, Thales.

We work with a range of other organisations offering graduate opportunities in computer science, in sectors including banking, media and technology, and telecommunications.

One-to-one support is also available from our specialist Industrial Placement Manager, as well as from the university's Careers team.

Find out more about careers support on pages 8–13 or at: careers.qmul.ac.uk

COMPUTER SCIENCE

DEGREE PROGRAMMES

Computer Science

G400 BSc (three years)

G401 MSci (four years)

G402 BSc (four years with Industrial Experience)

A-level: MSci: AAB/BSc: ABB

GCSE maths grade B or 5 or equivalent also required

IB: MSci: 34 overall with 665 in HL subjects

BSc: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements



The 60 years since the introduction of the first commercial computers have transformed the way we live and work:

new industries are created, existing ones transformed. To stay ahead, it is vital to understand how computers work, new applications are created, and people and computers work together. This is analytical and logical, yet also innovative and creative. Our computer science programmes combine programming, the design of computers and networks and the theory of computing, as well as multimedia, electronic device usability and interaction, and artistic expression through creativity and design. You can specialise in subjects such as computer graphics, artificial intelligence and distributed systems. You will gain practical experience in building a variety of computer systems in progressively more demanding contexts. The MSci follows the same structure as the BSc, with the inclusion of a team project in the third year, and more advanced options in the fourth year.

For module information, latest entry requirements and further details, please visit:

qmul.ac.uk/G400, qmul.ac.uk/G401, or qmul.ac.uk/G402

Computer Science and Multimedia

G450 BSc (three years)

I450 BSc (four years with Industrial Experience)

A-level: ABB

GCSE maths grade B or 5 or equivalent also required

IB: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements



Digital technologies, including graphics, animation, video and audio, are transforming the world of media.

These degree programmes give you a solid grounding in computer science, with a specialised focus on multimedia. Multimedia (the use of graphics, animations, video and audio in a computer environment) is an expanding area in industry. Starting with core topics in programming, web technology, software engineering, databases and graphical user interfaces, you then gain specialist knowledge in multimedia. For example, the final year covers technical areas, like the delivery of multimedia content over the internet, and compression techniques such as MP3 and 3D computer graphics. The programme also involves studying human factors in multimedia, including the principles for designing graphical user interfaces and the study of interactive systems. Graduate jobs include Game Designer, Web Developer, Software Engineer and Business Analyst in media and IT companies or in companies using IT, including finance, health, government and engineering.

For module information, latest entry requirements and further details, please visit:

qmul.ac.uk/G450 or qmul.ac.uk/I450

Related programme

You may also be interested in our Information Technology Management for Business programmes

COMPUTER SCIENCE

DEGREE PROGRAMMES

Computer Science with Business Management

G4N1 BSc (three years)

I4N1 BSc (four years with Industrial Experience)

Computer Science with Business Management and Accounting

G4N2 BSc (three years)

I4N2 BSc (four years with Industrial Experience)

A-level: ABB

GCSE maths grade B or 5 or equivalent also required

IB: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Computer systems are essential tools for modern businesses. These programmes combine study in computer science (75 per cent) while providing a foundation in business management/accounting (25 per cent). Core computer science skills are combined with essential studies in business management, specifically focusing on financial and management accounting. They develop your critical thinking on business management in relation to economic, political, social and technical environments. They give you in-depth knowledge and practical experience in financial and management accounting techniques. Topics include the preparation of financial statements and accounting techniques, sources of finance, ratio analysis and legal and economic considerations. The G4N2 and I4N2 programmes cover financial and management accounting in more depth. On these programmes, you will also study managerial accounting, exploring the finance function and particularly planning and control, cost management, financing and investment decisions.

For module information, latest entry requirements and further details, please visit:

qmul.ac.uk/G4N1 or qmul.ac.uk/G4N2, qmul.ac.uk/I4N1, or qmul.ac.uk/I4N2

Computer Science and Mathematics

GG41 BSc (three years)

IG41 BSc (four years with Industrial Experience)

A-level: AAB including maths

IB: 34 overall with 665 in HL subjects, including HL 5 in maths

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

This programme, taught in collaboration with the School of Mathematical Sciences, provides a solid foundation for a number of IT careers, including software development and systems analysis. You will cover core topics in both mathematics, including calculus, probability and linear algebra, and in computer science, including programming and algorithms. At first the programme has an equal balance of the two subjects, but it later offers a wide choice to specialise. You can choose option modules from across the range of mathematics and computer science, including computer graphics, artificial intelligence, number theory and chaos.

You will be equipped for working in, for example, big data analysis and simulation of complex systems, and you will have a solid grounding for careers like quantitative analysis. Professionals with IT and maths skills are in demand in many sectors, including both IT suppliers and users (such as the finance industry), and every year a number of our students pursue postgraduate study.

For module information, latest entry requirements and further details, please visit:

qmul.ac.uk/GG41 or qmul.ac.uk/IG41



All the three-year degrees in this subject offer an Industrial Experience option

Computer Systems Engineering

HI62 BEng (three years)

H163 BEng (four years with Industrial Experience)

HI6D MEng (four years)

A-level: MEng: AAB including maths/BEng: ABB including maths

IB: MEng: 34 overall with 665 in HL subjects, including maths. BEng: 32 overall with 655 in HL subjects, including maths

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

These programmes include the digital circuit design elements of the electronic engineering programmes, but emphasise computer systems and software. They also focus on the increasingly important areas of artificial intelligence and network computing, internet computing and e-commerce engineering. Beyond these core themes, there is an opportunity to specialise by selecting from optional modules. These include Security (developing firewalls, secure e-commerce transactions and antifraud technology), Data Processing (including data mining, signal processing, and advanced databases), and Networking (enabling sensors, home appliances, entertainment and security systems to be networked to each other and the internet, creating the “Internet of Things”).

The MEng includes an extra year after the BEng, allowing you to study advanced modules on real-time and critical systems, and functional programming and real-time dsp, machine learning, music, speech, video and image processing, quality management and network modelling and performance. The programmes prepare you for a wide range of careers related to the computing, internet and manufacturing industries.

For module information, latest entry requirements and further details, please visit:
qmul.ac.uk/HI62, qmul.ac.uk/H163, or qmul.ac.uk/HI6D

Software Engineering for Business

IN10 BSc (three years)

I1N1 BSc (four years with Industrial Experience)

A-level: ABB

GCSE maths grade B or 5 or equivalent also required

IB: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

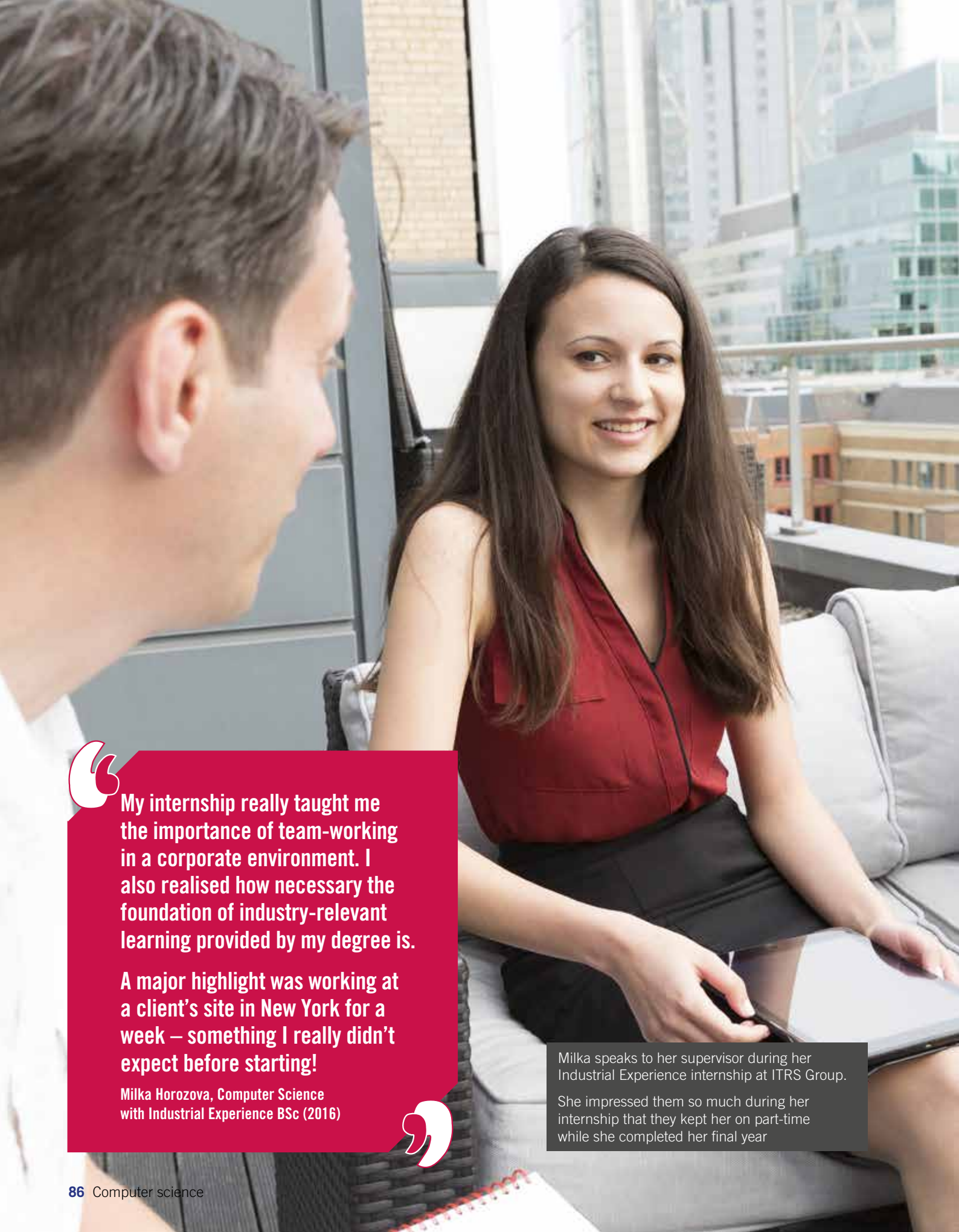


The Software Engineering for Business (SWfB) degree is a result of the collaboration between top UK employers

and universities. Leading graduate employers have designed the framework for the Software Engineering for Business degree, to give you the mix of technical and professional skills they need. Alongside students on the ITMB programmes (see page 165), you will get exposure to up-to-date issues facing the IT industry through weekly Guru Lectures and you will also be invited to exclusive employer/university events, competitions, mock interview sessions and industrial placements.

The course will give you the knowledge, skills, and professional competence to begin practice as a software engineer in a business environment. Core topics include: software engineering principles, programming techniques, solutions to complex problems, innovative software design, professional practice, software lifecycle, interpersonal skills, business solutions, cyber security and cross-platform web development. You will learn about new technologies and modern innovations, demonstrating that you understand the changing nature of emerging technologies. Software Engineering for Business is accredited by the Tech Partnership (a growing network of employers creating the skills for the digital economy) as a Tech Industry Gold degree.

For module information, latest entry requirements and further details, please visit:
qmul.ac.uk/IN10 or qmul.ac.uk/I1N1



“

My internship really taught me the importance of team-working in a corporate environment. I also realised how necessary the foundation of industry-relevant learning provided by my degree is.

A major highlight was working at a client's site in New York for a week – something I really didn't expect before starting!

Milka Horozova, Computer Science
with Industrial Experience BSc (2016)

”

Milka speaks to her supervisor during her Industrial Experience internship at ITRS Group.

She impressed them so much during her internship that they kept her on part-time while she completed her final year



COMPUTER SCIENCE

DEGREE PROGRAMMES

RELATED PROGRAMMES

Creative Computing	97
Information Technology Management for Business	165
Robotics Engineering	119

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

eecs.qmul.ac.uk/people/academic

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com Once we have received your application, we normally make offers within two weeks. You will then be invited to an Open Day, where you will have the opportunity to meet current students and staff.

eecs.qmul.ac.uk/undergraduates

Academic enquiries

School of Electronic Engineering
and Computer Science

Tel: +44 (0)20 7882 7332

email: eecs-ug-enquiries@qmul.ac.uk

eecs.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

eecs.qmul.ac.uk/contact-us

DENTISTRY



Improving the appearance and function of teeth has a real and positive impact on the quality of people's day-to-day lives. However, dentistry is about much more than fillings and scaling teeth: it is a major branch of medicine, encompassing teeth and all the related structures of the head and neck.

Why study dentistry at QMUL?

The Dental School opened in 1911 and we have a long and proud record of internationally recognised excellence in oral and dental science. We aim to offer you the very best student experience – you will study in our modern facilities at The Royal London Hospital and be taught by experts in their field, who are passionately engaged with their subject. We have a new innovative curriculum, with very effective student feedback and monitoring. We have high satisfaction rates among our dental students: in the most recent National Student Survey (NSS 2016), 95 per cent of our students were satisfied overall with the quality of the course.

You will study the care of the mouth, including the prevention and treatment of dental diseases, screening for oral cancers, managing trauma (for example, the results of road accidents or violence), orthodontics and oral surgery.

The Dental School contains a clinical skills laboratory, which closely simulates the real clinical experience and is an invaluable learning facility, helping new students prepare for patient-care work. You will also be able to work in our fantastic new outreach clinics at Barkantine, near Canary Wharf, and at Southend-on-Sea. The School has recently opened a brand new dental outreach clinic – the Sir Ludwig Guttmann Centre in Stratford. The facilities are first-class and students will gain valuable experience from working with patients from the local area.

We are a friendly and supportive School, with exceptionally good pastoral care. Our curriculum is integrated, well-paced and up to date with the latest clinical demands of patients. Our location in east London means that you'll serve a population of great diversity and encounter a wide range of diseases, including some of the more unusual oral cancers.

HIGHLIGHTS

- Dentistry is ranked 3rd in the UK in the 2017 *Complete University Guide* subject rankings 
- Dentistry is ranked 3rd in the UK in the 2017 *Guardian University Guide* subject rankings 
- 1st in London for overall student satisfaction (NSS 2016)
- Our new dental hospital opened in spring 2014, with a modern, innovative curriculum
- Huge diversity of patients and clinical issues
- You will have early patient experience, with extensive outreach exposure
- You will be taught by academics who are leaders in their respective fields
- In the most recent national assessment of university research (REF 2014), we were placed third in the country for the quality of our research (*THE*).

New dental hospital


The Institute of Dentistry moved in to the Alexandra Wing of the Royal London Hospital in Whitechapel in April 2014. Costing in the region of £78m, it is the first new dental school to be built in the UK for over 40 years, and houses state-of-the-art facilities, providing – we believe – the most modern learning environment for dental education of any UK dental hospital.

Assessment

A range of methods is used to assess your progress and acquisition of knowledge and skill, including continuous and annual assessments; formative assessments (which do not count towards your final mark) and Objective Structured Clinical Examinations (which assess your clinical and communication skills). All assessments are focused on you demonstrating your integration of knowledge and its application in practice. Prompt and effective feedback is always provided following your assessments.

Our teaching

With support from your tutors, you will be encouraged to develop an independent attitude to learning. Important features include small group teaching, practical clinical skill sessions, lectures and symposia, communication skills training and an extensive outreach teaching programme.



The Dentistry course at Barts gives you maximum clinical exposure and experience, starting in the first year. To cement our knowledge and develop our clinical skills, we were sent to outreach clinics in Barkantine, the Docklands, Southend and Stratford, which are brilliant; really state-of-the-art equipment and staff who make you feel like an actual dentist rather than a student

Noor Taha, BDS (2015)

AND AFTERWARDS...

How can I use my degree?

Dentists have many career options open to them. They can work in general practice, both for the NHS or privately, in the community or in the armed forces, at home or overseas. As well as becoming a general dental practitioner, all sorts of other openings exist, from oral and maxillofacial surgery to orthodontics; and from children's dentistry to prosthodontics (that's implants, false teeth, etc). You could specialise in periodontology (gum disease), restorative dentistry (fillings, crowns and bridges), or become a lecturer and researcher in any of these areas. Oral pathology – analysing lumps, bumps and so on for cancers and other diseases – is another possibility.

Dentistry can also be a flexible career for those wishing to take time out, to work irregular days or hours, or for those who wish to work in more than one location.

- It's a challenging profession, which will see you learning new skills throughout your career.
- You will meet an interesting variety of people and there is real job satisfaction.
- Dentistry is a well-rewarded career, with good job security and prospects.
- It's practical: as well as being academic and interested in science, you will need to work with your hands too.
- It offers variety: you can acquire different specialisms, work with a range of other professionals and take advantage of travel opportunities.

What our graduates do next

Dental graduates from our School of Medicine and Dentistry initially go on to work as Dental Foundation Trainees, after which they either remain in the NHS or move to the private sector.

Most of our graduates join the NHS Dental Foundation training scheme, some work in clinical roles and others choose to work in private practice. The national salary in 2015 for all Dental Foundation Trainees was just over £30,000.

How we support you

Throughout the course, you will have access to a bespoke careers programme. This includes specific workshops, talks and practical sessions to prepare

Jonathan Lewney

Studied: Dentistry

Currently: I recently graduated as a dentist from Barts and The London and am now completing my second year as a foundation dentist.

What were the highlights from your time here?

An innovative curriculum, huge diversity in the patients I treated and everything London has to offer so close by are some of the major plus points of studying dentistry at QMUL. The real highlight, however, is the people; clinical tutors and academic staff, nurses and the student support staff, who all did so much to make my time as rewarding and enjoyable as possible.

Do you feel the School prepared you well for practice?

The real test of a good dental school is its graduates. The many friends I made during my time here all agree that we've been extremely well prepared for this first year in practice.

you for the Assessment Centre when applying for your first job as a dental professional, as well as looking at specialist options for the future.

You are encouraged to build your extracurricular work experience throughout your period of study, through, for example, our award-winning QProjects work experience scheme (see page 10 for further details).

The teachers work hard to develop a stimulating and unique learning experience at QMUL. We genuinely care about the students' personal and academic welfare, with the ultimate aim of producing the next generation of dentists fully prepared for the rapidly changing world

Dr Jason Berry, BDS, Clinical Senior Tutor

DENTISTRY

DEGREE PROGRAMMES



Dentistry

A200 BDS (five years)

Students starting linear A-levels from September 2015 (awarding bodies in England):

AAA including biology or chemistry and a second science from biology, chemistry, maths or physics

Students who started A-levels before September 2015:

AAAB including at least B in AS biology and chemistry and at least two science A-levels from biology, chemistry, maths or physics

Important notes:

1. Students offering a combination of modular and linear A-levels are advised to contact smdadmissions@qmul.ac.uk for advice about entry requirements.
2. A-levels must be taken in one sitting over a two-year period. Resits are not accepted, unless protected under the Equality & Diversity Act 2010 (documentary evidence in such cases is required by 1 September in the year of entry).
3. General studies, critical thinking and further maths (if taken together with maths) are not accepted.
4. Minimum six GCSE passes required at AAABBB or 777666 including English and maths (in any order).
5. You are advised to read our detailed admissions criteria at: smd.qmul.ac.uk before applying.

IB: 38 overall with HL 666 including biology or chemistry and a second science or maths. Biology or chemistry must be taken at SL if not taken at HL

UKCAT: For school leavers/gap year students and graduates, applicants will be ranked according to a 50:50 weighting applied to their UKCAT score and academic ability, as measured by UCAS tariff, or academic ability for graduates based on a weighting of degree classification or postgraduate degrees

BTEC: Not accepted

This five-year course, leading to the Bachelor of Dental Surgery, provides a modern curriculum with a globally aware, student-focused, integrated, multidisciplinary approach to the acquisition and use of knowledge, which promotes oral health and provides patient-centred, evidence-based care; develops the knowledge, skills, values, attributes and behaviours

of a dental professional; recognises the need for lifelong learning and professional development, and promotes the awareness of knowledge creation.

One of the most interesting areas of this programme is your elective period in Year 4, which you will spend studying in the UK or abroad. The elective period is self-funded and its cost varies depending on the length and location of your elective. Some electives, particularly in the USA and Australia, carry costs from the host institution of up to £6,000, whereas others may carry no additional expense. The cost of flights and accommodation should also be factored in when adding up the costs for an elective.

For module information and further details, please visit:
qmul.ac.uk/A200

LIFE SCIENCES RELATED PROGRAMMES

Life sciences are seen internationally as a growing research area and part of a thriving global industry. You may be interested in these other related programmes:

Biomedical		Dental Materials	193
Engineering	125	Global Health	153
Biomedical Sciences	56	Neuroscience	57

See page 212 for more details or visit: qmul.ac.uk/studylifescience

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

smd.qmul.ac.uk/about/whoswho

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com

Enquiries

School of Medicine and Dentistry

Tel: +44 (0)20 7882 8478

email: smdadmissions@qmul.ac.uk

smd.qmul.ac.uk



BartsTheLondon

DESIGN AND CREATIVE COMPUTING

The study of design explores the process of inventing products that help to improve our lives. An important part of design involves problem solving; designers aim to find the optimum solution to meet as many users' needs as possible. There will never be one solution to a problem; a solution is a "best fit", following consideration of issues such as budget and aesthetics, while always recognising the end-user.

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

To succeed in a professional capacity, designers must have excellent communication skills, which may include the ability to sketch an initial idea, present a product to a client or explain a concept to an engineer. These are some of the professional skills you gain on our design degrees.

Why study design at QMUL?

At QMUL, we offer three degrees that explore design and creativity, shared across our Schools of Engineering and Materials Science (SEMS) and Electronic Engineering and Computer Science (EECS):

- Design, Innovative and Creative Engineering (DICE)
- Creative Computing
- Materials and Design

The School of Engineering and Materials Science and the School of Electronic Engineering and Computer Science were both rated highly in the most recent Research Excellence Framework (REF 2014). SEMS was ranked 7th out of 62 institutions conducting research in the area of 'General Engineering', EECS was placed 11th in the country for computer science research and 6th for electronic engineering.


HIGHLIGHTS

- Innovative teaching that combines engineering, technology and the creative arts
- Design tutorials hosted by visiting professional designers, most with experience from the Royal College of Art (RCA)
- You benefit from a dedicated undergraduate Design Studio, where you can develop your projects
- Excellent laboratory facilities: we are investing £30m in our labs, focused around dedicated teaching areas for our undergraduate students. You will also have access to our Informatics Teaching Laboratory, with over 300 multimedia workstations
- Creative Engineering Hub (due to open in summer 2017) with maker space, fabrication, 3D printing, and an exhibition space.

Our staff are at the forefront of their area of specialism. This "world-leading" and "internationally excellent" research feeds directly into your experience and particularly your final-year project; you will be taught by people who are making significant contributions in their field and who will pass on their knowledge and enthusiasm to you.

At QMUL, you will benefit from:

- a unique qualification that combines design creativity and technological understanding
- strong links with design in the engineering industry
- our location in east London, as part of a flourishing art, design and digital creative community
- excellent workshop facilities and dedicated space for design and creative computing students.



Our staff are dedicated to making you think – and therefore design – in the most innovative way possible

Teaching

Our course materials are taught by a combination of lectures and student-centred approaches, such as problem-solving classes, laboratory practicals and a variety of coursework. Supporting you in your learning is very important to us and we recognise that students often need help with the transition to university. As a result, we have developed first- and second-year modules to help you adapt to the challenges and requirements of reading for a degree, and to prepare you for work in industry.

In addition – uniquely for our design students – we have specific workshop modules led by our design specialists. You will undertake a number of design projects throughout your degree, building on skills gained through your taught modules, including programming and electronics as well as design. Final-year projects are focused on the internationally recognised research that takes place within EECS and SEMS. Our student-led group design projects, for third-year DICE students, are frequently sponsored by industry and provide a valuable insight into real-life engineering design and project management.

Enhance your career prospects with a year in industry

We offer three-year degrees plus a year in industry with the Industrial Experience option. This option means you take four years to complete your BEng, with your third year spent working in a role directly related to your studies. It allows you to apply your skills in a professional context, giving you an important edge in the graduate job market. Our specialist Industrial Placement Managers are on hand to help you search and apply for your placement and provide support throughout your year in industry.

QMUL's design programmes merge design with science and engineering in a unique way – no other university can compare!

Billie Moore, Materials and Design
BEng (2016)

AND AFTERWARDS...

How can I use my degree?

Design lies between art and science as it combines both creative and logical thinking. Graduates from QMUL not only understand and apply the latest technologies: they are also designers with a vast knowledge of creative design processes, design principles and their applications.

What our graduates do next

Our graduates have an in-depth understanding of new technological developments and socio-cultural requirements in product development. This combination is unique to QMUL and ensures good career prospects in a wide range of industries, particularly those associated with design and product development.

The broad range of skills gained through our courses, coupled with opportunities for extracurricular activities and work experience, has enabled our graduates to move into varied roles, including:

- Graduate Design Engineer
- Designer
- Industrial Designing Engineer
- Senior Design Engineer
- Design Researcher
- Lecturer in Design
- Graduate Trainee

Several students set up their own enterprises after graduation, others work freelance or work for other companies. Examples of recent graduate destinations include:

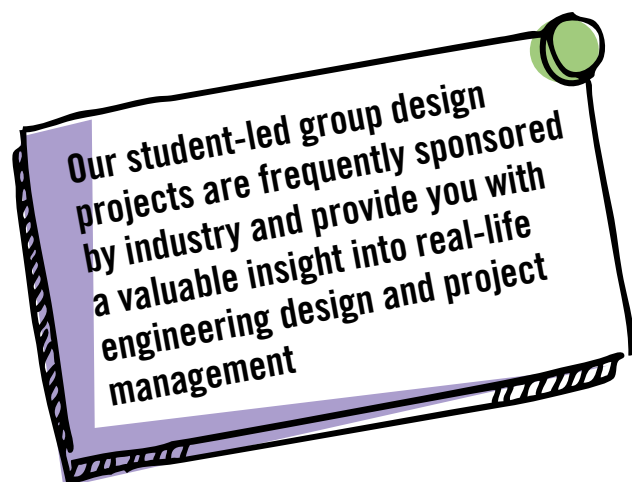
- Dyson
- Adidas
- Ministry of Defence
- DCA
- Special Projects
- Hackmasters
- Ravensbourne
- EY (formerly Ernst & Young)

How we support you

Throughout your time at QMUL, you will have access to a careers programme that prepares you for internships and graduate-level work. This programme includes workshops on finding and applying for jobs, as well as employer events where you can network.

In the School of Engineering and Materials Science (SEMS), we hold weekly careers sessions on all aspects of securing suitable graduate employment. In addition to these sessions, the SEMS Industrial Liaison Forum meets to provide an opportunity for students, academics and all of our contacts from the engineering and materials science industries to interact on a twice-yearly basis.

The Materials and Design programme (offered by SEMS) and the Creative Computing programme (offered by EECS) are also available with a year of Industrial Experience, providing you with invaluable work experience. These opportunities are substantially enhanced by our location, close to Canary Wharf and the City. A dedicated Industrial Placement Manager in each school will help you search and apply for your placement and provide support throughout your year in industry.



DESIGN AND CREATIVE COMPUTING

DEGREE PROGRAMMES

Design, Innovation and Creative Engineering

4A33 BEng (three years)

4L71 MEng (four years)

A-level: MEng: AAA/BEng: AAB

Must include maths or physics and one from maths, physics, chemistry, design technology, and art and design

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. HL 5 accepted in maths

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

This practical design programme allows you to develop strong creative design capabilities alongside scientific and engineering knowledge that you will gain in the programme. The core design studio modules, which run over the third and fourth years of your programme,

encourage you to think and develop as an independent designer, backed up by support from visiting professional designers. Modules from SEMS and EECS, including materials selection in design, engineering instrumentation, creating interactive objects, interaction design – cover engineering, materials and multimedia skills, providing students with the knowledge of technology to underpin their creative designs.

For module information and further details, please visit: qmul.ac.uk/4A33 or qmul.ac.uk/4L71

Materials and Design

J590 BEng (three years)

J591 BEng (four years with Industrial Experience)

A-level: ABB including two from maths, physics, chemistry and design technology

IB: 32 overall with 655 in HL including two from maths, physics, chemistry and design technology. HL 5 accepted in maths

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


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 and will combine your creative and scientific skills to carry out a major industry-sponsored individual design project. 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.

For module information and further details, please visit: qmul.ac.uk/J590 or qmul.ac.uk/J591



Having studied at both Imperial and the Royal College of Art, as well as running my own design consultancy, I can ensure that the content that I teach, and the challenges I present in the coursework, are both relevant and realistic. My aim is to present my students with a unique learning experience that is distilled from my 15 years of professional practice

Adam Sutcliffe, Senior Lecturer
in Engineering and Design



The broad range of expertise you will encounter in this programme will lead you to greater levels of creativity

Lecturers are clearly passionate and innovative, due to their use of QMplus and QReview. My programme teaches me to be an all-round person with many different skills

Chierol Lai, Design, Innovation and Creative Engineering BEng (2017)

DESIGN AND CREATIVE COMPUTING

DEGREE PROGRAMMES

Creative Computing

I152 BSc(Eng) (three years)

I153 BSc(Eng) (four years with Industrial Experience)

A-level: ABB

GCSE maths grade B or 5 or equivalent also required

IB: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

On this degree, you will learn the core skills for new media production – interactive media design, arts computing, creating interactive objects – as well as understanding the theory that underpins computer and multimedia systems.

To develop these technical and creative skills, you'll have access to our computer and multimedia labs, our recording studios and our performance space.

Modules that you can take include: arts programming, multimedia, design studio, web design and authoring, interactive media design and production, sound design, interaction design, digital media and social networks. In addition, you can choose options including design for human interaction, graphical user interfaces, sound recording and production techniques, and entrepreneurship.

Students from this degree will have a portfolio of artistic, design and technical skills to fulfil many posts in the creative industries within Tech City and beyond. The UK creative digital industries face a shortage of talent:

the boundaries between digital and creative are blurring and few people have the combination of creative and technical knowledge and skills that employers are looking for. Despite continued growth in the sector, thousands of digital creative positions still go unfilled. Graduates with the blend of creativity and technical skills that our Creative Computing degrees provide are particularly sought after.

For module information, latest entry requirements and further details, please visit: qmul.ac.uk/I152 or qmul.ac.uk/I153

I really enjoy teaching programming to the first-year Creative Computing and DICE (Design, Innovation and Creative Engineering) students. People have imbibed so many myths about programming, so it's really rewarding to work with students and watch them glow with pride when solving problems. Seeing students code creatively to visualise data – from Doctor Who to premiership salaries – for interactive work is always a highlight

Dr Karen Shoop, Lecturer in Digital Media
& DICE Co-Director





Having the opportunity, through my degree, to attend the IBM Best Student Recognition event was a real honour. I felt privileged to share and work with such smart, intellectual individuals

Balwinder Singh, Multimedia and Arts Technology with Industrial Experience BSc(Eng), now Creative Computing with Industrial Experience BSc(Eng) (2018)



When Balwinder's team won the main challenge at the IBM event they were awarded Arduino kits. Here he is rocking out on a guitar controlled by Arduino

DESIGN AND CREATIVE COMPUTING DEGREE PROGRAMMES

RELATED PROGRAMMES

Computer Science	83
Electronic Engineering	118
Materials Science and Engineering	193
Mechanical Engineering	126

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

sems.qmul.ac.uk/staff

eecs.qmul.ac.uk/people

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com

Once we have received your application, we normally make offers within two weeks. You will then be invited to an Open Day, where you will have the opportunity to meet current students and staff.

sems.qmul.ac.uk/ugadmissions

eecs.qmul.ac.uk/undergraduates

Academic enquiries

School of Engineering and Materials Sciences

Tel: +44 (0)20 7882 8736

email: sems-ugadmissions@qmul.ac.uk

sems.qmul.ac.uk

School of Electronic Engineering and Computer Science

Tel: +44 (0)20 7882 7332

email: eecs-ug-enquiries@qmul.ac.uk

eecs.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

DRAMA

Drama at QMUL provides you with the knowledge base and practical foundation to enable you to explore your performance interests from contemporary live art to historical drama.

Our one-of-a-kind programme asks you to venture out of the studio and seminar room to see performance work in and outside of theatres. You'll also be asked to investigate a wide range of related cultural practices and questions. How does a performance's place in a city or community make a difference to how we understand it? How might the arts be used to explore and contribute to social justice? What happens when we think about tourism, or political protest, or sport as performance? Why might a culture want to perform aspects of its past? Through making performance and through asking questions like these, you will become an independent critic and artist, gaining valuable skills and ideas for a future in the creative industries.

During your degree, you will explore historical and contemporary performance modes through a combination of practice and theory. You will develop the skills to articulate and argue a position through writing, and you will use your own performance work as a way of exploring questions about the world we live in.

Why study drama at QMUL?

Our location – We offer you the opportunity to study drama in the cultural heart of London, one of the world's greatest performance cities and home to many of Europe's creative industries.

Industry links – We have well-established links with key national institutions such as Shakespeare's Globe, Barbican, and Live Art Development Agency, as well as arts and community organisations in London's East End.

Performance-makers as well as lecturers – You will work with active practitioners and arts professionals. As well as enhancing your studies, these links will increase your networking and work placement opportunities.

HIGHLIGHTS

- We help you to develop as an informed theatre and performance maker.
- Our staff are world-class academics and artists who will work with you to make learning challenging and exciting.
- In the 2016 National Student Survey, 98 per cent of our Drama students praised the quality of our teaching.
- We support you to develop your own work, including opportunities to perform at Drama's own events and in festivals and performances run by our student-led theatre company, who take work to the Edinburgh Fringe every year.
- We provide a varied degree programme so you can get a strong foundation across a range of areas, then study the varieties of performance that interest you.
- Theatre trips, practical performance modules and technical inductions are an essential part of the programme.

Lecturers who change the field – You will be studying alongside academics who are leaders in their field. In the 2014 Research Excellence Framework (REF), we were ranked first of all the UK's Drama and related departments for the quality of our research. Our staff use their own theoretical and practical research to inform their teaching and help you think in original ways.

Choice – Not everyone is interested in the same types of performance culture. Our diverse faculty offers a wide range of modules so you can pursue the areas that intrigue and engage you.

Teaching

We aim to develop graduates who are scholar-artists, who excel in the world of ideas as well as on stage and in the studio. Your teaching will be active and dynamic, involving collaborative work with other students, while remaining focused on individual development. Teaching



happens in small seminars, workshops, small lectures and tutorials. Some modules will also include field trips, visits to performances, and workshop activities outside QMUL (such as visits to local schools or arts organisations). These may sometimes be free; others will incur costs for students, including travel within London and the purchasing of tickets to shows and exhibitions (often at a group discount rate).

Assessment

Assessment includes written and practical assignments, which might feature lecture-demonstrations, essays, critical reviews, funding applications and performances. As drama frequently involves working with others, some assessment is based around group work.



Before coming to QMUL, I knew little about live art. Studying drama has enabled me to thoroughly explore the field. Thanks to the passionate team of lecturers, who have all been amazingly inspirational, I graduated with a solid set of knowledge and experience which I confidently apply to my practice as a Performance Artist

Moa Johansson, Drama BA (2016)



AND AFTERWARDS...

Why study drama?

Graduates from the School of English and Drama go on to work in a wide variety of roles in a range of sectors, including the arts, publishing, the media and charity.

What can I do afterwards?

The national 2015 destination survey confirmed that 95 per cent of our full-time, UK-domiciled graduates from the School of English and Drama were in employment or study six months after graduation, with 80 per cent of this group already working or studying at graduate level.

The broad range of skills gained through our modules, coupled with multiple opportunities for extracurricular activities and work experience, have enabled our students to move into careers such as:

- Events Manager, National Theatre
- Freelance TV Producer
- Puppeteer, Shakespeare's Globe
- Cultural Programming Assistant, Mothership Group
- Visiting Director/Workshop Co-ordinator, Ilkhome Theatre
- General Manager, Odeon
- Runner, BBC
- Freelance Theatre Practitioner
- Junior Sales Executive, The FDM Group
- Subject Specialist, Pearson
- MA and PhD students at QMUL

How we support you

Throughout the course, you have access to our annual Careers and Enterprise programme to prepare you for internships and graduate-level work.

This includes:

- Tailored workshops to help you identify your career options.
- One-to-one appointments with a Careers Consultant or Application Adviser for tailored careers advice and ongoing support.
- Online support and vacancies: a dedicated Careers section in our online learning environment that has up-to-the-minute job opportunities, resources and advice.
- Enterprise support for those interested in running their own commercial or social enterprise. For further details, please see page 12 or visit careers.qmul.ac.uk/enterprise

Edie Edmundson

Studied: Drama BA (2015)

Currently: Puppeteer and Theatre Maker, appearing in *The Little Match Girl*

What was your favourite thing about studying at QMUL?

Studying Drama at QMUL really opened my eyes to a wide range of live art and performance I would not have come across otherwise. The work we studied and also the incredible work created by students as part of the course really broadened my horizons when it came to my options post-uni. I think my favourite thing about QMUL in general probably has to be the location... the East End has so many great venues and interesting things going on. And coming from a small town in Devon, the chance to meet people from all over the world was brilliant.

How did QMUL prepare you for work?

The course encouraged me to interrogate art and performance and place it in a wider context in a way I had never done before – something I think is very useful for anyone considering a career in the arts! I loved working with the visiting artists, performing in Queen Mary festivals and doing work placements while I was on the course.

You can continue to use our Careers and Enterprise Centre services for two years after your graduation.

Work experience

We encourage you to build your work experience throughout your period of study. See page 10 for more information on QProjects, our award-winning work experience scheme, and the range of options open to you, from internships to part-time work, full-time jobs and volunteering.

You can also volunteer for our Students' Union's media outlets, which include QMTV, Quest Radio, *The Print* newspaper and *CUB* magazine. See: qmsu.org/studentmedia

For more information about our careers programmes and the support we offer you, please visit: careers.qmul.ac.uk

DRAMA

DEGREE PROGRAMMES

Drama

W400 BA (three years)

A-level: ABB with A in an arts/humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL 6 in an arts/humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Drama at QMUL allows you to study performance from a variety of cultures and historical periods. It is taught as an active and dynamic subject, involving collaborative work with other students while remaining focused on individual development.

This programme offers a practical and theoretical investigation into the ways in which drama and performance can be used in different settings – art galleries, schools, prisons, museums, theatres and the street, across the UK and internationally. Through a grounded exploration of the act of performance, you are encouraged to become a scholar-artist with your own interests and expertise.

For module information and further details, please visit: qmul.ac.uk/W400

English and Drama

QW34 BA (three years)

A-level: ABB including A in English literature or English language and literature. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL 6 in English A

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade A in A-level English literature or English language and literature required in addition

This joint degree programme will engage you in the study and practice of performance, and the reading of texts from a broad spectrum of genres and periods. It combines practical and theoretical study in a wide range of interconnected areas, providing you with a variety of approaches to drama and literary studies as active and dynamic subjects.

Along with an understanding of how approaches to drama and English complement one another, you will be encouraged to locate texts and performances in their political, cultural and historical contexts.

For module information and further details, please visit: qmul.ac.uk/QW34

Film Studies and Drama

WW46 BA (three years)

A-level: ABB including an arts/humanities/social sciences subject and at least one essay-based subject. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL 6 in an arts/humanities/social sciences subject and at least one essay-based subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This degree offers an exciting opportunity for you to study the dramatisation of our world across live and recorded media, and to explore interrelated concepts such as production, mise-en-scène and spectatorship. You will be introduced to theories of performance and representation and to key critical practices of film and contemporary and historical theatre. The practices you encounter will stimulate questions about the issues involved in the historical and theoretical study of film and drama. You will be encouraged to pursue your own practical projects alongside formal teaching.

For module information and further details, please visit: qmul.ac.uk/WW46



Sh!t Theatre are a Queen Mary graduate company and have won the Total Theatre Award for Best Emerging Company and a Fringe First Award. Photo by Hannah Maxwell

We started working together as Sh!t Theatre in our final year. Without the inspiration, guidance and encouragement of the drama department we never would have made anything at all. They struggle to keep us away from QMUL even now

Rebecca Biscuit, English and Drama BA (2010)
and Louise Mothersole, Hispanic and Drama
BA and Theatre and Performance MA (2011)

DRAMA

DEGREE PROGRAMMES

French and Drama

WR41 BA (four years)

German and Drama

WR42 BA (four years)

Hispanic Studies and Drama

WR44 BA (four years)

Russian and Drama

WR75 BA (four years)

A-level: ABB, including A-level French for WR41, and, for other programmes, GCSE in a language or experience of learning a language other than your mother tongue. An A-level in an arts/humanities/social sciences subject and at least one essay-based subject are also required for all programmes. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL 5 in French for WR41. An essay-based subject in a humanities/social sciences subject is also required

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. A-level French grade B required in addition for WR41, or, for other programmes, experience of learning a language other than your mother tongue

Studying drama and a modern language gives you the opportunity to explore the connections and interactions between cultural and linguistic performances. You will receive intensive language training and be instructed in the key concepts and techniques required to study theatre, performance and the written word. You will also engage with a variety of performance and cultural traditions that inform both disciplines and you will be able to investigate the parallels between the two.

In your third year, you will deepen your understanding of your chosen language by spending a year working or studying in a country where it is spoken. During this year, you will pay a reduced tuition fee to QMUL, currently 15 per cent of current undergraduate fees. (For guidance, in 2016/17, Home/EU students paid £1,350; while international students paid 50 per cent of that year's tuition fee for their programme.)

Please note: you will not pay a fee to the host university while abroad, but you will be expected to cover your accommodation and living costs.

For module information and further details, please visit: qmul.ac.uk/WR41, qmul.ac.uk/WR42, qmul.ac.uk/WR44 or qmul.ac.uk/WR75

RELATED PROGRAMMES

English	133
Film Studies	139

FIND OUT MORE

Our programmes qmul.ac.uk/undergraduate/coursefinder

Our academics sed.qmul.ac.uk/drama/staff

Fees and funding qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com
If you receive an offer from us, you will be invited to an open day, where you will have the chance to meet current students and staff, tour the campus, and attend workshops showcasing our teaching.

Academic enquiries

School of English and Drama
Tel: +44 (0)20 7882 8571
email: sed-admissions@qmul.ac.uk
sed.qmul.ac.uk/drama

 @QMULsed

General enquiries

Freephone (UK callers only): 0800 376 1800
Tel (international students): +44 (0)20 7882 5511
email: admissions@qmul.ac.uk

ECONOMICS AND FINANCE

Economics is about the real world: about how people respond to incentives, and the production and allocation of resources. Think how many news items involve economics: the global recession, tax, interest rates, prices and the job market.

There are three major strands in economics:

- Microeconomics examines the individual firm and consumer, attempting to understand their behaviour and motivations
- Macroeconomics focuses on the economy as a whole, covering major themes like unemployment, taxation, investment, inflation and so on
- Quantitative analysis is the use of statistics to investigate the quantitative relationship between economic variables in order to inform policy analysis and forecasting.

Why study economics and finance at QMUL?

The excellent quality of teaching and research within the School of Economics and Finance at QMUL is widely acknowledged. Economics at QMUL was ranked in the UK top 10 for research power in the Research Excellence Framework (REF 2014). According to the National Student Survey 2016 (NSS), our students had an overall satisfaction score of 89 per cent for economics, 92 per cent for finance, with 100 per cent in Economics, Finance and Management (LN12). We are a young, international school, with staff from all over Europe and beyond, and links to important institutions in the City and further afield.

You can choose from a wide range of study options, and benefit from a varied schedule of visiting speakers and an established exchange programme that allows you to spend a year in either the USA, Australia, China or Singapore or a semester in Italy, Denmark or Spain.

HIGHLIGHTS

- We were ranked 8th in the UK for Finance by *The Times* and the *Sunday Times* University Rankings 2016.
- You will be taught by leading researchers who actively engage with you.
- We had an overall satisfaction score of 89 per cent for economics, 92 per cent for finance and 100 per cent for management in the latest NSS results, with 100 per cent in Economics, Finance and Management (LN12).
- Our wide range of extracurricular activities provides you with opportunities outside the classroom.
- We have a well-developed advisory and student support system.
- We have a dedicated School Careers Consultant, Careers events and a dedicated Internships Co-ordinator.
- Our new study skills and careers modules prepare you for both study and work.
- We have Investment Management Certificate (IMC) accreditation from the Chartered Financial Analyst Society (CFA) UK.
- We are recognised as a Centre of Financial Excellence by the Chartered Institute for Securities and Investment (CISI).
- We have a varied programme of expert lectures and guest speakers.

We offer you excellent resources, including 22 Bloomberg terminals providing access to the latest banking and financial industry software. We also subscribe to the major statistical databases and software packages used by economists in finance or in government for data analysis and simulation. We have two dedicated computer labs for the exclusive use of our students, as well as free subscriptions to the *Financial Times* and *The Economist*.

Outside the classroom, you will have the opportunity to engage in various extracurricular activities that will further your understanding of economics and finance: these include the Research Assistant Scheme, the Book Club, economics debates, imagery and essay competitions, and football tournaments. The School also hosts and supports two very dynamic and active societies: the Economics Society and the Trading and Investment Society.

Assessment

Our assessment is structured to develop critical transferable skills that will prepare you for your future career: presentations, essay and report writing, group work, research and project work, multiple choice tests, in-class tests and exams.

Our teaching

On average, you will have around three hours of weekly contact time per module, complemented by the independent reading, writing and problem-solving required by each lecturer. A variety of teaching methods are used, ranging from student-led activities to problem-based learning.



The standard of teaching overall is of high quality and the teaching staff are very helpful and supportive

Daniel Bui,
Economics BSc (2017)



AND AFTERWARDS...

Why study economics and finance?

Graduates from our School of Economics and Finance work in a variety of careers. Most people apply their degree knowledge directly, working in insurance, banking and accounting. Others transfer skills gained during study into sectors such as marketing or law.

An economics degree develops a very useful (and highly sought after) combination of attributes: mathematical ability, literacy and an understanding of abstract economic theory. This makes you extremely attractive to employers. Economics graduates have very good career prospects – and earnings potential – thanks to their transferable skills, which include numeracy, analytical ability, problem-solving and data analysis software skills.

What our graduates do next

The national 2015 destination survey confirmed that 92 per cent of the School's full-time, UK-domiciled graduates were in employment and/or study six months after graduation, with 91 per cent working at graduate level.

The broad range of skills gained through this course, coupled with multiple opportunities for extracurricular activities and work experience, has enabled our students to move into careers with employers such as:

- Aviva
- Bank of England
- Barclays
- Department for Environmental, Food & Rural Affairs
- EY (formerly Ernst & Young)
- Goldman Sachs
- KPMG
- Lloyds Banking Group
- PricewaterhouseCoopers
- State Street Global Advisors

How we support you

Our bespoke careers programme prepares you for internships and graduate-level work and includes employer-led workshops on job applications, interviews and employer networking events. This is managed by the School's dedicated Careers Consultant and our Internships Co-ordinator, who both work closely with the Careers and Enterprise Centre.

School of Economics and Finance workshops and events

We run a series of optional workshops and events to help our students to identify career options, train them in recruitment and selection methods, and offer networking opportunities. These are tailored to the needs of students from the School of Economics and Finance and run by the School's Careers Consultant or central Careers and Enterprise Employer Engagement Team. The programme for 2016/2017 includes a month of Focus on Finance events, featuring sessions such as Careers in Accountancy, Careers in Insurance, Investment Banking: Is it for you? and a Business and Finance Fair. The programme also includes regular workshops for undergraduates and postgraduates, on topics such as conducting an effective job search, finding work in the UK for international students and interview skills.

Employer-led events

With over 120 employer-led events per year, ranging from workshops and networking sessions to our careers information fairs, there are plenty of opportunities to network with organisations looking to recruit QMUL students. Major employers on campus in 2015/16 of interest to the School of Economics and Finance included Deloitte, EY, Goldman Sachs, HM Treasury, HSBC, Morgan Stanley, PwC and Santander, in addition to events run by ACCA and Bloomberg. You can access jobs with smaller and specialist employers via QRecruit placement schemes and QM JobOnline.

Work experience

We encourage you to build your work experience throughout your period of study. See page 10 for more information on QProjects, our award-winning work experience scheme, and the range of options open to you, from internships to part-time work, full-time jobs and volunteering.

Read more about our careers programmes and the range of work experience available on our Careers and Enterprise Centre pages: careers.qmul.ac.uk.

ECONOMICS AND FINANCE

DEGREE PROGRAMMES

Economics

L100 BSc(Econ) (three years)

A-level: AAA including maths

IB: 36 overall with 666 in HL subjects and at least 6 in SL maths

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

In the first two years of our single honours Economics programme, you will cover core topics of macroeconomics, microeconomics and the quantitative techniques used in economic analysis and investigation. Final-year options enable you to apply this core knowledge to a variety of more specialised areas such as labour economics, industrial economics, health economics, financial economics and business cycles. Some of your work will use the networked terminals in the School's computer laboratories, giving you valuable practical experience.

For module information and further details, please visit: qmul.ac.uk/L100



Economics and Finance

LN13 BSc(Econ) (three years)

A-level: AAA including maths

IB: 36 overall with 666 in HL subjects and at least 6 in SL maths

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

This single honours degree will prepare you for a career in economics, banking and finance. It provides an entry route for both private and public sectors, as well as for further academic studies. After core modules in macroeconomics, microeconomics and quantitative analysis in your first year, you will study more applied microeconomics and macroeconomics, as well as financial topics such as asset pricing and corporate finance. The wide choice of option modules in the third year will allow you to direct your studies to the areas that interest you most. The latter could range from quantitative methods in finance to corporate strategy and management of technology.

This degree programme is accredited with the Investment Management Certificate (IMC) from the Chartered Financial Analyst Society (CFA) UK.

For module information and further details, please visit: qmul.ac.uk/LN13

ECONOMICS AND FINANCE

DEGREE PROGRAMMES

Economics, Finance and Management LN12 BSc(Econ) (three years)

A-level: AAA including maths

IB: 36 overall with 666 in HL subjects and at least 6 in SL maths

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

This single honours degree places emphasis on modules that are most relevant to future careers in business and/or finance. You will take basic modules in microeconomics, macroeconomics, fundamentals of management and quantitative analysis in the first year. For the remaining two years of the programme, you will combine modules in microeconomics, financial economics and business studies. A wide range of module options means you can direct your studies to the areas in economics, finance and management that interest you most.

This degree programme is accredited with the Investment Management Certificate (IMC) from the Chartered Financial Analyst Society (CFA) UK.

For module information and further details, please visit: qmul.ac.uk/LN12

Economics and Finance with a Year in Industry L1N3 BSc(Econ) (four years)

A-level: AAA including maths

IB: 36 overall with 666 in HL subjects and at least 6 in SL maths

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

This single honours degree will prepare you for a career in economics, banking and finance. It provides an entry route for both private and public sectors, as well as for further academic studies. You will study macroeconomics, microeconomics and quantitative analysis, as well as financial topics such as asset pricing and corporate finance. During your year in industry, you will have the opportunity to put your skills and understanding of economics into practice in a real-world environment, gaining invaluable experience for your future career.

For module information and further details, please visit: qmul.ac.uk/L1N3



Economics and International Finance

L13N BSc(Econ) (three years)

A-level: AAA including maths

IB: 36 overall with 666 in HL subjects and at least 6 in SL maths

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

This single honours degree will prepare you for a career in economics, banking and finance, with a focus on international finance. It provides an entry route for both private and public sectors, as well as for further academic studies. After core modules in macroeconomics, microeconomics and quantitative analysis in your first year, you will study more applied macroeconomics and microeconomics as well as modules in international finance and international trade. The wide choice of optional modules in your final year will allow you to direct your studies to the areas that interest you most. The latter would range from quantitative methods in finance to corporate strategy and the management of technology.

For module information and further details, please visit: qmul.ac.uk/L13N



I love QMUL because of the very good quality of its students: I find them intellectually engaged. From the perspective of a lecturer, this may be challenging, but it is also very interesting and stimulating

Dr Daniela Tavasci, Senior Lecturer



Economics, Statistics and Mathematics

LG11 BSc(Econ) (three years)

A-level: AAA including maths

IB: 36 overall with 666 in HL subjects including maths

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

This joint honours degree will prepare you for a career involving quantitative methods in economics. It provides an entry route for both private and public sectors as well as for further academic studies. After core modules in macroeconomics, microeconomics and quantitative analysis in the first year, you will study more applied microeconomics and macroeconomics. The wide array of option modules in the third year will also allow you to direct your studies to the areas that interest you most. The latter could range from quantitative methods in economics and finance to corporate strategy and management of technology.

For module information and further details, please visit: qmul.ac.uk/LG11

Economics and Politics

LL12 BSc(Econ) (three years)


A-level: AAA including maths

IB: 36 overall with 666 in HL subjects and at least 6 in SL maths

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

Economics and Politics confront issues across the world: the global recession, tax, and the job market. This joint honours programme will explore intersecting issues related to economics, politics and the policy-making process. In your first year, half of your modules will be in economics and half will be in politics. In your second and third years, you can choose to specialise. This degree is especially suited to those with an interest in public policy and government decision-making.

For module information and further details, please visit: qmul.ac.uk/LL12



“After completing my degree, I am certain that this course is perfectly designed to prepare you for the workplace. It provides you with great knowledge of finance and business without leaving behind the basic macro and micro economic theories. This course also allowed me to successfully complete an internship in a global financial company, and secure a position as a graduate analyst

Kateryna Hrynychak, Economics, Finance and Management BSc graduate (2016)

ECONOMICS AND FINANCE

DEGREE PROGRAMMES

Study Abroad

You can choose to spend your second year studying similar economics modules at a university abroad for one semester or a year. This exciting opportunity forms part of your degree and will not increase the length of your course.

You can apply to study at the following institutions:

- George Washington University, USA
- Hunter College, City University of New York, USA
- Nanyang Technological University, Singapore
- Shanghai University of Finance and Economics, China
- University of California, USA
- University of Hong Kong, China
- University of Melbourne, Australia
- University of Pennsylvania, USA
- University of Richmond, Virginia, USA
- University of Sydney, Australia
- The University of Toronto, Canada
- University of Western Australia, Perth, Australia
- Waseda University, Japan (year-only option)

For more information, please see: qmul.ac.uk/undergraduate/exchange/index.html

Tuition fees

If you study abroad for the full academic year, the tuition fee will be 15 per cent of the full-time rate for students who qualify for the Home/EU tuition fee classification at QMUL. Students who have been classified as Overseas for tuition fee purposes at QMUL and go abroad for the full academic year will pay 50 per cent of the full-time rate. If you are going abroad for part of an academic year (one semester), and you will be spending at least 10 weeks at QMUL, you will be liable for all of the QMUL tuition fee. You will not pay an additional tuition fee to the overseas institution. All living costs such as travel, accommodation, living expenses, health insurance, campus charges etc must be met by you.

RELATED PROGRAMMES

Accounting and Management	63
Financial Mathematics	201
Mathematics and Statistics	199
Mathematics, Business Management and Finance	200
Mathematics, Statistics and Financial Economics	201
Mathematics with Finance and Accounting	201
Mathematics with Statistics	199
International Foundation Programme in Humanities and Social Sciences	46

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

econ.qmul.ac.uk/people

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com

Academic enquiries

School of Economics and Finance

Tel: +44 (0)20 7882 7355

email: econfin-admissions@qmul.ac.uk

econ.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: ECONugadm@qmul.ac.uk

ELECTRICAL, ELECTRONIC AND ROBOTICS ENGINEERING

What do the following all have in common: surfing the internet, processing data from a crime scene, and a surgical procedure to remove a brain tumour? They all rely on electronics. You might say that electronic and electrical engineers are the people who make the modern world function.

Here at QMUL, you will learn all the skills you need to prepare you for an exciting career in a wide range of fields such as aerospace, automotive, power generation, telecommunications and the creative arts industries. Entering the most rapidly expanding sector of the job market with an internationally recognised degree (accredited by the Institution of Engineering and Technology) is a great way to start your career.

Why study electrical and electronic engineering at QMUL?

We are a campus university that is both close to central London and less than a couple of miles from the area around Old Street known as Tech City, home to a rapidly growing community of digital start-ups, including Mind Candy, PlayGen and Last.fm.

The School of Electronic Engineering and Computer Science (EECS) has grown out of some of the oldest departments of their kind in Britain. We helped set up the first internet node in the UK. We're proud of that history but it's our enthusiasm for the latest research and our active commercial and research partnerships with industry that make us special.

We work closely with industry partners to ensure our graduates are more than ready for developing a successful engineering career. Gaining chartered engineering status is an essential component for engineering professionals. Our relevant degrees are accredited by the Chartered Institute of IT (BCS) up to entry in 2020 and Institution of Engineering and Technology (IET) up to and including entry in 2017. We are currently undertaking the IET accreditation application for 2018 intake (at time of writing). Please check our website for the most up-to-date information for individual programmes.

HIGHLIGHTS

- Sixth in the UK for electronic engineering research (REF 2014). 99 per cent of this research was rated as “world-leading” or “internationally excellent”.
- £25K: the median starting salary for graduates from our School of Electronic Engineering and Computer Science.
- Study abroad options are available on some of our degrees: you can spend part of your degree in places such as California, Sydney or Hong Kong.
- Great links with industry: our programmes can be studied with industrial input, either as a placement or a project, and we also have staff dedicated to helping you find a placement. Our students have worked with companies including Bosch, IBM and Thales Ground Transportation.

Teaching

You'll be taught by staff who are at the forefront of their specialism, recognised in the most recent national assessment of the quality of university research (REF 2014) for their “world-leading” and “internationally excellent” research, and this feeds into our students' final-year projects. REF 2014 placed us 11th in the country for our computer science research and sixth for electronic engineering (*Times Higher Education*).

Our research interests are as varied as looking at how the ‘Internet of Things’ can help with mountain rescues and sustainable food production; how beat tracking can synchronise computers with live music; satellite reflector arrays and compact antenna test ranges, and nano-scale particles applied in bio-electromagnetics; TV White-Space communication at low frequencies and THz spectroscopy beyond 3 THz; and discovering how to unlock billions of pounds from the economy by improving users' experience of computer networks.

Along with use of all the facilities at QMUL, you will have exclusive access to our electronics and antennas labs, as well as our Informatics Teaching Laboratory, with over 300 multimedia workstations. We also have innovative research facilities to support teaching on specialist modules including a Mac Pro multimedia editing suite, a versatile performance space and a state-of-the-art sound recording studio.

Lina working with Sparky the NAO robot in our electronics lab. For her final-year project, Lina worked on an LED mask for Sparky to wear. She hopes this will help teach young children with autism how to recognise facial expressions



When I chose my degree, it was the only one in London that combined electronics and computing, which exactly matched my interests. But that's not the only reason I was glad to be there. The environment was so friendly and open. Whether it was from another student or a lecturer, there was always help and support available when you needed it

Lina Alagrami, Electronic Engineering and Computing (now named Computer Systems Engineering) MEng (2016)



AND AFTERWARDS...

How can I use my degree?

A degree in electrical, electronic or robotics engineering, telecoms and music and audio systems offers you excellent career prospects – having experienced massive growth over the past few years, these industries are only predicted to expand further over the next decade. What's more, there is no typical career path: with one of these degrees, you may find yourself researching and designing new technologies in a multinational organisation, developing new applications for a start-up or becoming involved in engineering management.

Some of our graduates apply their degree knowledge directly, becoming Technology Analysts or Production Development Engineers, while others transfer skills gained during study into areas such as consultancy, education or finance. Opportunities can be found in a wide range of industries including transport, telecommunications, energy, IT, aerospace, manufacturing and education and research.

Recent starting roles of some of our graduates include Electrical Engineer, Broadcast and Systems Support Engineer, Web Developer, Technology Analyst and Data Analyst. Others go on to study one of our exciting masters programmes, such as our Sound and Music Computing, Telecommunication and Wireless Systems, and Big Data Science MScs.

Enhance your career prospects with a year in industry

All of the three-year degrees offered in this subject include the chance to spend a year in industry with the Industrial Experience option. This option means you take four years to complete your BEng, with your third year spent working in a role directly related to your studies. It allows you to apply your skills in a professional context, giving you an important edge in the graduate job market. Our specialist Electronic Engineering and Computer Science Industrial Placement Manager is on hand to help you search and apply for your placement and provide support throughout your year in industry.

How we support you

Throughout the course, you will have access to a bespoke careers programme to prepare you for internships and graduate-level work. This programme includes workshops on job hunting and job applications,

SECURING YOUR FUTURE

1.7m: the number of tech specialist jobs over the next decade that will be created, according to recent research by the Tech Partnership.* They estimate that 171,000 new recruits are needed in tech specialist careers every year between 2015–2025.

Samsung SDS, Vodafone, Goldman Sachs, BSkyB, Network Rail, Ford: just a few of our latest graduates' destinations.

£25k: the median starting salary for graduates from our School of Electronic Engineering and Computer Science.

* thetechpartnership.com/news-events/news/more-than-1.7m-new-jobs-for-tech-specialists-in-the-next-decade-says-tech-partnership

as well as over 120 employer-led events to facilitate networks and help you explore your career options. Finding your first job is made easier through our strong links with industry. We work with a range of organisations that offer graduate opportunities in electronic engineering and computer science, in sectors including banking, media, telecommunications and technology.

Our strong industry links make finding your first job easier. Events include the IT and Technology Fair, featuring 30 organisations seeking new talent, including Airbus, BAE Systems, Bloomberg, Capgemini, eBay, EDF Energy, E.ON, FDM, IBM, Goldman Sachs, RAF, Rolls-Royce, Siemens, Sungard, TfL and Thales, who will all be seeking new talent. We also provide guest lectures, where leading people from industry provide real-world insight into technological developments and career opportunities.

One-to-one support is also available from the university's Careers team, as well as from our Industrial Placement Manager.

Read more about our careers programmes on pages 8–13 or at: careers.qmul.ac.uk

ELECTRICAL, ELECTRONIC AND ROBOTICS ENGINEERING DEGREE PROGRAMMES

Electrical and Electronic Engineering

H600 BEng (three years)

H602 BEng (four years with Industrial Experience)

A-level: ABB including maths and a second science, preferably one from physics, electronics or computing

IB: 32 overall with 655 in HL subjects including maths and a second relevant science subject at HL

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Minimum grade B in A-level maths required in addition. Alternative maths test available

Electrical engineering is concerned with electric power transmission and electrical machines. Electronic engineering deals with the study of electronic systems such as computers, communication systems and integrated circuits. This programme provides a solid foundation in both electrical and electronic engineering, covering the principles of electrical science, systems and electronics, control, and programming. In addition, you will study specialisations, including power engineering, microprocessor system design and digital signal processing. This programme prepares you for a wide range of careers in electrical and electronic engineering, including transport networks, power generation, transmission and distribution, manufacturing, building services and the construction, automotive and aerospace industries.

For module information, latest entry requirements and further details, please visit:

qmul.ac.uk/H600 or qmul.ac.uk/H602

Computer Systems Engineering

HI62 BEng (three years)

H163 BEng (four years with Industrial Experience)

HI6D MEng (four years)

A-level: MEng: AAB/BEng: ABB

Must include maths

IB: MEng: 34 overall with 665 in HL subjects

BEng: 32 overall with 655 in HL subjects

Must include HL maths

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Minimum grade B in A-level maths required in addition. Alternative maths test available

These unique programmes include the digital circuit design elements of the electronic engineering programmes but also emphasise computer systems and software. They also focus on the increasingly important areas of artificial intelligence and network computing, internet protocols and applications. Beyond these core themes there is an opportunity to specialise by selecting from optional modules. These include Security (developing firewalls, secure e-commerce transactions and anti-fraud technology), Data Processing (including data mining, signal processing, and advanced databases), and Networking (enabling sensors, home appliances, entertainment and security systems to be networked to each other and the internet, creating the “Internet of Things”). The MEng includes an extra year after the BEng, allowing you to study a fourth year of advanced modules. The programmes prepare you for a wide range of careers related to the computing, internet and manufacturing industries.

For module information, latest entry requirements and further details, please visit:

qmul.ac.uk/HI62, qmul.ac.uk/H163, or qmul.ac.uk/HI6D

ELECTRICAL, ELECTRONIC AND ROBOTICS ENGINEERING DEGREE PROGRAMMES

Electronic Engineering

H610 BEng (three years)

H611 BEng (four years with Industrial Experience)

A-level: ABB including maths and a second science, preferably one from physics, electronics or computing

IB: 32 overall with 655 in HL subjects

Must include maths and a second relevant science subject at HL

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Minimum grade B in A-level maths required in addition. Alternative maths test available

These programmes cover digital and analogue circuit design, programming, microprocessors and communications systems. Emphasis is placed on systems and the design of digital and analogue circuits using advanced software tools. You may study very large-scale integration (VLSI), communication systems and digital signal processing (DSP). A design-and-build group project is taken in the second year and develops team-working skills. The final individual project allows you to tackle a topic of your choice in depth. This programme prepares you for a wide range of careers related to the engineering sector and industries as varied as aerospace, automotive, construction, electronics, defence, petrochemicals, pharmaceuticals, transportation and telecommunications. Although you will gain a solid foundation in programming, the emphasis of these degrees is on digital and analogue hardware design.

For module information, latest entry requirements and further details, please visit:

qmul.ac.uk/H610 or qmul.ac.uk/H611

Electronic Engineering and Telecommunications

H691 BEng (three years)

H693 BEng (four years with Industrial Experience)

H690 MEng (four years)

A-level: MEng: AAB/BEng: ABB

Must include maths and a second science, preferably one from physics, electronics or computing

IB: MEng: 34 overall with 665 in HL subjects

BEng: 32 overall with 655 in HL subjects

Must include maths and a second relevant science subject at HL

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Minimum grade B in A-level maths required in addition. Alternative maths test available

Telecommunications engineering involves the design, implementation and maintenance of complex systems including telephony, cellular networks, radio and television, the internet, wireless local area networks, and high-speed optical backbone networks. You will learn about microwave systems as well as the design, operation and management of large-scale communication networks for computers and voice and video signals. A range of technical and business modules provides a strong foundation to this specialised degree. The MEng programme has the same first three years as the equivalent BEng, with the inclusion of a team project in the third year. It also has an additional fourth year of study, with advanced postgraduate modules on topics such as security and authentication, network modelling and performance, mobile and WLAN mobile technologies. These programmes prepare you for a wide range of careers related to the computing, telecommunications and manufacturing industries.

For module information, latest entry requirements and further details, please visit:

qmul.ac.uk/H691, qmul.ac.uk/H693 or qmul.ac.uk/H690



Robotics Engineering

H67A BEng (three years)

H673 BEng (four years with Industrial Experience)

H67B MEng (four years)

H67C MEng (five years with Industrial Experience)

A-level: MEng: AAA/BEng: AAB

Must include maths and physics or chemistry

IB: MEng: 36 overall with 665 in HL subjects

BEng: 34 overall with 665 in HL subjects including maths and physics or chemistry. HL5 accepted in maths

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

Our Robotics Engineering programme, the first of its kind in the UK, combines the expertise of the Schools of Electronic Engineering and Computer Science and of Engineering and Materials Science. The two Schools, with state-of-the-art teaching facilities and internationally leading research, have designed a programme to cover a wide range of general and specialised topics in the field of robotics engineering. The programme offers the opportunity to gain in-depth technical knowledge of robotics engineering, as well as hands-on experience and numerous transferable skills through engagement with industry. Whether your interests lie in the robotics used in medicine or manufacturing, in the ways robots can be made more intelligent or constructed of different materials, this programme will provide the foundations and specialist knowledge you need. The choice of modules available allows you to get a general grounding in the science and engineering underlying robotics engineering, such as applied mechanics, control engineering, software engineering and intelligent systems, and to specialise in areas like industrial (manufacturing and logistic) robotics, medical robotics, cognitive robotics, or soft robotics. By the end of the programme, successful students will have the skills to design, program and build robots from the beginning to the end of the construction process to serve a wide range of applications in the modern world.

For module information and further details, please visit: qmul.ac.uk/H67A, qmul.ac.uk/H673, qmul.ac.uk/H67B or qmul.ac.uk/H67C



I spent 20 years both in industry and academia, where my research and expertise have been focused on Control and Power Engineering.

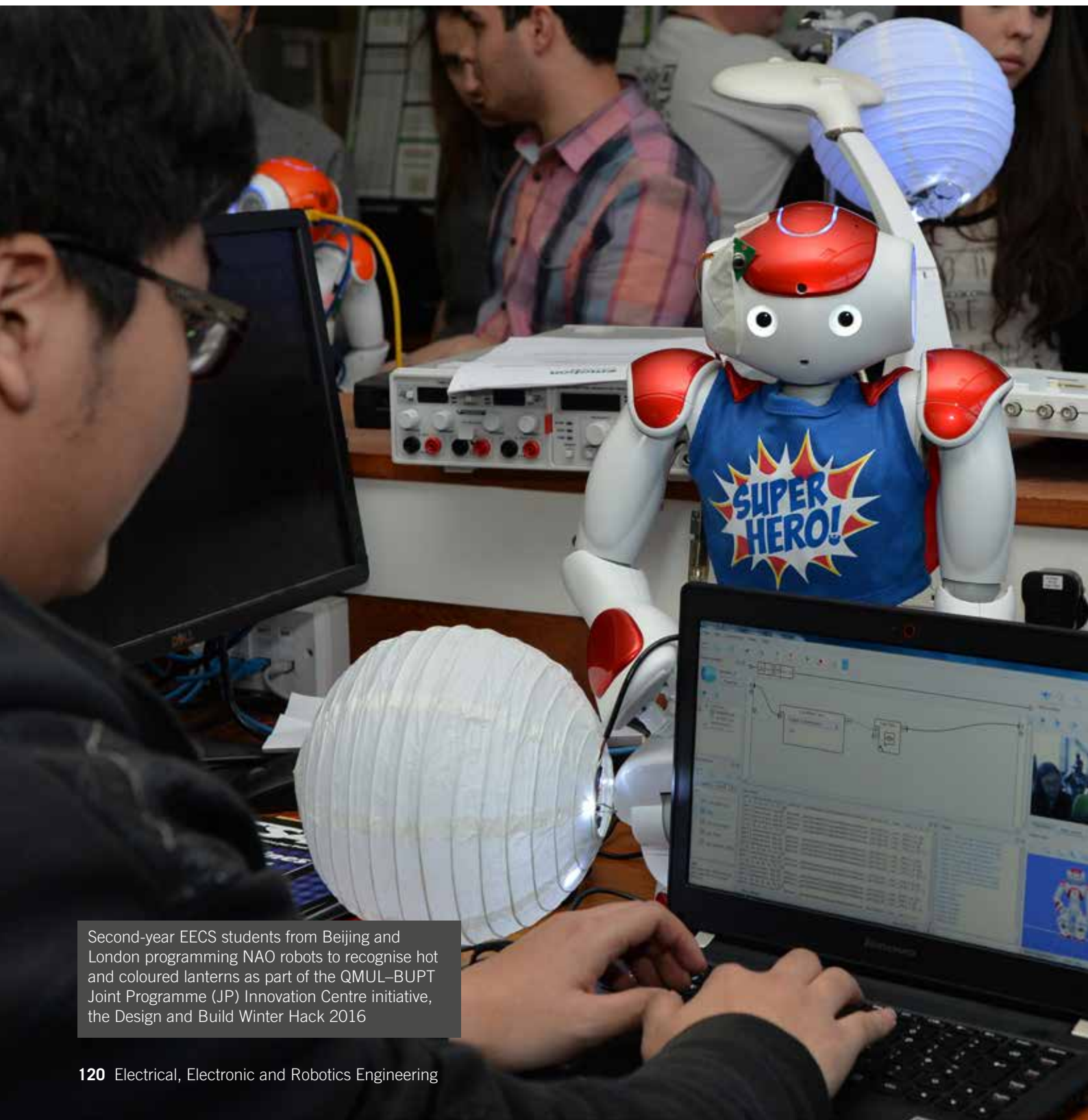
I believe engineering research must have a direct translation into products that make people's lives better.

I am working on a wide spectrum of technologies for energy efficiency and clean energy. This includes the design of long-life battery packs and high-efficiency power electronics for electric vehicles with companies like Jaguar Land Rover, and wireless energy management in the home environment using the Internet-of-Things (IoT)

Dr Kamyar Mehran
Lecturer in Power Engineering

ELECTRICAL, ELECTRONIC AND ROBOTICS ENGINEERING

DEGREE PROGRAMMES



Second-year EECS students from Beijing and London programming NAO robots to recognise hot and coloured lanterns as part of the QMUL-BUPT Joint Programme (JP) Innovation Centre initiative, the Design and Build Winter Hack 2016



RELATED PROGRAMMES

Computer Science	83
Creative Computing	97
Software Engineering for Business	85

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

eecs.qmul.ac.uk/people/academic

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com Once we have received your application, we normally make offers within two weeks. You will then be invited to an Open Day, where you will have the opportunity to meet current students and staff.

eecs.qmul.ac.uk/undergraduates

Academic enquiries

School of Electronic Engineering
and Computer Science

Tel: +44 (0)20 7882 7332

email: eecs-ug-enquiries@qmul.ac.uk

eecs.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

eecs.qmul.ac.uk/contact-us

ENGINEERING

Could you help to develop a new implant for the treatment of arthritis, a super-efficient wind turbine or a high-speed electric vehicle? Engineers are the ultimate problem solvers; they find solutions to issues such as these and always aim to improve function and practicality.

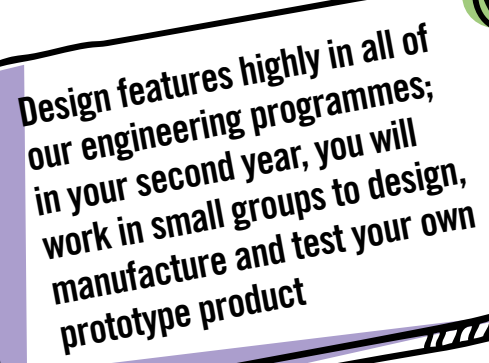
Why study engineering at QMUL?

The School of Engineering and Materials Science (SEMS) undertakes internationally recognised research, supported by contracts and collaborations with our industrial and university partners. In the most recent national assessment of university research (REF 2014), we were placed seventh in the country for the quality of our engineering research (*THE*).

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.

The development and analysis of new, innovative materials underpins much engineering work and our engineering degrees benefit from our international expertise in materials science.

All of our BEng and MEng programmes are accredited by either the Royal Aeronautical Society (RAeS) or the Institution of Mechanical Engineers (IMechE). Accreditation is vital if you are to obtain the qualification of Chartered Engineer (CEng).



Design features highly in all of our engineering programmes; in your second year, you will work in small groups to design, manufacture and test your own prototype product

HIGHLIGHTS

- Research-led teaching: you will be taught by people at the forefront of their field. We were placed seventh in the country for the quality of our engineering research (REF 2014).
- Innovative teaching: we have created a Virtual Tissue Lab to help our students develop their essential lab skills and confidence. See: <http://learnexx.com/QMULVirtualTissueLab.aspx>
- Great student support: our module Transferable Skills for Engineers and Materials is designed to support your transition to university.
- Excellent laboratory facilities: we are in the process of investing £30m in our labs, focused around dedicated teaching areas for our undergraduate engineering students. See: sems.qmul.ac.uk/ugadmissions/facilities
- All of our engineering programmes are accredited by either the IMechE or the RAeS.
- Great links with industry: all of our programmes can be studied with an Industrial Experience option.

We have excellent laboratory facilities, including a teaching laboratory (designed specifically for undergraduate engineering students), structures and materials test facilities, high and low speed wind tunnels, flight simulators, jet engines and state-of-the-art medical engineering laboratories, featuring extensive tissue engineering labs and gait analysis facilities.

Teaching

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 the internationally recognised research taking place within SEMS. Our student-led group design projects are frequently sponsored by industry, providing you with invaluable insight as you work alongside professionals while at university.



“

I joined the Commuters Society, which is a great way to make friends before you even start at QMUL. There are meet-ups before the courses start and you get to meet other people you can perhaps travel into uni with, or people who are on your course. It makes you feel much more comfortable when the daunting first day arrives

Sofie Woods, Mechanical Engineering MEng
(2016)

”

AND AFTERWARDS...

How can I use my degree?

Engineering graduates have one of the highest employability rates. Most of our engineering 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, such as those listed below. Other graduates move into research, studying for a higher degree such as an MSc or PhD.

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, be it Aerospace, Mechanical, Sustainable Energy or Medical Engineering.

What our graduates do next

Engineering at QMUL is designed to improve your professional prospects by equipping you with the specific skills and knowledge required to meet the increasingly demanding and ever-changing field of engineering. Recent QMUL graduates have gone on to work for a variety of companies, for example:

- Jaguar Land Rover
- Crossrail
- BUPA Cromwell Hospital
- BAE Systems Applied Intelligence

Overall employment prospects for SEMS graduates are extremely good. The national 2015 destination of leavers survey confirmed that our Engineering graduates have a strong earning power, with a mean salary of £25,990.

David Stell

Studied: Mechanical Engineering MEng

Currently: Trainee Clinical Scientist, St George's Hospital NHS Trust

What did you like most about your time at QMUL?

I particularly enjoyed modules in later years, where we learned about how engineering principles could be applied to the human body. I also really enjoyed having the opportunity to explore some of my own ideas for the third-year individual project – and also having access to academics who were passionate about their subjects and often world leaders in their fields.

How did QMUL prepare you for work?

I've been offered several different jobs since graduating: I certainly wouldn't have been offered any of them without the degree from QMUL. Besides the qualification, the experience I had as part of my sandwich year (and as part of my final-year group project in particular) were very useful to draw on when it came to job interviews.

How we support you

Throughout your time at QMUL, you will have access to a careers programme that prepares you for internships and graduate-level work. This programme includes workshops on finding and applying for jobs, as well as employer events where you can network. In the School of Engineering and Materials Science (SEMS) we hold careers sessions each week on all aspects of securing suitable graduate employment. In addition to these sessions, the SEMS Industrial Liaison Forum provides an opportunity for students, academics and all of our contacts from the engineering industries to interact on a twice-yearly basis.

Each undergraduate programme offered by SEMS is also available with a year of Industrial Experience, providing you with invaluable work experience. These opportunities are substantially enhanced by our strategic location: close to Canary Wharf and the City. You are encouraged to gain work experience during study and can do this through QProjects, our award-winning work experience scheme (see page 10 for more details), QRecruit, which offers internships and on-campus temporary work, and QMSU Volunteering. In addition, 3,000 vacancies are advertised on our JobOnline site. Visit careers.qmul.ac.uk for further details.

ENGINEERING

DEGREE PROGRAMMES

Aerospace Engineering

H421 BEng (three years)

H401 BEng (four years with Industrial Experience)

H400 MEng (four years)

HK00 MEng (five years with Industrial Experience)

A-level: MEng: AAA/BEng: AAB

Must include maths and physics or chemistry

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.

HL 5 accepted in maths

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

Aerospace engineering is concerned with the design and development of aircraft, helicopters and spacecraft. The skills you will develop on these degrees apply to both future spacecraft and high-performance aircraft, in addition to the next generation of ground transport (for example high-speed trains). On the MEng programme, you will work on a group project in your fourth year: a recent example is the design and construction of a rocket capable of breaking the UK altitude record. All of our aerospace degree programmes are accredited by the Royal Aeronautical Society (RAeS) and the Institution of Mechanical Engineers (IMechE).

For module information and further details, please visit: qmul.ac.uk/H421, qmul.ac.uk/H401, qmul.ac.uk/H400 or qmul.ac.uk/HK00

Chemical Engineering

H812 BEng (three years)

H811 BEng (four years with Industrial Experience)

H814 MEng (four years)

H813 MEng (five years with Industrial Experience)

A-level: MEng: AAA/BEng: AAB

Must include maths and physics or chemistry

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.

HL 5 accepted in maths

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

The Chemical Engineering programme has been developed to reflect the School of Engineering and Materials Science's existing strengths. With long histories in mechanical engineering and materials science engineering, we are perfectly placed to provide an excellent education in chemical engineering. We are developing this programme due to our excellent teaching and research in this area, and are also developing new teaching facilities dedicated to chemical engineering.

Chemical Engineers are in great demand and can have successful careers in a large number of industries. In order to be successful in these industries, students must have the appropriate preparation at university. Our teaching is both practical and theoretical: you will be involved in lab practicals from the first term, and working on projects relevant to the chemical engineering industry.

This programme is subject to approval.

For module information and further details, please visit: qmul.ac.uk/H812, qmul.ac.uk/H811, qmul.ac.uk/H814 or qmul.ac.uk/H813

ENGINEERING

DEGREE PROGRAMMES

Mechanical Engineering

H300 BEng (three years)

H304 BEng (four years with Industrial Experience)

H301 MEng (four years)

H302 MEng (five years with Industrial Experience)

A-level: MEng: AAA/BEng: AAB

Must include maths and physics or chemistry

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.

HL5 accepted in maths

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

Mechanical Engineering 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. If you are on the MEng programme, you will work on a group design project in your final year; recent examples include a performance assessment of Britain's Olympic bobsleigh, and testing a combustor from a Rolls-Royce micro-gas turbine. Our degree programmes are accredited by the Institution of Mechanical Engineers (IMechE).

For module information and further details, please visit: qmul.ac.uk/H300, qmul.ac.uk/H304, qmul.ac.uk/H301 or qmul.ac.uk/H302

Biomedical Engineering

HBF2 BEng (three years)

HBF1 BEng (four years with Industrial Experience)

HBF5 MEng (four years)

HBF3 MEng (five years with Industrial Experience)

A-level: MEng: AAA/BEng: AAB

Must include maths and physics or chemistry

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.

HL5 accepted in maths

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

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 medical 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 medical 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 medical engineering design problems.

For module information and further details, please visit: qmul.ac.uk/HBF2, qmul.ac.uk/HBF1, qmul.ac.uk/HBF5 or qmul.ac.uk/HBF3

Robotics Engineering

H67A BEng (three years)

H673 BEng (four years with Industrial Experience)

H67B MEng (four years)

H67C MEng (five years with Industrial Experience)

A-level: MEng: AAA/BEng: AAB

Must include maths and physics or chemistry

IB: MEng: 36 overall with 665 in HL subjects

BEng: 34 overall with 665 in HL subjects including maths and physics or chemistry. HL5 accepted in maths

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

Our Robotics Engineering programme, the first of its kind in the UK, combines the best elements of the Schools of Electronic Engineering and Computer Science and of Engineering and Materials Science. The two Schools have combined their state-of-the-art teaching facilities and internationally leading research with a programme designed to cover a wide range of general and specialised topics in the field of robotics, giving 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 jobs and work in various industrial environments. The wide range of subjects covered in the programme will enable you to choose between a general degree in robotic engineering or to specialise in a particular area, such as industrial (manufacturing) robotics, medical robotics, cognitive robotics or soft robotics. It is expected that, through the course Skills for Robotics (in Year 1 and Year 2), your individual project in Year 3, group project in Year 4, and other associated courses, by the end of the programme, you will be able to design, model and build robots on your own, focusing on a particular application.

For module information and further details, please visit: qmul.ac.uk/H67A, qmul.ac.uk/H673, qmul.ac.uk/H67B or qmul.ac.uk/H67C

Sustainable Energy Engineering

H221 BEng (three years)

HF21 BEng (four years with Industrial Experience)

H224 MEng (four years)

HG21 MEng (five years with Industrial Experience)

A-level: MEng: AAA/BEng: AAB

Must include maths and physics or chemistry

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.

HL 5 accepted in maths

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

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 of the century. The programme will train you for employment in the energy sector. Recent projects include an assessment of biodiesel as a road vehicle fuel and the development of rooftop wind turbines. You may go on to work as an Engineer, advising on sustainability issues (for example, an energy company or for government).

For module information and further details, please visit: qmul.ac.uk/H221, qmul.ac.uk/HF21, qmul.ac.uk/H224 or qmul.ac.uk/HG21



I particularly enjoy teaching tissue mechanics, as I can tell the students all the real cutting-edge research in the field, and explore how tissue mechanics research is helping develop novel treatments for patients

Professor Hazel Screen, Professor of Biomedical Engineering

Each undergraduate programme offered by SEMS is also available with a year of Industrial Experience, providing you with invaluable work experience



ENGINEERING

DEGREE PROGRAMMES

RELATED PROGRAMMES

Biomedical Sciences	56
Design, Innovation and Creative Engineering	95
Electronic Engineering	118
Materials Science and Engineering	193
Physics	217

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

sems.qmul.ac.uk/staff

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com

Once we have received your application, we normally make offers within two weeks. You will then be invited to an Open Day, where you will have the opportunity to meet current students and staff.

sems.qmul.ac.uk/ugadmissions

Academic enquiries

School of Engineering and Materials Science

Tel: +44 (0)20 7882 8736

email: sems-ugadmissions@qmul.ac.uk

sems.qmul.ac.uk

General enquiries

Freephone (UK callers only):

0800 376 1800

Tel (international students):

+44 (0)20 7882 5511

email: admissions@qmul.ac.uk

ENGLISH

Study English with us and you will develop a highly sought-after critical vocabulary. Through analysing world-changing writing from medieval epic to the latest fiction and poetry, your English degree can take you into a wide range of careers within the media, creative industries and beyond.

An English degree also encourages you to read in new ways. By studying English at QMUL, you will become a thoughtful, thorough and active reader who thinks intelligently about both what people have written (and are still writing) and about what it means to read and interpret their work.

You will be introduced to a wide range of critical and theoretical approaches to literary and non-literary texts, and you'll discover how history, philosophy, psychology and a range of other disciplines can inform our understanding of literary works.

Why study English at QMUL?

English at QMUL has an international reputation for excellence. In the 2014 Research Excellence Framework (REF), we were ranked first in the UK for Research Intensity. This means that throughout the Department we are producing world-leading research. But our academics are not just influential researchers; they are also dedicated teachers who are actively engaged in presenting a diverse range of themes in an accessible, friendly way.

We are a big English department, with lots of specialist staff, so you can personalise your degree and study the topics that most interest you. You'll have tailored staff support, including plenty of individual help and advice on your work. You'll also get the opportunity to take modules in creative writing, and to contribute to student publications from student newspapers to literary anthologies.

Several members of staff are stars in their own right: for example, Professor Jerry Brotton, Professor Margaret Reynolds and Dr Shahidha Bari are regularly heard on radio and seen on TV discussing their ground-breaking work. You may have seen Jerry Brotton's series on BBC4 on the history of maps. And we host literary events, festivals and poetry readings on campus.

HIGHLIGHTS

- At Queen Mary there's an unsurpassed choice of modules which demonstrate the diversity of the field of English literature.
- We provide the highest quality teaching: 94 per cent of students praised our teaching in the 2016 National Student Survey.
- We have a world-class reputation for innovative thinking: we have been ranked first in the UK for Research Intensity in the most recent Research Excellence Framework in 2014.
- We support your career with a bespoke employability module, careers mentoring and inspiring speakers from the worlds of writing, publishing, journalism and the arts.
- We have a highly-respected staff team who regularly represent our research in the media, but more importantly they are superb teachers dedicated to enriching your perspective in your studies.

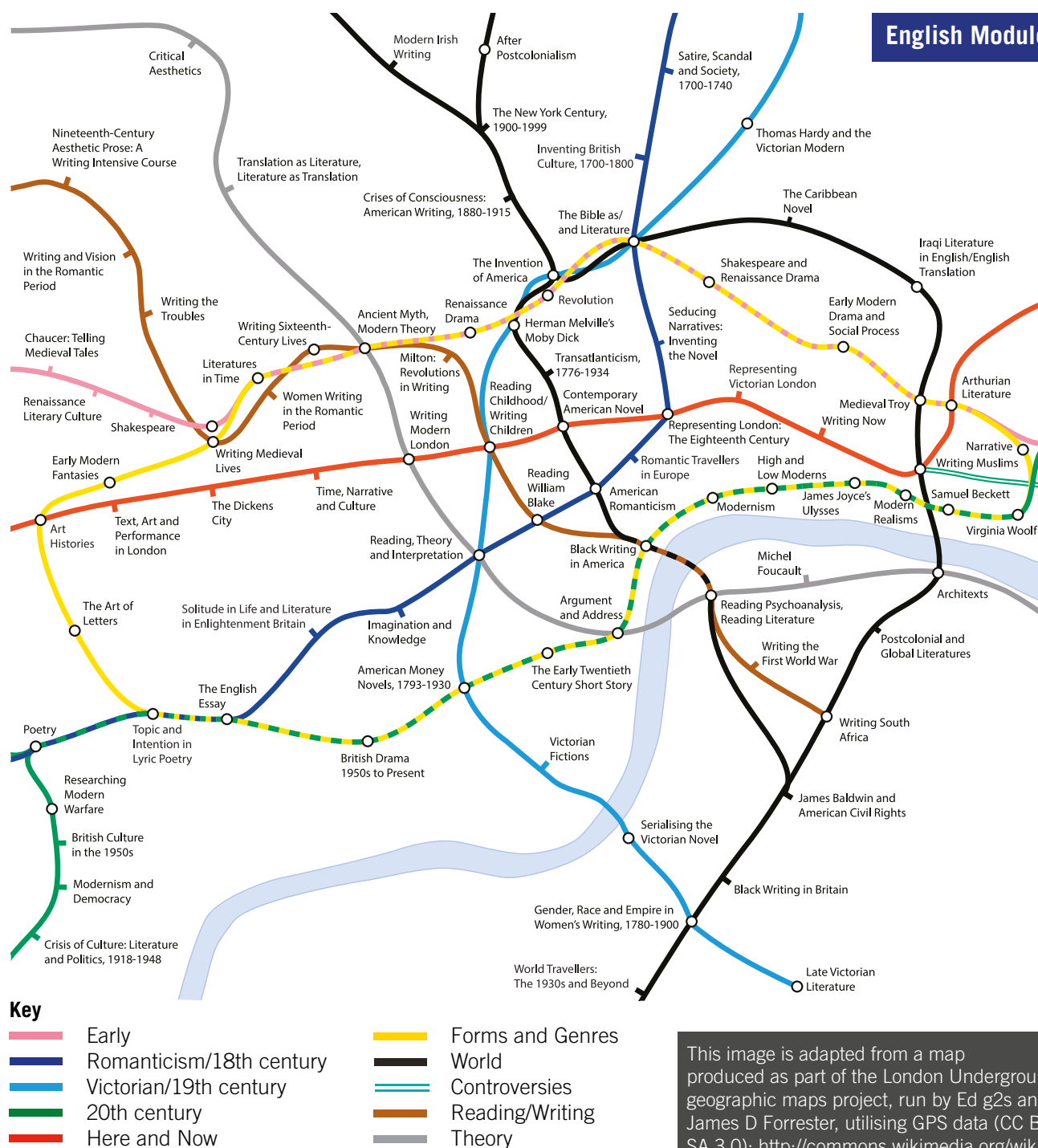
Teaching takes place at our scenic Mile End canal-side campus and our English degree makes full use of the literary and cultural resources London offers. This includes trips to the world's most treasured cultural organisations, such as Shakespeare's Globe, The Victoria & Albert Museum, the British Library and the Museum of London.

Teaching and assessment

You will be taught through a mixture of lectures and seminars. Lectures are given by our in-house experts, and can also feature guests such as industry experts, poets, curators and performers. Some lectures can also be reviewed as video podcasts. Modules may also include field trips, tutorials and workshops. These will often be free, although some trips will incur minimal costs for students, including travel within London and the purchasing of tickets to exhibitions and events (often at a group discount rate).

Most modules are assessed by coursework, often in the form of essays, but sometimes involving extended projects, presentations, log books and portfolios. Only a handful of modules are assessed by traditional exams.

English Modules



This image is adapted from a map produced as part of the London Underground geographic maps project, run by Ed g2s and James D Forrester, utilising GPS data (CC BY-SA 3.0): http://commons.wikimedia.org/wiki/London_Underground_geographic_maps

Modules offered are subject to change and not all modules are available every year. Please check on our website for the latest information about your programme

AND AFTERWARDS...

How can I use my degree?

Graduates from our English degree programmes go on to work in a wide variety of roles in a range of sectors, including teaching, the arts, publishing, the media, heritage and charitable organisations.

What our graduates do next

The national 2015 destination survey confirmed that 95 per cent of the School's English graduates were in employment or study six months after graduation, with 80 per cent of this group already working or studying at graduate level.

Some of our most well-known alumni include writers Sarah Waters, JG Ballard, Conn Iggulden and TV comedy writer James Lamont.

The broad range of skills gained through our programmes, coupled with multiple opportunities for extracurricular activities and work experience, have enabled our students to move into careers in the arts, education, business and culture for world-renowned organisations such as:

- British Council
- Harper Collins
- Curzon PR
- Shakespeare's Globe
- Historic Royal Palaces
- *The Independent*
- *Rough Guides*

How we support you

Throughout the course, you have access to bespoke careers support to prepare you for graduate-level work. A third-year module, *Livelihoods in English*, provides you with structured opportunities to consider and make action plans for the transition from university to working life by researching career, entrepreneurial, and further-study opportunities for graduates of English, as new entrants into the world of work.

Careers support includes:

- Workshops tailored to help you identify your career options, train you in recruitment and selection methods and offer you networking opportunities. The careers programme has previously included: a journalism panel, with alumni speakers from the NME and the Huffington Post, public relations and publishing.
- Career Conversations: panels of alumni speaking about their roles and networking with students.

Chloe Murphy

Studied: English BA (2016)

Currently: Editorial Assistant, QMUL

Why did you choose QMUL?

I really wanted to move to London. QMUL is perfectly situated in a vibrant, exciting area, with great links across the entire city. The university also has an excellent academic reputation alongside being warm, friendly and welcoming – I really admired its values and wanted to be part of its community.

What did you gain from your time at QMUL?

Queen Mary was definitely the right choice for me – I met the most amazing people from all over the world and worked alongside high-profile academics who were endlessly encouraging and incredibly interesting. Studying at QMUL also helped me to gain an editorial internship in my second year, which became a full-time editorial role after graduation – my dream job!

- Online support and vacancies: a dedicated Careers section online for both English and Drama, which has up-to-the-minute job opportunities, resources and advice.
- In-person support: one-to-one appointments with a Careers Consultant or Application Adviser for tailored careers advice and ongoing support.
- Careers events: with over 120 employer-led events a year.
- Access to opportunities: you can find jobs with smaller and specialist employers via QRecruit, in-School events and QM JobOnline.
- Enterprise support: for people interested in running their own commercial or social enterprise and those already doing it. For further details, please see page 12 or visit careers.qmul.ac.uk/enterprise

Work experience

We encourage you to build your work experience throughout your period of study. See page 10 for more information on QProjects, our award-winning work experience scheme, and the range of options open to you, from internships to part-time work, full-time jobs and volunteering.

You can also volunteer for our Students' Union's media outlets, which include QMTV, Quest Radio, *The Print* newspaper and *CUB* magazine. See: qmsu.org/studentmedia

For more information about our careers programmes and the support we offer you, please visit: careers.qmul.ac.uk

ENGLISH

DEGREE PROGRAMMES

English

Q300 BA (three years)

A-level: ABB including A in English literature or English language and literature. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL 6 in English A

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade A in A-level English literature or English language and literature required in addition

The BA in English combines the study of literary texts from a wide range of periods and genres, and from across the world, with a grounding in the range of theoretical and critical approaches that have shaped English studies in recent years. You will learn how to read texts – literary and non-literary – in their historical, political and cultural context, while engaging with questions of literary form and exploring the intersections between literature and history, philosophy, psychology and a range of other related disciplines.

For module information and further details, please visit: qmul.ac.uk/Q300

English with Creative Writing

QW11 BA (three years)

A-level: ABB including A in English literature or English language and literature. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL 6 in English A

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade A in A-level English literature or English language and literature required in addition

The BA in English with Creative Writing combines the study of literary texts from a wide range of periods and genres, and from across the world, with a grounding in the range of theoretical and critical approaches that have shaped English studies in recent years. In the creative writing section of the programme, you will develop your practical writing skills, gain an insight into the process

of writing, and have the opportunity to grow and flourish as a writer, whether in prose fiction, poetry, or creative non-fiction.

For module information and further details, please visit: qmul.ac.uk/QW11

English and History

QV31 BA (three years)

A-level: ABB including A in English literature or English language and literature and B in history. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL 6 in English A and HL 5 in history

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade A in A-level English literature or English language and literature required in addition

What is the relationship between a text and its context? How are writers affected by the circumstances in which they live? What influence do literary texts have on social, cultural and political life? A degree in English and History at QMUL gives you the chance to reflect on these questions, and to consider how these disciplines relate to and inform one another. You will be trained in the key skills needed to study both subjects at degree level, and examine the interaction between writing and society in the periods that interest you most.

For module information and further details, please visit: qmul.ac.uk/QV31



ENGLISH

DEGREE PROGRAMMES

English and Drama

QW34 BA (three years)

A-level: ABB including A in English literature or English language and literature. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL 6 in English A

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade A in A-level English literature or English language and literature required in addition

On this joint degree programme, you will examine the study and practice of performance, and you will read texts from a broad spectrum of genres and periods. The degree combines practical and theoretical study in a wide range of interconnected areas, providing you with a variety of approaches to drama and literary studies as active and dynamic subjects.

Along with an understanding of how approaches to drama and English complement one another, you will be encouraged to locate texts and performances in their political, cultural and historical contexts.

For module information and further details, please visit: qmul.ac.uk/QW34

English and French

QR31 BA (four years)

English and German

RQ23 BA (four years)

English and Hispanic Studies

RQ43 BA (four years)

English and Russian

QR38 BA (four years)

A-level: ABB including A in English literature or English language and literature and B in French for QR31, or, for other programmes, GCSE in a language or experience of learning a language other than your mother tongue. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in relevant HL subjects, including HL 6 in English A. HL 5 in French also required for QR31

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade A in A-level English literature or English language and literature required in addition. Grade B in A-level French also required for QR31, or, for other programmes, experience of learning a language other than your mother tongue

Studying English and a modern language gives you the opportunity to explore connections and interactions between cultural traditions. You will divide your time equally between the two subjects, following modules designed to help you develop your language skills, and introducing you to a range of theoretical and critical approaches to English studies.

In your third year, you will deepen your understanding of your chosen language by spending a year working or studying in a country where it is spoken. During this year, you will pay a reduced tuition fee to QMUL, currently 15 per cent of current undergraduate fees. (For guidance, in 2016/17, Home/EU students paid £1,350; while international students paid 50 per cent of that year's tuition fee for their programme.)

Please note: you will not pay a fee to the host university while abroad, but you will be expected to cover your accommodation and living costs.

For module information and further details, please visit: qmul.ac.uk/QR31, qmul.ac.uk/RQ23, qmul.ac.uk/RQ43 or qmul.ac.uk/QR38

English Literature and Linguistics

QQ13 BA (three years)

A-level: ABB including A in English literature or English language and literature. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in relevant HL subjects, including HL 6 in English A

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade A in A-level English literature or English language and literature required in addition

A degree in literature and linguistics enables you to understand how language works and some of the ways it has been used to persuade, inspire and entertain people.

This programme provides a unique perspective on English. On the one hand, you will learn about how language is structured, and the ways in which it conditions our responses to the world. On the other, you will look at some of the most interesting and profound ways in which language has been used by poets, novelists and dramatists.

For module information and further details, please visit: qmul.ac.uk/QQ13

English and Film Studies

QW36 BA (three years)

A-level: ABB including A in English literature or English language and literature. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in relevant HL subjects, including HL 6 in English A

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade A in A-level English literature or English language and literature required in addition

This degree offers a detailed investigation of the range of theoretical and critical approaches that have shaped English and film studies in recent years. The programme combines a mixture of close textual and visual analysis with an exploration of the critical theories that are applied to film and literature. You will also be encouraged to reflect on how the two disciplines – film and literature – can overlap.

For module information and further details, please visit: qmul.ac.uk/QW36

RELATED PROGRAMMES

Comparative Literature

77

Drama

103

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

sed.qmul.ac.uk/english/staff

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com

If you receive an offer from us, you will be invited to an open day, where you will have the chance to meet our current students and staff, tour the campus, and attend workshops showcasing our teaching.

Academic enquiries

School of English and Drama

Tel: +44 (0)20 7882 8571

email: sed-admissions@qmul.ac.uk

sed.qmul.ac.uk/english

 @QMULsed

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

FILM STUDIES

Film Studies focuses on the history and exploration of cinema and other forms of moving image media. An encounter with films of different genres, styles, periods and national cinemas, as well as a range of film theories will enable you to confidently discuss their meaning and importance.

Through practical modules, you may also develop technical skills such as scriptwriting, producing, directing and editing, thereby gaining crucial insight into the fundamental aspects of film production.

Film studies demands creative, original thought: it asks us to question, for example, how class, race, ethnicity and sexuality are represented on the screen and to think about the impact of changing technologies on film.

Why study film studies at QMUL?

Film studies at QMUL performs consistently well in the National Student Survey (NSS). In the 2016 National Student Survey, film studies at QMUL was ranked 8th in the UK and joint top in London for student satisfaction. You will be taught by leading academics with specialisms in film history and film philosophy, who are defining new developments in film theory such as eco-cinema and film beyond the cinema.

Our London location is another obvious advantage. The city is home to the British Film Institute (BFI) and the London Film Festival, as well as to major film premieres and arthouse cinema venues. And, with many film and television productions based here, you can gain valuable experience in a film-related part-time job or work placement alongside your studies.

We have excellent facilities, particularly our well-appointed 41-seater Alfred Hitchcock Cinema, two film studios and two edit suites, with Mac computers running Final Cut Pro.

HIGHLIGHTS

- We were ranked first in the UK in the 2017 *Guardian's Good University Guide*.
- Our film staff have international profiles of research excellence, regularly publishing field-defining books and taking part in events at the BFI, Barbican and Tate, as well as appearing in the media.
- We have close links with local communities and organisations, including regular collaboration with the East End Film Festival and the organisation of public film events in the historic People's Palace building.
- Our production facilities are of an extremely high standard, allowing students to develop practical skills alongside, and in interaction with, their academic studies.
- In the 2016 National Student Survey, film studies at QMUL was ranked 8th in the UK and joint top in London for student satisfaction.

Assessment

Most modules combine assessed coursework and an end-of-module exam. Some modules, including the practical ones, are assessed by coursework only. Final-year students will pursue a sustained piece of research or develop an extended film project or long script.

Our teaching

Your weekly timetable might include four lectures and four seminars or workshops, several film screenings and group work in the studios or on location.



AND AFTERWARDS...

Why study film studies?

Graduates from Film Studies go on to work in a wide variety of professions. Some apply their degree knowledge directly, entering careers such as directing and film production, while others transfer their skills into areas such as new media, public relations and marketing, teaching and law. Others go on to one of our highly regarded masters programmes in Documentary Practice or Film Studies. Find out more at qmul.ac.uk/postgraduate

Film studies is a rigorous academic degree. You will graduate with an excellent knowledge base and a range of transferable skills, including first-class analytical, research and communication skills.

What can I do afterwards?

The broad range of skills gained through this programme, coupled with opportunities for extracurricular activities and work experience, has enabled our students to move into careers such as:

- Freelance Short Film Producer
- Self-Employed Filmmaker
- Film Projects Worker, British Film Council
- Artistic Director, Splutter Theatre
- Assistant Director, Hedgehog Films
- Marketing Executive, Fixflo
- Freelance Social Media Manager, Gentleman's Vanity
- Casting Agent Assistant, BDiscovered
- Events Programmer, BFI
- Production Intern, Flame TV
- Production Junior, Equinox Film and TV Production

How we support you

The annual Careers and Enterprise Centre programme prepares you for internships and graduate-level work, including employer-led workshops on job applications, interviews and numerous employer networking events.

The School offers regular careers events for students, these have included a careers panel and speed-meet, an Experience Journalism workshop and a series of Career Conversations with employers working in the media.

Alissa Timoshkina

Studied: Film Studies BA and MA

Currently: I am currently the Founder and Curator of KinoVino, a cinema-supper club in London. In 2014, I was awarded my PhD in film/cinema/video studies.

Why did you choose QMUL?

I was impressed by the expertise of the staff at the School of Languages, Linguistics and Film. There's also good relations between students and teachers.

What did you gain from your time at QMUL?

An extremely useful and inspiring knowledge of film, appreciation of culture, thought and visual arts. I also improved my ability to formulate and express opinions, both in written and verbal form. Overall, this gave me the confidence to pursue a professional career in a film-related field and to continue on to a PhD.

What are your career plans in the next five years?

To establish my company as a respected organisation dealing with moving images in the UK and to complete a script for my first feature film.

Work experience

Opportunities for work experience are substantial, given our London location, and we encourage you to build your work experience throughout your period of study. See page 10 for more information on QProjects, our award-winning work experience scheme and the range of options open to you, from internships to part-time work, full-time jobs and volunteering.

For more information about our careers programmes and the support we offer you, please see pages 8–13 or visit: careers.qmul.ac.uk

FILM STUDIES

DEGREE PROGRAMMES

Film Studies

P303 BA (three years)

A-level: ABB including at least one essay-based humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including at least one essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This programme introduces you to a range of international cinema movements, figures, texts and theories. You will also develop some practical skills – for example, scriptwriting and film production. In the first year you take modules designed to provide a solid foundation in cinema history, the European and United States film industries, film language, concepts and technology. In later years you take more advanced modules in film theory and a selection of options in specialist areas of your choice. In the final year you can undertake a supervised research project, either written or filmed.

For module information and further details, please visit: qmul.ac.uk/P303

Film Studies and French

RW16 BA (four years)

Film Studies and German

RW26 BA (four years)

Film Studies and Hispanic Studies

RW46 BA (four years)

Film Studies and Russian

RW77 BA (four years)

A-level: BBB, including A-level French for RW16, and for other programmes, GCSE in a language or experience of learning a language other than your mother tongue. An A-level in an essay-based humanities/social sciences subject is also required for all programmes. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects, including HL 5 in French for RW16 and at least one essay-based humanities/social sciences HL subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. A-level French grade B required in addition for RW16

These degree programmes will familiarise you with the aesthetics, conditions of production and history of film in Europe, the United States and Latin America. You will be introduced to the major theoretical and critical developments in film studies, as well as studying a modern European language. This will enable you to pursue an understanding of film within the context of the culture of a specific country. You will usually spend your third year abroad, an invaluable opportunity to improve your language skills and understanding of the culture of your host country. Please note that opportunities for film production on joint honours programmes are limited.

During your study abroad year, you will pay a reduced tuition fee to QMUL, currently 15 per cent of current undergraduate fees. (For guidance, in 2016/17, Home/EU students paid £1,350; while international students paid 50 per cent of that year's tuition fee for their programme.) Please note: you will not pay a fee to the host university while abroad, but you will be expected to cover your accommodation and living costs.

For module information and further details, please visit: qmul.ac.uk/RW16, qmul.ac.uk/RW26, qmul.ac.uk/RW46 or qmul.ac.uk/RW77

FILM STUDIES

DEGREE PROGRAMMES

Comparative Literature and Film Studies

QP23 BA (three years)

A-level: ABB including an essay-based humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including at least one essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This programme is split equally between the two subjects and helps you to make connections between literature and fine art, music, popular culture and film. You study literature from a comparative perspective, exploring themes, genres, movements and periods across national boundaries through translations and original texts in English. The film programme covers the aesthetics, conditions of production and history of film in Europe, the United States and Latin America, and introduces you to major theoretical and critical developments in film studies. Advanced options in the second and final years enable you to concentrate on the areas of literature and film that interest you most. Please note that opportunities for film production on joint honours programmes are limited.

For module information and further details, please visit: qmul.ac.uk/QP23



Film is something we have all grown up with and is, for many of us, an integral part of

our everyday lives. Film addresses some of our most topical, political and ethical questions, as well as being capable of great beauty

Dr Anat Pick, Senior Lecturer in Film Studies

English and Film Studies

QW36 BA (three years)

A-level: ABB with A in English literature or English language and literature. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in relevant HL subjects, including HL 6 in English A

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade A in A-level English literature or English language and literature required in addition

This degree offers a unique interdisciplinary pathway that combines critical theory and textual analysis and applies both to film and written text alike. You will be introduced to the major theoretical and critical developments in film studies, as well as studying a range of literary texts and theories of reading. This will enable you to make connections between cinematic and literary texts across national boundaries and from different historic periods. Advanced options in the second and final years permit you to concentrate on the aspects of film and literature that interest you most. Please note that opportunities for film production on joint honours programmes are limited.

For module information and further details, please visit: qmul.ac.uk/QW36

Film Studies and Drama

WW46 BA (three years)

A-level: ABB including an arts/humanities/social sciences subject and at least one essay-based subject. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including an arts/humanities/social sciences subject and at least one essay-based subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This degree offers an exciting opportunity for you to study the dramatisation of our world across live and recorded media, and to explore interrelated concepts such as production, mise-en-scène and spectatorship.

You will be introduced to theories of performance and representation and to key critical practices of 20th-century theatre and film. On your drama pathway, you will be encouraged to pursue your own practical projects alongside formal teaching. Support is provided for student productions in our purpose-built studio spaces. However, please note that opportunities for film production on joint honours programmes are limited.

For module information and further details, please visit: qmul.ac.uk/WW46

History and Film Studies

VW16 BA (three years)

A-level: ABB including history. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including history

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This programme enables you to combine modules in film studies with modules in American, British and European history, and to explore the unique film cultures that developed in Britain, France, Germany, Italy and the United States throughout the 20th century and beyond. You are encouraged to select pathways that combine modules on the history of a particular country, especially those that focus on a country's film history and culture. In your final year, you work on primary source material through a document-based history special subject that includes original research on a subject of your choice. Please note that opportunities for film production on joint honours programmes are limited.

For module information and further details, please visit: qmul.ac.uk/VW16

RELATED PROGRAMMES

Comparative Literature	77
Drama	103
English	133
Languages (French, German, Hispanic Studies, Russian)	171
International Foundation Programme in Humanities and Social Sciences	46

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

filmstudies.slif.qmul.ac.uk/people

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com Transfer or mature applicants may be invited for interview or asked to produce a piece of written work.

Academic enquiries

School of Languages, Linguistics and Film

Tel: +44 (0)20 7882 8331/8314

email: slif-ug@qmul.ac.uk

slif.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

GEOGRAPHY AND ENVIRONMENTAL SCIENCE

Join QMUL's School of Geography and work alongside academics who are committed to making a difference in the world. From climate change, sustainability and environmental management to development, global health and questions of culture, identity and social justice, our research – and therefore your studies – reach out and touch upon some of society's biggest and most pressing challenges.

Why study geography or environmental science at QMUL?

Geography at QMUL encompasses both the human and physical aspects of the discipline. Our programmes offer you not only the chance to develop a uniquely geographical way of seeing and understanding the world and the analytical skills so sought after by employers, but also the opportunity to specialise in key areas of the subject, including globalisation and development, culture and identity, global health, Earth surface processes and environmental management. The diverse research of our academics means that you can tailor an exciting, varied degree to fit your interests. Independent research and a substantial international fieldwork programme (*see page 147) offer you the chance to put what you have learnt into practice too.

Environmental Science at QMUL combines the expertise within the School of Geography with that of colleagues in the School of Biological and Chemical Sciences. From ecology, biodiversity and conservation to river science, environmental engineering and remote sensing, you will undertake core skills training across subject areas at the heart of the discipline. After developing your research techniques both in the field and the laboratory, you'll also work individually with staff to undertake your own research.

Global and local networks

Our unique and extensive links with both international and local organisations mean that whatever your chosen programme in our School, you will have the opportunity to work with community groups, environmental trusts, charities and other groups to apply your knowledge and problem-solving skills to real-world challenges.

HIGHLIGHTS

- Be welcomed into a friendly, supportive and culturally diverse School: students and researchers work side-by-side in a strong, forward-thinking department.
- Explore the world: we offer fieldwork in places such as Florida, Boston and Los Angeles (USA), Mumbai (India), the Southern Alps (New Zealand), as well as UK-based fieldwork, including opportunities right here in London (*See page 147 for details).
- Learn from leaders in the discipline: our staff have acted as advisers for international organisations including BBC, CNN, the World Bank, UNESCO, the Department of Health, HM Treasury, the Environment Agency, Natural England and more. We were ranked 11th overall for our excellence in the latest UK research rankings and fifth for the quality of our staff's research publications (REF 2014).
- A world-class education: the latest QS World University Rankings (2015) places us in the top 100 geography departments in the world.
- Exceptional facilities: our cutting-edge field and laboratory resources allow you to measure geographical phenomena, analyse samples from the field and simulate environmental processes.

World-class facilities in the capital

Our recently refurbished laboratories – including a newly installed, specialist River Lab – offer unrivalled facilities in London for the analysis of water, soil and sediment to help you explore areas such as:

- river forms and processes
- past environments and climates
- soils and sediments at microscopic level.

Find out more and take a virtual tour of our laboratories at geog.qmul.ac.uk/facilities



The field trips that QMUL's School of Geography offer are truly world-class. Staying true to geography's expedition roots, the School instills in students a sense of curiosity and wonder about the world we live in. The field trips help students to make new friends and gain new perspectives on life

Suzy Boboto, Geography BA (2015)



AND AFTERWARDS...

How can I use my degree?

Our students explore the world and the people that share it. They investigate the connections between societies, places and environments on local to global scales. Studying geography demands and develops an inquiring mind able to observe, analyse and engage with some of the most important issues of our time. This is what makes geographers so sought-after by employers.

In an increasingly globalised world, the skills and knowledge of geographers and environmental scientists make our graduates more employable than ever. In fact, 93 per cent of full-time, UK-domiciled QMUL geographers are in work or further study six months after graduation (DLHE 2015).

What our graduates do next

Whether taking transferable skills into diverse careers from business to health or using subject knowledge to inform environmental policy or scientific analysis, our graduates have gone on to a range of careers.

Organisations employing our recent graduates include:

- Goldman Sachs
- Arup Hong Kong
- UK Cabinet Office
- Thomson Reuters
- Rochester Grammar School
- UK Power Networks
- Jacobs
- CRISIS
- Citizens UK
- Reading Agricultural Consultants
- Kent Police

A sample of our recent graduates' roles include:

- Business Analyst
- Engineering Geologist
- Policy Adviser
- Head of Strategy
- Project Manager
- Graduate Geomorphologist

Max Marcheselli

Studied: Geography BSc (2012)

Currently: Research Consultant at Cambridge Malaysian Education and Development Trust

How did your QMUL degree help you with your career?

My BSc was directly responsible for getting my first role. The company I first worked for wanted a candidate with a geography degree and good ICT skills. The knowledge that I'd gained from my degree made me the perfect candidate.

Tell me a little about your role and responsibilities

My job involves a lot of international travel, especially to east Africa, for example Tanzania, Kenya and Uganda. I'm involved with the development and deployment of an offline mobile learning platform that can be accessed through smart phones and tablets. With this technology, farmers can access up-to-date agricultural techniques and practices in remote areas without consistent access to the internet.

Is there any advice you would give to students today?

Make use of as many services that QMUL offer as possible. All the departments that I've been in contact with have been excellent.

How we support you

The QMUL Careers and Enterprise team is on hand to support you throughout your degree. There are lots of opportunities to build your CV while you're at QMUL, including:

- taking part in workshops and events such as career tutorials, careers assignments, networking events, and one-to-one careers consultations, including CV help
- attending some of the 120+ employer-led events each year from seminars to large fairs
- getting advice if you're interested in running your own commercial or social enterprise
- building your experience by taking a placement from our award-winning QProjects work experience scheme, from internships to part-time work, full-time jobs to volunteering.

For more information, please see pages 8–13 or visit: careers.qmul.ac.uk

GEOGRAPHY AND ENVIRONMENTAL SCIENCE

DEGREE PROGRAMMES

Geography

L700 BA (three years)

A-level: ABB–BBB including geography.

Typical offer: ABB. Alternative offers may be made to applicants taking the EPQ. See qmul.ac.uk/undergraduate/entry for further information

IB: 32–30 overall with 655–555 in HL subjects, including HL geography. Typical offer: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Are you interested in cultures, economies and societies, and their interaction with the natural environment? The flexibility of our Geography BA programme allows you to focus on exciting aspects of human geography, including globalisation and international development; geopolitics; social justice; cities past, present and future; economy and society; and culture and identity, while also keeping the option to explore elements of physical geography such as the science and politics of climate change. We will train you in innovative social science research methods, from visual analysis to interviewing and geographical information systems (GIS). You'll learn in lectures, seminars and the field. Exciting field trip destinations include the UK, as well as India, Ireland and the USA.*

For module information and further details, please visit: qmul.ac.uk/L700

Geography

F800 BSc (three years)

A-level: ABB–BBB including geography.

Typical offer: ABB. Alternative offers may be made to applicants taking the EPQ. See qmul.ac.uk/undergraduate/entry for further information

IB: 32–30 overall with 655–555 in HL subjects, including HL geography. Typical offer: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Do you want to understand the processes that shape our ever-changing planet, and learn about interactions between the natural environment and society? Our Geography BSc programme enables you to explore how physical, chemical, biological and human agents affect the landscape over timescales from milliseconds to millennia. You can choose to study human geography modules on subjects including geographies of nature, development, technology and society. You can also explore a diverse mix of subjects from glaciology, river science and geoecology to climate change and natural hazards, and learn about novel approaches to environmental management. We will train you to undertake independent research using our state-of-the-art field and laboratory equipment, geographical information systems (GIS) and environmental modelling facilities. You will participate in UK-based fieldwork and will have the option to go on international field trips to New Zealand or the USA.*

For module information and further details, please visit: qmul.ac.uk/F800



You've got support all around you and that's something I appreciate about my experience at QMUL and with the School of Geography

Tanzina Khatun,
Geography BA (2017)



GEOGRAPHY AND ENVIRONMENTAL SCIENCE

DEGREE PROGRAMMES

Human Geography

L720 BA (three years)

A-level: ABB–BBB including geography.

Typical offer: ABB. Alternative offers may be made to applicants taking the EPQ. See qmul.ac.uk/undergraduate/entry for further information

IB: 32–30 overall with 655–555 in HL subjects, including HL geography. Typical offer: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Are you keen to specialise in human geography and explore the cultures, economies and societies that make up our world past and present? Our Human Geography BA gives you the chance to explore a breadth of topics including: globalisation and international development; geopolitics; social justice; cities past, present and future; economy and society; culture and identity; gender and power; global historical geographies and Victorian London; geographies of biomedicine and global health. We will train you in innovative research methods, from visual analysis to interviewing and geographical information systems (GIS). Exciting field trips allow you to experience research for yourself and include destinations in the UK, as well as India, Ireland and the USA.*

For module information and further details, please visit: qmul.ac.uk/L720

Geography with Business Management

FVN1 BSc (three years)

A-level: ABB–BBB including geography.

Typical offer: ABB. Alternative offers may be made to applicants taking the EPQ. See qmul.ac.uk/undergraduate/entry for further information

IB: 32–30 overall with 655–555 in HL subjects, including HL geography. Typical offer: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Are you interested in studying a mix of physical and human geography topics while developing skills in business management? Taught by staff in the School of Geography and the School of Business and Management, this degree explores diverse topics from globalisation and international development; geopolitics; social justice; cities past, present and future; economy and society; to the science and politics of climate change, environmental systems and natural hazards. There are options to cover the fundamentals of business such as economics, management, marketing, financial accounting and human resources. You will develop research skills and techniques in the classroom, field and laboratory, with fieldtrip destinations including the UK, Ireland, India and the USA.*

For module information and further details, please visit: qmul.ac.uk/FVN1

Much of my teaching – informed strongly by my research – has a strong emphasis on developing the skills that students need to progress into environmental careers

Professor Kate Spencer, Professor of Environmental Geochemistry

Environmental Science

F850 BSc (three years)

A-level: ABB–BBB including a science subject

Typical offer: ABB. Alternative offers may be made to applicants taking the EPQ. See qmul.ac.uk/undergraduate/entry for further information

IB: 32–30 overall with 655–555 in HL subjects, including a science subject at HL. Typical offer: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Would you like to investigate the interactions between physical and ecological systems, and how these relate to human activity? This interdisciplinary degree draws upon the expertise of the School of Geography and the School of Biological and Chemical Sciences to offer a distinctive degree programme. You will have the chance to explore a wide range of themes including ecology, diversity and evolution, conservation, environmental pollution, river science and environmental engineering. You will undertake core training in environmental science research skills and techniques both in the field and the laboratory. There is a substantial fieldwork programme, with destinations including the UK, Florida (USA), New Zealand, Croatia and South Africa.*

For module information and further details, please visit: qmul.ac.uk/F850

*Fieldwork costs and availability

Compulsory fieldwork in the School of Geography is undertaken at no extra cost. Optional overseas fieldwork in the second and third year ranges from £400 to £1,200 approximately, some with additional flight costs (based on costs in the year 2016/17). Destinations can vary year-on-year, are subject to availability and are dependent on the module combinations chosen.

Overseas field class modules run in alternate years. If field trip modules are oversubscribed, places are allocated by ballot. Students taking part in overseas field trips are responsible for securing their own visas, if required.

Environmental Science with Business Management

F8N2 BSc (three years)

A-level: ABB–BBB including a science subject

Typical offer: ABB. Alternative offers may be made to applicants taking the EPQ. See qmul.ac.uk/undergraduate/entry for further information

IB: 32–30 overall with 655–555 in HL subjects, including a science subject at HL. Typical offer: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Do you want to combine exploring interactions between people and environmental systems with developing skills in business management? Drawing on expertise from the Schools of Geography, Biological and Chemical Sciences and Business and Management, this multidisciplinary degree programme allows you to explore a diverse range of topics. These range from evolution to climate change; environmental pollution to river science and management; business concerns such as economics, management, marketing and human resources; as well as environmental engineering and the geographies of science and nature. You will undertake core training in environmental research techniques, financial accounting and business strategy, as well as exciting fieldwork opportunities in the UK, the USA and New Zealand.*

For module information and further details, please visit: qmul.ac.uk/F8N2



After coming to the Festival of Geography, I realised everyone there was friendly and helpful, the atmosphere was a joy and the course was exactly as I had expected, as well as the lecturers being amazing. I just wanted to say thank you all for putting on such an amazing and useful day!

Anna Pithers, Festival of Geography attendee



The Festival of Geography is a celebration of what we do – our staff are passionate about their research and teaching and are world-leading in their work

Professor Alison Blunt, Head of School

GEOGRAPHY AND ENVIRONMENTAL SCIENCE

DEGREE PROGRAMMES



Be part of our Festival of Geography

The Festival of Geography is a series of special open days at QMUL's School of Geography.

All of our offer holders are invited to join us for a day to find out what studying at QMUL Geography is all about. From hands-on laboratory sessions to topical lectures, campus tours to inspiring graduate talks, fieldwork showcases and lively Q&A sessions, the whole day is dedicated to showing you what it's like to be part of one of the world's top geography departments.

Find out more at: geog.qmul.ac.uk/admissions/undergraduate/festival

“My degree has given me the confidence and understanding to talk about relevant current local and global issues. This acquired knowledge will propel me towards a PhD and further research, something I didn't think I'd be capable of before coming to QMUL

Jason Lynch,
Environmental Science BSc (2018)

RELATED PROGRAMMES

Biological and Biomedical Sciences	55
Business Management	63
Politics and International Relations	225
Global Health	153
History	158
International Foundation Programme in Humanities and Social Sciences	46

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

geog.qmul.ac.uk/staff

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com. Admissions decisions are made on the basis of your UCAS application. Post-offer Open Days are held in February and March.

Academic enquiries

School of Geography
Tel: +44 (0)20 7882 8200
email: geogadmissions@qmul.ac.uk
geog.qmul.ac.uk

 QMULGeography

 QMULGeography

General enquiries

Freephone (UK callers only): 0800 376 1800
Tel (international students): +44 (0)20 7882 5511
email: admissions@qmul.ac.uk

GLOBAL HEALTH

Our BSc in Global Health will help you develop an understanding of a range of public health issues at a global level. As a student on this degree, you will benefit from a programme that provides you with a genuinely broad education: a key feature of this degree is that it is multidisciplinary. The degree is led by a team of experts who will support you to engage with a range of subjects and academic specialisms including: anthropology, economics, epidemiology, geography, law, medicine, parasitology, philosophy, politics, sociology and statistics.

You will discover that all of this is highly relevant to most, if not all, critical public health issues – whether it is the challenge of controlling pandemic diseases like Ebola or HIV/AIDS, increasing access to medicines in poor countries, responding to the threat of climate change, or preventing the further increase in drug resistant strains of bacteria.

A strong theme that runs through this course is social justice and equity (another word for “fairness”). Our biggest global health challenges are all shaped by the fact that we live in an increasingly unequal and precarious world. Similarly, you will find that it is impossible to consider the solutions to our pressing global challenges without having to confront the influence of politics, power and money. This degree produces knowledgeable and skilled graduates, who are socially responsible and progressive global citizens. The last few decades have seen the world become increasingly interconnected through various processes often referred to as “globalisation”. The transmission of diseases and the growing cross-border flow of patients and medical services are just two examples as to why public health has to adopt a global focus, and not just one that is local or national.

The programme will also critically examine the role of governmental and non-governmental organisations in the alleviation and intensification of health problems. This will include a thorough analysis of the governmental, corporate, and third-sector institutions that shape contemporary health policy and services including

HIGHLIGHTS

- A renowned and well-established Centre for Primary Care and Public Health.
- International programmes of research and teaching and links with international research networks.
- Based in London's East End, the Centre has close links to NHS organisations, local authorities and the voluntary sector, in one of London's most diverse areas.
- The Centre is one of the top health service research units in the UK, ranking fifth (out of 24) in the 2014 Research Excellence Framework.

the World Health Organization; the World Bank; the World Trade Organization; the tobacco, pharmaceutical, alcohol, and food industries; and charitable organisations. You will also explore how such global organisations and structures interact with and shape biomedicine, as well as understandings, experiences, and practices of health, disease, and illness.

With the theoretical and conceptual skills you develop during the programme, you will become equipped to critically appraise the quality of the evidence that accompanies a range of health policy and service delivery issues. Examples include government decisions over the implementation of pharmaceutical interventions, innovative health technologies, and decisions about how health systems should be funded and organised.



A strong theme that runs through this course is social justice and equity

Our Global Health programme equips you to critically appraise the evidence that accompanies a range of health policy and service issues



There will be opportunities to participate in events and activities run by a number of global health organisations based in London, including those that are connected to staff at QMUL and in our programmes of research into primary care, health systems, pharmaceuticals, trauma and injury, and migrant health. In the final year of the programme, you will undertake a two-week placement at a global public health organisation in London. Previous students have been placed with local councils, leading health journals, local non-government organisations, and think tanks.

Assessment

These modules are assessed by coursework, presentations and written exams. You will work on an extended self-directed research project in your third year.



I'm excited to be a part of Barts and The London, here in the East End of the city! Health is a field which has always interested me and I'm certain that this multidisciplinary degree will set me up for my future, working in the health sector

Lewis Thomas, Global Health BSc (2019)



Our teaching

Teaching takes the form of lectures, seminars and workshops. The seminars and workshops are designed to help you develop your critical and analytical skills.

AND AFTERWARDS...

Why study global health?

To operate effectively in the modern world, in the public service, or in commerce and industry, you need to have not just technical knowledge, but also the skills to advocate for your communities, projects, and ideas. Our multidisciplinary approach includes medical and scientific knowledge, and political, sociological, anthropological, and legal analysis.

What our graduates do next

Launched in 2014, we expect that graduates from our Global Health BSc programme will go on to work in an exciting, broad range of careers, including:

- medicine or dentistry
- research and academia
- public administration
- non-governmental organisations (NGOs)/charity
- politics/public policy
- graduate programmes, including law.

Some of you will apply your knowledge directly, entering development and health NGOs in the UK and abroad, while some of you will make use of your critical and advocacy skills, and your multidisciplinary background, to work more generally in national or local government, the NHS and other health services, media and publishing, and consultancy. Others may go on to professional programmes, such as medicine or law, or other specialised graduate degrees.


How we support you

Throughout the course, you will have access to our careers programme, which includes a careers fair, a series of talks by employers, workshops, and job application assistance.

You are encouraged to build your work experience throughout your period of study through, for example, our award-winning QProjects work experience scheme (which places students on challenging projects in local community organisations), QTemps job agency, Experience Works events and QMSU volunteering services. Over 3,000 vacancies are available to browse on the QMUL JobOnline vacancy site.

QMUL also provides over 1,200 on-campus jobs and volunteering opportunities, ranging from Hospital Volunteer to Gym Instructor and from Science Ambassador to Student Mentor.

For more information about our careers programme and the range of work experience available, please see pages 8–13 or visit: careers.qmul.ac.uk



Our multidisciplinary approach includes medical and scientific knowledge, and political, sociological, anthropological, and legal analysis

GLOBAL HEALTH DEGREE PROGRAMMES

Global Health

4U47 BSc (three years)

A-level: AAB–ABB

This is an interdisciplinary programme and a wide range of A-level subjects is accepted, including humanities, social sciences and science subjects

IB: 34–32 overall with HL 665–655

BTEC: Not accepted

The BSc in Global Health addresses the challenges and opportunities in worldwide healthcare policy and public health in the 21st century. You will be introduced to the wide range of knowledge needed to understand health today, such as population health, globalisation and international health governance.

You will exit the programme equipped with a portfolio of skills, including those needed to conduct and understand scientific research, and engage in public debate and develop policy.

To see our tutors discuss this degree and find out more, please visit: <https://youtu.be/uVstVkjLFE>

For module information and further details, please visit: qmul.ac.uk/4U47

LIFE SCIENCES RELATED PROGRAMMES

Life sciences are seen internationally as a growing research area and part of a thriving global industry. You may be interested in these other related programmes:

Biomedical Sciences	56
Genetics	57
Pharmacology and Innovative Therapeutics	58
Psychology	233

See page 212 for more details or visit: qmul.ac.uk/studylifescience

RELATED PROGRAMMES

Geography	145
Human Geography	146
International Relations	225
Politics	225

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

blizard.qmul.ac.uk/staff

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com

Academic enquiries

Dr Megan Clinch

Tel: +44 (0)20 7882 2541

email: bsc-enquiry-globalhealth@qmul.ac.uk

qmul.ac.uk/globalhealth

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk



BartsTheLondon

HISTORY

History at QMUL spans a wide range of regions, historical periods and types of history. You can specialise in a particular place or period, or spread your learning over whichever subjects interest you most. Our students study topics as varied as the Crusades, the History of Piracy, the History of Film, and the History of Terrorism, with world-leading experts who are also committed and skilful teachers.

Why study history at QMUL?

QMUL has one of the top 10 history departments in the UK according to the *Guardian University Guide 2017*. We are home to renowned academics who lead international research, but who are also engaged in innovative teaching and in bringing history to the wider public. This means your study will be informed by cutting-edge research, with many opportunities for historical study outside the classroom.

Our degrees are rigorously planned for quality and to ensure your intellectual development. They are also full of choice and flexibility, to allow you to tailor your studies to suit your interests. For example, you could study political history alongside the history of art and architecture, or combine history with film or literature. Many of our modules include teaching outside the classroom, with trips to museums and galleries. You will have access to extensive resources for study at the Queen Mary Library, the University of London Library (Senate House) and other libraries within the University of London. Our London location offers ready access to a wealth of museums, galleries and archives.

Our links with the world outside the university will enable you to bring your degree to life. We offer a varied programme of social and cultural events, including talks by distinguished speakers, film screenings, literature discussion groups and more.

We also offer you the chance to study abroad. Studying abroad will not only look great on your CV and help you to stand out in the job market but you will also discover a different culture and gain an international perspective on your studies. You can study abroad for a semester or a full year at a diverse group of universities such as Vrije Universiteit Amsterdam (Netherlands), University of Copenhagen (Denmark), Uppsala University (Sweden), University of Melbourne (Australia), and the University of Hong Kong.

HIGHLIGHTS

- We are in the top 40 history departments in the world, according to the QS World University Rankings 2016 by Subject.
- You will work with internationally renowned academics: five members of our staff are fellows of the British Academy.
- In the 2016 National Student Survey, we achieved 96 per cent student satisfaction in our teaching.
- We are ranked in the top 10 in the UK by the *Guardian University Guide 2017*.
- We offer a diverse range of modules, which means you can tailor your degree to your interests.
- We have a dedicated Student Experience Manager to make sure you get the most from your studies.

We take your wellbeing very seriously and want to make sure you have as rewarding and enriching an experience as possible with us. We have a dedicated Student Experience Manager on hand to make sure you get the most out of your studies by ensuring that the student voice is represented, and by managing and improving our taught programmes.

Assessment

Assessment is typically achieved through a mixture of examination and coursework. Coursework may take the form of essays, diaries, case studies, blogs or book reviews. Classroom presentations contribute to your overall mark on some modules. In your final year, you will research and write a dissertation for your Special Subject, allowing you to conduct original research under the guidance of a specialist in the field.

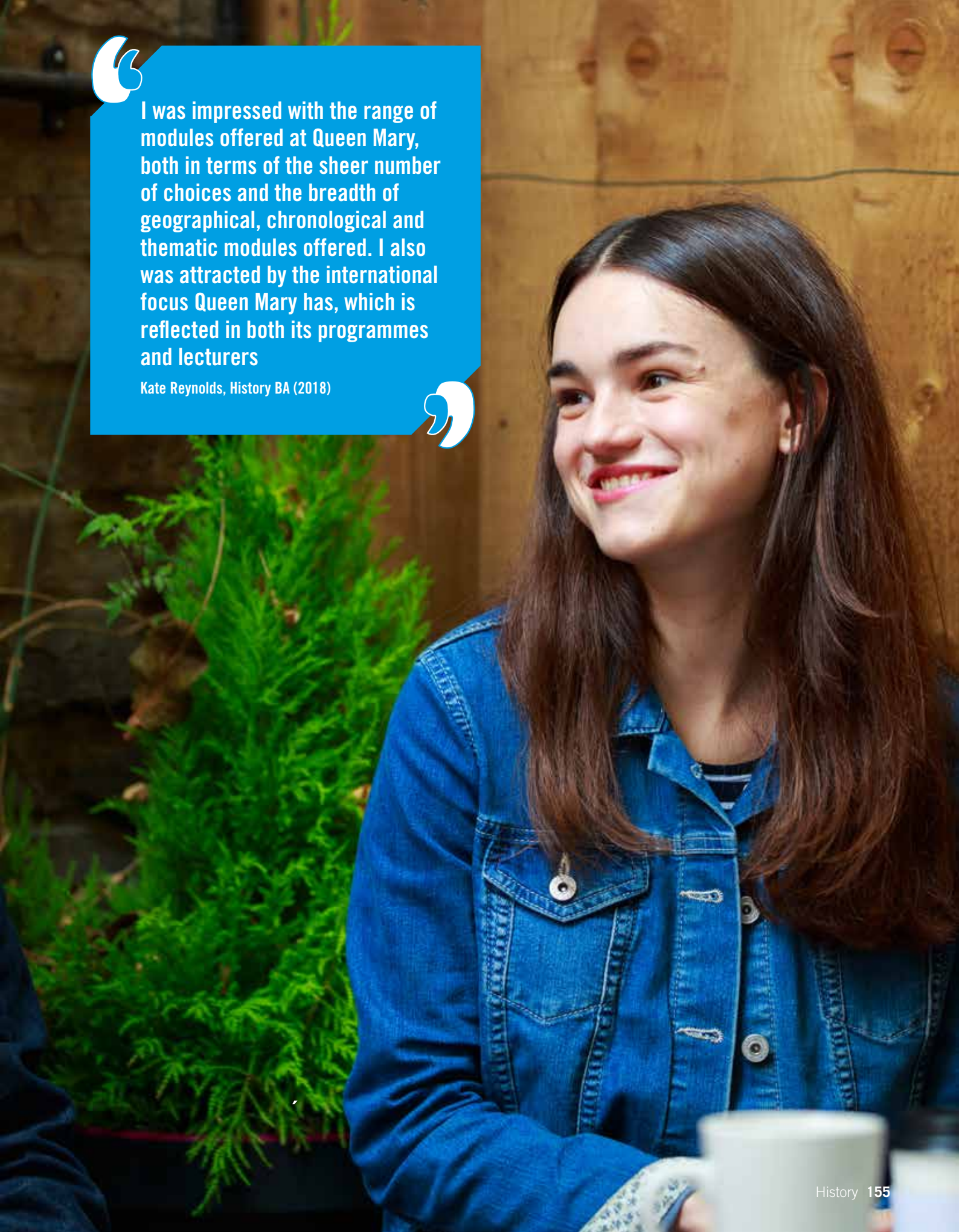
Our teaching

Most modules are taught in a one-hour lecture followed by a one-hour seminar each week. All of our classes are capped at a maximum of 15 students. In your final year, you will take a Special Subject that is taught as a two-hour-long seminar. Most students have eight hours of classes per week. This is supplemented by one-to-one discussions in staff office hours and feedback sessions.



I was impressed with the range of modules offered at Queen Mary, both in terms of the sheer number of choices and the breadth of geographical, chronological and thematic modules offered. I also was attracted by the international focus Queen Mary has, which is reflected in both its programmes and lecturers

Kate Reynolds, History BA (2018)



AND AFTERWARDS...

Why study history?

Graduates from our School of History work in a wide variety of careers. Some apply their degree knowledge directly, entering sectors such as government or heritage, while others work in law, government, education or in the commercial arena.

What our graduates do next

The national 2015 destination survey confirmed that 93 per cent of full-time, UK-domiciled graduates from the School of History were in employment or study six months after graduation. The broad range of skills acquired, coupled with multiple extracurricular opportunities, has enabled our students to move into careers such as:

- Global Team Co-ordinator, Talk PR
- Project Manager, The Royal Bank of Scotland
- Policy Adviser, HM Treasury
- Museum Assistant, Benjamin Franklin House
- Foreign News Reporter Trainee, Daily Mail and General Trust
- Intelligence Analyst, Cambridgeshire Constabulary
- Business Analyst, BP
- Parliamentary Assistant, UK Parliament

How we support you

The School of History receives bespoke careers support. This programme of support is subject to amendment based on student needs and will vary from year to year.

Did you know?

You don't have to take a law degree to become a lawyer. Law firms recruit heavily among history undergraduates, and will sponsor students to take a one-year conversion course

Emma Hedington

Studied: Medieval History BA

Currently: Senior Marketing Manager, Springer Nature

Please tell us about your current job

I work for an academic publisher and am responsible for the marketing and promotion of a series of scientific journals and online community sites, which are published in partnership with global scientific and medical organisations. I am also responsible for the account management of our international partner organisations in Europe, North America and the Middle East.

How did QMUL prepare you for work?

I made the most of the QMUL career service during my final year, and I attended a number of marketing and PR talks. From these talks, I set up a number of internships, which eventually led to my first job in marketing after graduating in June 2010. This was a really invaluable service as an undergraduate and set my career on the right path.

School of History workshops and events

We offer a series of workshops and events to help you to identify your career options, train you in recruitment and selection methods and offer you networking opportunities. These events are tailored to the needs of our students and will be run by the School's Careers Consultant.

In the past year, our careers programme included the History Futures day, enabling students to explore a variety of careers in just one day. In addition, there are events and workshops throughout the year, such as those exploring careers in journalism, publishing and teaching. New events planned for 2017/18 will help students to explore careers in law, marketing and public affairs.

History students are able to access dedicated Careers resources via QMPlus to find out what career options and opportunities are available to them, or to develop their employability skill set.

General Careers and Enterprise support

The following support is available to all QMUL undergraduate students:

- one-to-one appointments
- all-year-round short appointments in the Careers and Enterprise Centre with a Careers Consultant or Application Adviser for CV checking, mock interviews, help with career choice, finding work experience and part-time work, job and further study application support
- employer-led events: with over 120 employer-led events per year, ranging from workshops and networking sessions to our careers information fairs, there are plenty of opportunities to network with organisations looking to recruit QMUL students. Major employers on campus in 2015/16 of interest to the School of History included: Thomson Reuters, Ark Teacher Training, the Civil Service Fast Stream, The Publishers Association and *The Economist*. Students can access jobs with smaller and specialist employers via QRecruit placement schemes and the online jobs board
- library and online information: we have a library of information in the Careers and Enterprise Centre and online via QMplus, our website, Jobs Blog and social media channels for international and home students. These resources help you to develop your work experience, identify jobs and further study opportunities, and understand how to make strong job applications: careers.qmul.ac.uk
- QMUL's job vacancy board: you can find paid part-time, full-time, volunteering and internship opportunities in the UK and internationally at: careers.qmul.ac.uk/jobs

Enterprise support

You will also have access to training and support if you are interested in developing your own social or commercial enterprises. In the past, our students have received seed funding to start or grow a business, had opportunities to network with mentors, pitch ideas and attend start-up bootcamps. To find out more about our successful student entrepreneurs and further details, visit: careers.qmul.ac.uk/enterprise

You can also apply for career opportunities through one of the following services:

QProjects: part-time project work for students in local charities (2014 Guardian Employability Award Winner)

QInterns: full- and part-time internships in local SMEs and start-ups

QTemps: part-time and temp work on, and local to, campus

QConsult: short term consulting projects (2016 Guardian Employability Award Winner)

QMentoring: connects you with a QMUL alumnus or UK-based professional who will act as your mentor by providing first-hand insights into their businesses or industry.



We also have an Ambassador programme, which allows you to earn money by representing the School

HISTORY

DEGREE PROGRAMMES

History

V101 BA (three years)

A-level: ABB including history. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL history

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Our history degree is taught by many internationally renowned experts. The modules we offer provide you with a wide range of options across several centuries and cover all parts of the world. There are many different pathways: you could choose to take the widest degree possible, or to specialise in the history of America, Europe or Britain or in themes such as the history of war from the medieval to the modern period, the evolution of political ideas in Western civilisation, or film history. Many of our modules include trips to galleries, museums and archives.

For module information and further details, please visit: qmul.ac.uk/V101

Medieval History

V130 BA (three years)

A-level: ABB including history. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL history

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

We are unique among Russell Group universities in offering a dedicated medieval history degree. This degree covers the period from the transformation of the Roman Empire into the Middle Ages and to the Renaissance. The modules on offer range from the British Isles to the Middle East, and the history of the Crusades. You will learn how to study and analyse medieval sources, including texts, material objects and visual images. Throughout this degree, you will explore central historical questions that still affect the world today: religious difference, attitudes to minorities, and the forms of civic life.

For module information and further details, please visit: qmul.ac.uk/V130

Modern and Contemporary History

V140 BA (three years)

A-level: ABB including history. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL history

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This degree applies history to a range of contemporary issues. Our range of modules shows you how to analyse them in different ways. They could be biographical (eg Kennedy or Thatcher), national (eg British or American history) and thematic (eg the history of terrorism or political thought). You will study leadership and government and also the broader social and cultural contexts to form a holistic view. Dr Tristram Hunt MP is one of our lecturers, and we have many links with government and public bodies. Our London location makes this the perfect degree for those with a global interest.

For module information and further details, please visit: qmul.ac.uk/V140

History and Film Studies

VW16 BA (three years)

A-level: ABB including history. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL history

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Since it captured the world's imagination just over a century ago, cinema has had more impact than any other art form. It is a cultural, political and economic force. In this degree, you will study film as a historical phenomenon. The large range of modules and our flexible degree structure allow you to shape your degree to your interests. You can study the cinema of particular nations, or genres, as well as aspects of production, consumption and representation. You will also learn the skills of film criticism and analysis.

For module information and further details, please visit: qmul.ac.uk/VW16

French and History

VR11 BA (four years)

History and German

RV21 BA (four years)

A-level: ABB including history and French for VR11, or for RV21, GCSE in a language or experience of learning a language other than your mother tongue. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL history and HL French for VR11

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade B in French required for VR11, or for RV21, experience of learning a language other than your mother tongue

These programmes are ideal for anybody wishing to study one specific language and culture while putting it into the context of European history. This could prepare you for a career in diplomatic, international or charitable organisations. After a broad introduction to both areas of study you can, in your second and final years, choose modules in French/German and history that complement each other. You will take core modules in the written and spoken language through to your final year, and your third year is normally spent abroad. For more about the year abroad, see: slf.qmul.ac.uk/undergraduate/year-abroad-language-students and page 161.

For module information and further details, please visit: qmul.ac.uk/VR11 or qmul.ac.uk/RV21

History and Politics

LV21 BA (three years)

A-level: ABB including history. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL history

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This degree is jointly taught by the Schools of History and Politics and International Relations and reflects the close links between the two subject areas. It provides an opportunity to understand the modern world by studying the evolution of political ideas and institutions alongside the historical development of the major powers. We are home to the Mile End Institute (MEI), a forum that brings together our academic experts with politicians, civil servants and business leaders.

Through the MEI, we hold regular events where you can interact with leading national and international figures, to really bring your degree to life. With Westminster, Whitehall and the City on our doorstep, we are the perfect place to study these subjects.

For module information and further details, please visit: qmul.ac.uk/LV21

HISTORY

DEGREE PROGRAMMES

History and Comparative Literature VQ12 BA (three years)

A-level: ABB including history. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL history

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

You will divide your time equally between the two subjects. Comparative literature makes connections between literary texts of different times, places and traditions and between literature and philosophy, film, music and the visual arts. History complements this, enabling you to gain an understanding of the historical contexts in which literature is conceived. The history programme covers the main themes in medieval, modern and contemporary history. Advanced module options in the second and final years enable you to concentrate on the subject areas that interest you most.

For module information and further details, please visit: qmul.ac.uk/VQ12

English and History QV31 BA (three years)

A-level: ABB including A in English literature or English language and literature and B in history. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL 6 in English A and HL 5 in history

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

What is the relationship between a text and its context? How are writers affected by the circumstances in which they live? What influence do literary texts have on social, cultural and political life?

Our degree in English and History gives you the chance to reflect on these questions, and to consider how these disciplines relate to, and inform, one another.

You will examine the interaction between writing and society in the periods that interest you most.

For module information and further details, please visit: qmul.ac.uk/QV31



I love our location here in the rich urban culture of east London, and I never fail to be amazed by the energy and creativity of my colleagues across the university. There are so many interesting and enriching activities taking place here, and it's all down to the commitment and dynamism of QMUL people, who go out and make it happen

Helen McCarthy, Reader in Modern British History

Law with History

M1V1 LLB (three years)

A-level: AAA including history

Minimum six GCSE passes normally required at AAAABB or 777766 including English and maths

IB: 37 overall with 18 from HL subjects including history

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This joint honours LLB offers you the opportunity to study the disciplines of law and history in combination. In the first year, your time will be divided 50/50 between the two. You will cover the foundations of legal knowledge necessary for a Qualifying Law Degree, together with a broad range of both introductory and advanced options in history. You will graduate with an ability to understand the practice of law in a historical context, which will be beneficial whether you pursue legal practice or postgraduate research.

For more information, please visit: qmul.ac.uk/M1V1

Year Abroad: tuition fees

If your third year is spent studying abroad, you will pay a reduced tuition fee to QMUL, currently 15 per cent of current undergraduate fees. (For guidance, in 2016/17, Home/EU students paid £1,350; while international students paid 50 per cent of that year's tuition fee for their programme.)

Please note: you will not pay a fee to the host university while abroad, but you will be expected to cover your living and accommodation costs.

RELATED PROGRAMMES

Comparative Literature	77
Film Studies	139
Geography	145
International Foundation Programme in Humanities and Social Sciences	46

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

history.qmul.ac.uk/staff

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com

Academic enquiries

School of History

Tel: +44 (0)20 7882 8370

email: history-admissions@qmul.ac.uk

history.qmul.ac.uk

General enquiries

Freephone (UK callers only):

0800 376 1800

Tel (international students):

+44 (0)20 7882 5511

email: admissions@qmul.ac.uk

INFORMATION TECHNOLOGY

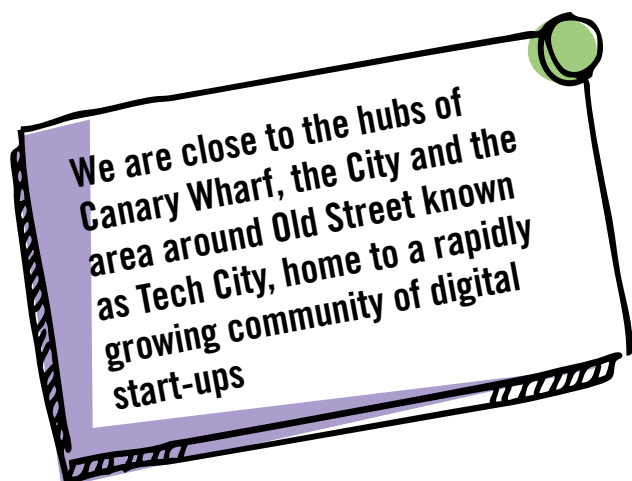
In today's business world, information equals power. The world is driven by the collection, analysis and strategic use of data. And technology is key to a business' ability to use it to inform their strategic decisions.

But who manages all this data? Who analyses the data and uses it to predict the financial markets, shopping behaviour and other societal trends? Who designs and manages the infrastructure needed to support this data collection and analysis? Well, it's those people employed in information technology.

These specialists need a foundation in programming, network infrastructure, information systems, databases, economics, accounting, marketing, data mining – and this is what a degree in information technology can offer you.

Why study information technology at QMUL?

We are a campus university, positioned centrally to the hubs of Canary Wharf, the City and the area around Old Street known as Tech City, home to a rapidly growing community of digital start-ups, including Mind Candy, PlayGen and Last.fm. We have links with many companies in these areas. Many of them are ITMB partners (such as IBM, SAS Institute, Capgemini and RBS) who have significant involvement in our degrees, providing exclusive lectures, internships and placements.



HIGHLIGHTS

- Relevant degrees are accredited by the Tech Partnership.
- 91 per cent of our computer science research has been rated as “world-leading” or “internationally excellent” (REF 2014).
- Great links with industry: our programmes can be studied with industrial input, either as a placement or a project, and we also have staff dedicated to helping you find a placement. Our students have worked with companies including GlaxoSmithKline and ITRS.

The School of Electronic Engineering and Computer Science (EECS) has grown out of some of the oldest departments of their kind in Britain – we helped set up the first internet node in the UK. We're proud of that history but it's our enthusiasm for the latest research and our active commercial and research partnerships with industry that make us special.

Teaching

You'll be taught by staff who are at the forefront of their specialism, recognised in the most recent national assessment of the quality of university research (REF 2014) for their “world-leading” and “internationally excellent” research, and this feeds into our students' final-year projects. REF 2014 placed us 11th in the country for our computer science research and sixth for electronic engineering (*Times Higher Education*).

Along with use of all the facilities at QMUL, you will have exclusive access to our Informatics Teaching Laboratory, with over 300 multimedia workstations, and an electronics lab. We also have innovative research facilities to support teaching on specialist modules including an Antennas Measurement Lab (AML), a Mac Pro multimedia editing suite, a versatile performance space and a state-of-the-art sound recording studio.



I looked all over London for the right degree and chose ITMB at QMUL for its employment prospects – the business focus, links with big organisations and chance to complete an Industrial Experience year were a combination I couldn't find anywhere else

Yasmin Martin, Information Technology Management for Business (ITMB) with Industrial Experience BSc(Eng) (2018)



AND AFTERWARDS...

A degree in information technology management offers you excellent career prospects – having experienced massive growth over the past few years, the industry is only predicted to expand further over the next decade and, what's more, there is no typical career path. With a degree focused on information technology management, you may find yourself liaising with and solving client issues, managing technical projects or developing new applications.

Some of our graduates apply their degree knowledge directly, becoming Data Analysts or Business Systems Architects, while others transfer skills gained during study into areas such as consultancy, education or finance. Opportunities can be found in a wide range of industries including retail, banking, telecommunications, energy, IT, aerospace, education and research. Typical roles include Business Analyst, Client Manager, Project Manager, Network Specialist or Data Analyst.

Recent starting roles of some of our graduates include Website Developer, Software Developer and Data Analyst.

Enhance your career prospects with a year in industry

All of the three-year degrees offered in this subject include an Industrial Experience option: the chance to spend a year in industry. This option means you take four years to complete your BSc(Eng), with your third year spent working in a role directly related to your studies. It allows you to apply your skills in a professional context, giving you an important edge in the graduate job market. Our specialist Electronic Engineering and Computer Science Industrial Placement Manager is on hand to help you search for your placement and provide support throughout your year in industry.

SECURING YOUR FUTURE

1.7m: the number of tech specialist jobs over the next decade that will be created, according to recent research by the Tech Partnership*. They estimate that over the next decade 171,000 new recruits will be needed in tech specialist careers every year between now and 2025.

Samsung SDS, Vodafone, Goldman Sachs, BSkyB, Transport for London: just some of the companies our students have worked with in their year in industry.

£25k: the median starting salary for graduates from our School of Electronic Engineering and Computer Science.

* thetechpartnership.com/news-events/news/more-than-1.7m-new-jobs-for-tech-specialists-in-the-next-decade-says-tech-partnership

How we support you

Throughout the course, our careers programme helps prepare you for internships and graduate-level work. The programme includes workshops, guest lectures and employer events and supports you in job hunting, applications and networking.

Our strong industry links make finding your first job easier. Events include the IT and Technology Fair, featuring 30 organisations seeking new talent, including Airbus, BAE Systems, Bloomberg, Capgemini, eBay, EDF, E.ON, FDM, IBM, Goldman Sachs, RAF, Rolls-Royce, Siemens, Sungard, TfL, Thales. We work with a range of other organisations that offer graduate opportunities in computer science, in sectors including banking, media and technology, and telecommunications.

One-to-one support is also available from our specialist Industrial Placement Manager, as well as from the university's Careers team.

Find out more about careers support on pages 8–13 or at: careers.qmul.ac.uk

INFORMATION TECHNOLOGY

DEGREE PROGRAMMES

Information Technology Management for Business (ITMB)

(NN11) BSc(Eng) (three years)

(NI11) BSc(Eng) (four years with Industrial Experience)

A-level: ABB

GCSE maths grade B or 5 or equivalent also required

IB: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

The Information Technology Management for Business (ITMB) degree is the result of a collaboration between top UK employers and universities. It offers you a unique combination of computer science and business management (the management modules are delivered both by EECS and SBM, the School of Business and Management), and so equips you with the right technical and business skills to enter the workplace. You will cover topics including programming, network infrastructure, information systems, databases, economics, accounting, marketing and data-mining. An additional benefit is the employer involvement in this degree. You will be given exposure to up-to-date issues facing the IT industry in the form of weekly Industry Insights. The combination of technical and business content, complemented by employer involvement, ensures that you are prepared for a wide range of careers and industries. Our ITMB students are invited to exclusive employer/university events, competitions, mock interview sessions and industrial placements.

For module information, latest entry requirements and further details, please visit:
qmul.ac.uk/NN11 or qmul.ac.uk/NI11



The Information Technology Management for Business (ITMB) degree is accredited by the Tech Partnership as a Tech Industry Gold

degree. The Tech Partnership is a growing network of employers creating the skills needed for the digital economy (you can see just some of the companies involved below). Their Higher Education network of employers endorses Tech Industry Gold degrees and, together with universities, helps to update and contribute to the curriculum to ensure they get the relevant skills for the sector.





Our information technology degrees allow you to place the technologies you're learning about firmly in the business context, which is invariably why our students have chosen them. It's great to work with students that are so enthusiastic and focused on solving problems that the real world faces

Rachel Appleton, Senior Lecturer in Information Technology Management, School of Electronic Engineering and Computer Science



INFORMATION TECHNOLOGY

DEGREE PROGRAMMES

Graduating from ITMB has been one of the most rewarding experiences I've had. It has enabled me to secure a graduate scheme at Barclays; explore multiple roles within technology and business across different companies; and helped me to develop a wider network across various industries. I have also continued education alongside my job with a part time MSc in Banking and Finance at QMUL. The opportunities through a Tech Partnership-accredited degree are unparalleled to any other degree

Ryan Clifford, Information Technology Management for Business BSc(Eng) (2016)

RELATED PROGRAMMES

Business Management	63
Computer Science with Business Management	84
Software Engineering for Business	85

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

eecs.qmul.ac.uk/people/academic

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com Once we have received your application, we normally make offers within two weeks. You will then be invited to an Open Day, where you will have the opportunity to meet current students and staff.

eecs.qmul.ac.uk/undergraduates

Academic enquiries

School of Electronic Engineering and Computer Science

Tel: +44 (0)20 7882 7332

email: eecs-ug-enquiries@qmul.ac.uk

eecs.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

eecs.qmul.ac.uk/contact-us

All the three-year degrees in this subject area offer an Industrial Experience option

LANGUAGES AND CULTURES

Studying a language and its associated cultures opens up new worlds. In the era of globalisation, the value of mastering more than one language and having intercultural skills is at an all-time high.

Why study languages and cultures at QMUL?

Language teaching at QMUL is fully integrated into a rich programme of social, philosophical, cultural, political and linguistic enquiry. The subjects we teach are French, German, Spanish, Catalan, Portuguese and Russian.

You are encouraged to look beyond the confines of your subject and take some complementary modules from other departments within the School to create links and widen your horizons. In addition to the acquisition of knowledge, you learn to contextualise information, develop analytical skills and become an experienced communicator.

We believe that the integration of your academic studies and your life outside university is crucial. Our students can put on plays, produce podcasts and short films, liaise with writers and journalists, and make full use of the rich offerings of London's cultural institutions, which are deepened by our strong links with the Austrian Cultural Forum, Institut Ramon Llull, Goethe-Institut, Institut Français, Instituto Cervantes, Instituto Camões and Pushkin House. Such activities are not just culturally rewarding – they help you to prepare for your future career.

Teaching

Typically, you will have a lecture per week for each module, followed by a seminar group session. You will spend about 10–16 hours a week in classes, depending on the degree you choose. Of these, four to 10 hours are language classes in small groups. Many more hours go into guided study outside the classroom. We teach multiple language skills through the fullest use of up-to-date technologies, while not abandoning traditional methods such as formal grammar teaching.

Assessment

Assessment methods include a mixture of written exams and coursework, final-year dissertations and a range of more innovative methods, such as independent projects and creative journals.

HIGHLIGHTS

- Extensive links to many of London's cultural institutions
- Spend a year abroad, studying or working, and immerse yourself in the language and culture of your destination
- Flexibility: you have a wide range of topics to choose from
- French, German and Hispanic Studies all ranked third in London by the *Complete University Guide 2017*. Russian was ranked first.
- We are the only university to offer Catalan as a named degree subject.

Study abroad

The time spent abroad during the third year of your degree is a great opportunity to gain high-level skills in a foreign language, test and develop your intercultural competence, build confidence and boost your employability. You can study at university, take up a work placement or teach English as a foreign language on a scheme run by the British Council.

Study Abroad: tuition fees

If your third year is spent abroad studying or working, you will pay a reduced tuition fee to QMUL, currently 15 per cent of current undergraduate fees. (For guidance, in 2016/17, Home/EU students paid £1,350; while international students paid 50 per cent of that year's tuition fee for their programme.) If you intend to spend only one semester studying or working abroad, you will be charged the full tuition fee for that year of your QMUL programme (if at least 10 weeks are spent at QMUL).

Please note: you will not pay a fee to the host university while abroad, but you will be expected to cover your accommodation and living costs.



“

The Russian course is fantastically administered; a really great learning experience such as I have never had before. My Russian has come along in leaps and bounds in only two years

Timothy Ignatiev, Russian with Business Management BA (2017)

”

AND AFTERWARDS...

How can I use my degree?

A large number of companies in the UK and abroad seek the skills of language graduates. Not only will you have a very high command of another language (or languages) and be familiar with their associated cultures, but you will also be an excellent communicator, be culturally adaptable and have a range of research skills.

Careers in languages include: Teacher of Foreign Languages at primary and secondary schools, Teacher of English Abroad, Translator, Interpreter, Cultural Briefing Consultant, Multilingual Website Constructor, or working in subtitling or dubbing. Careers with languages include: work in the diplomatic service (Foreign & Commonwealth Office), multinational corporations, banking, marketing, journalism, media, publishing and international law (postgraduate conversion course).

What our graduates do next

The national 2015 destination survey of full-time, UK-domiciled students, confirmed that 95 per cent of the School's graduates were in employment and/or study six months after graduation, with 79 per cent already working and/or studying at graduate level.

The broad range of skills gained through our academic courses, coupled with multiple opportunities for extracurricular activities and work experience, has enabled our students to move into careers such as:

- [Marketing Manager Assistant](#), Yahoo
- [Administrator](#), League Managers Association
- [Trade Union Representative](#), Independent Workers Union of Great Britain
- [Adult English Teacher](#), Buenos Aires College
- [Project Assistant](#), London School of Economics
- [Project Management Graduate](#), Transport for London (TfL)
- [Advertising Sales Executive](#), Condé Nast
- [Recruitment Consultant](#), Kea Consultants

Josephine Roulet

Studied: Russian BA (2013)

Currently: Assistant to Research and Development Director, EDF Energy

Can you tell us a bit about your degree programme?

Studying in the Russian Department was an extremely pleasant and positive experience. The lecturers were very qualified and passionate individuals. The great thing about studying Russian at Queen Mary is that there is a small number of students per year, meaning that we got a lot of attention and opportunities for one-to-one discussions with our lecturers. We also had the chance to be taught by one of the best translators of Russian of our time – Robert Chandler.

What is it like to study in London?

London has got everything to fulfil my interests and I felt really lucky to be part of the University of London, too. This has got a few advantages, such as access to the beautiful, spacious, and comprehensive Senate House Library on Russell Square.

How we support you

Our annual Careers and Enterprise Centre programme prepares you for internships and graduate-level work, including employer-led workshops on job applications, interviews and over 120 employer networking events.

The School offers regular careers events for language students including a workshop for students returning from their year abroad and a Make Languages Work For You speedmeet, with alumni who work in a variety of roles.

Work experience

Opportunities for work experience are substantial, given our London location, and we encourage you to build your work experience throughout your period of study. See page 10 for more information on QProjects, our award-winning work experience scheme, and the range of options open to you, from internships to part-time work, full-time jobs and volunteering.

For more information about our careers programmes and the range of work experience and support we offer, please see pages 8–13 or visit: careers.qmul.ac.uk

LANGUAGES AND CULTURES

DEGREE PROGRAMMES

French

R100 BA (four years)

A-level: BBB, including French. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects, including HL French

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade B in A-level French required in addition

You will take core modules in written and spoken French all the way through to your final year. The emphasis throughout is on combining practical and analytical language teaching with modules that explore the language in different contexts. Your first year introduces you to various aspects of French studies, such as literature, linguistics, art, thought and politics. In later years, you choose more specialised modules in these or other areas, developing both your linguistic expertise and your understanding of French culture. Your third year is normally spent in France or a French-speaking country.

For module information and further details, please visit: qmul.ac.uk/R100

German

R201 BA (four years)

A-level: BBB including an essay-based humanities/social sciences subject and GCSE in a language or experience of learning a language other than your mother tongue. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects including at least one essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Experience of learning a language other than your mother tongue also required

This programme covers the language, culture and history of Germany, Austria and German-speaking Switzerland. You will take core modules in written and spoken German right up to your final year. The emphasis throughout is on combining practical and analytical language teaching with modules exploring the language in different contexts. The first year provides a broad overview of the subject. In subsequent years, you will

deepen your knowledge in areas such as language and society, literary and media studies, gender studies and the history of ideas. Your third year is normally spent in a German-speaking country.

For module information and further details, please visit: qmul.ac.uk/R201

Hispanic Studies

R451 BA (four years)

A-level: BBB including an essay-based humanities/social sciences subject and GCSE in a language or experience of learning a language other than your mother tongue. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects including at least one essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Experience of learning a language other than your mother tongue also required

This programme covers Spain, Portugal and Latin America and gives you the opportunity to study Spanish, Portuguese and Catalan, as well as European and Latin American Spanish. You will take core modules in the written and spoken languages of your choice every year. The emphasis is on combining practical and analytical language teaching with modules that explore the languages in their different contexts. Your first year introduces you to various aspects of Hispanic studies, while in later years you choose more specialised modules. Your third year is normally spent in a country where the language you are studying is spoken.

For module information and further details, please visit: qmul.ac.uk/R451

LANGUAGES AND CULTURES

DEGREE PROGRAMMES

Hispanic Studies and Catalan

R490 BA (four years)

A-level: BBB, including Spanish. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects, including HL Spanish

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade B in A-level Spanish required in addition

This programme focuses on the multicultural and multilingual nature of the Hispanic world. It is split between the two languages (Spanish and Catalan). To achieve the same high level of competence in both languages, you will take modules in the written and spoken language for each subject all the way through your degree course. In addition, each year you will choose from a range of modules offered by the department of Iberian and Latin American Studies, or by the School of Languages, Linguistics and Film. You normally spend your third year abroad in a Catalan-speaking territory.

For module information and further details, please visit: qmul.ac.uk/R490

Russian

R711BA (four years)

A-level: BBB including an essay-based humanities/social sciences subject and GCSE in a language or experience of learning a language other than your mother tongue. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects including at least one essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Experience of learning a language other than your mother tongue also required

You will take core modules in written and spoken Russian all the way through to your final year. The emphasis throughout is on combining practical and analytical language teaching with modules that explore the language in different contexts. You will learn about various aspects of Russian culture, such as literature, art, film and

thought. You can also participate in the annual play, which is performed in Russian. Your third year is normally spent abroad.

For module information and further details, please visit: qmul.ac.uk/R711

French and Hispanic Studies

RR41 BA (four years)

French and Portuguese

RR51 BA (four years)

French and Russian

RR71 BA (four years)

French and German

RR21 BA (four years)

German and Hispanic Studies

RR24 BA (four years)

German and Russian

RR27 BA (four years)

Hispanic Studies and Russian

R7R4 BA (four years)

Hispanic Studies and Portuguese

RR45 BA (four years)

A-level: BBB, including B in French for programmes with French; B in one of the named subjects for other programmes. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects. HL 5 French required for programmes with French. HL 5 in one of the named subjects required for other programmes

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade B in A-level French required in addition for programmes with French. Grade B in one of the named subjects or equivalent required for other programmes

These degrees are split equally between two language subjects. To achieve the same high level of competence in both languages, you will take core language modules for both through to your final year.

For more details about the other modules taken, please consult the single language and culture entries. Your third year is normally spent abroad and can be split between both languages.

For module information and further details, please visit: qmul.ac.uk/RR41, qmul.ac.uk/RR51, qmul.ac.uk/RR71, qmul.ac.uk/RR21, qmul.ac.uk/RR24, qmul.ac.uk/RR27, qmul.ac.uk/R7R4 or qmul.ac.uk/RR45

French and Comparative Literature

RQ12 BA (four years)

German and Comparative Literature

QR22 BA (four years)

Hispanic Studies and Comparative Literature

QR24 BA (four years)

Russian and Comparative Literature

QR72 BA (four years)

A-level: BBB, including A-level French for RQ12, or for other programmes, GCSE in a language or experience of learning a language other than your mother tongue. An A-level in an essay-based humanities/social sciences subject is also required for all programmes. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects, including HL 5 in French for RQ12. An essay-based HL subject in humanities/social sciences also required

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. A-level French grade B required in addition for RQ12

These programmes combine the acquisition of an in-depth knowledge of a specific language and culture with an exploration of the broader perspective of the literatures and cultures of Europe and beyond. Your degree is split equally between both subjects, enabling you to draw connections between texts rooted in different times, places and traditions. After a broad introduction to the fields, you will, in your second and final years, take module options concentrating on specific cultural themes, movements and genres. Your third year is normally spent abroad.

For module information and further details, please visit: qmul.ac.uk/RQ12, qmul.ac.uk/QR22, qmul.ac.uk/QR24 or qmul.ac.uk/QR72

French with Business Management

R1N1 BA (four years)

German with Business Management

R2N1 BA (four years)

Hispanic Studies with Business Management

R4N1 BA (four years)

Russian with Business Management

R1N7 BA (four years)

A-level: ABB including French for R1N1, or for other programmes, GCSE in a language or experience of learning a language other than your mother tongue, and an essay-based humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL 5 in French for R1N1

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade B in A-level French required in addition for R1N1

Combining a foreign language with business management can help prepare you for the world of international business by combining the acquisition of linguistic skills and intercultural competence with an understanding of business management. You will take core modules in the written and spoken language, and study its associated cultures through to your final year. The business modules make up about a quarter of your programme. Your third year is normally spent abroad.

For module information and further details, please visit: qmul.ac.uk/R1N1, qmul.ac.uk/R2N1, qmul.ac.uk/R4N1 or qmul.ac.uk/R1N7

LANGUAGES AND CULTURES

DEGREE PROGRAMMES

Film Studies and French

RW16 BA (four years)

Film Studies and German

RW26 BA (four years)

Film Studies and Hispanic Studies

RW46 BA (four years)

Film Studies and Russian

RW77 BA (four years)

A-level: BBB, including A-level French for RW16, and for other programmes, GCSE in a language or experience of learning a language other than your mother tongue. A-level in an essay-based humanities/social sciences subject also required for all programmes. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects, including HL 5 in French for RW16 and at least one essay-based humanities/social sciences HL subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. A-level French grade B required in addition for RW16

These programmes combine the acquisition of an in-depth knowledge of one specific language and culture with an understanding of the aesthetics, conditions of production and history of film worldwide. You will take core modules in the written and spoken language every year. After a broad introduction to both fields, you can, in your second and final years, take modules in both your chosen language and culture and in film that fruitfully complement each other. Your third year is normally spent abroad.

For module information and further details, please visit: qmul.ac.uk/RW16, qmul.ac.uk/RW26, qmul.ac.uk/RW46 or qmul.ac.uk/RW77

French and Linguistics

RQ11 BA (four years)

German and Linguistics

RQ21 BA (four years)

Hispanic Studies and Linguistics

RQ41 BA (four years)

Russian and Linguistics

QR71 BA (four years)

A-level: BBB including French for RQ11, or for other programmes, GCSE in a language or experience of learning a language other than your mother tongue, and an essay-based humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects, including HL 5 in French for RQ11 and at least one essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade B in A-level French required for RQ11 or, for other programmes, experience of learning a language other than your mother tongue

These programmes combine the acquisition of an in-depth knowledge of one specific language and culture with a broader understanding of the structure and sound systems of languages, of how grammar and meaning relate and how dialects work. You will take core modules in the written and spoken foreign language every year. During your studies, you will be drawing comparisons between the English language and others – in particular, the language of your specific programme. Your third year is normally spent abroad.

For module information and further details, please visit: qmul.ac.uk/RQ11, qmul.ac.uk/RQ21, qmul.ac.uk/RQ41 or qmul.ac.uk/QR71

French and History

VR11 BA (four years)

History and German

RV21 BA (four years)

A-level: ABB including history and French for VR11, or for RV21, GCSE in a language or experience of learning a language other than your mother tongue. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL history and HL French for VR11

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade B in French required for VR11, or for RV21, experience of learning a language other than your mother tongue

These programmes are ideal for anybody wishing to study one specific language and culture while putting it into the context of European history. This could prepare you for a career in diplomatic, international or charitable organisations. After a broad introduction to both areas of study, you can, in your second and final years, choose modules in French/German and history that fruitfully complement each other. You will take core modules in the written and spoken language through to your final year, and your third year is normally spent abroad. In your final year, you work on primary source material through a document-based history special subject that includes original research on a subject of your choice.

For module information and further details, please visit: qmul.ac.uk/VR11 or qmul.ac.uk/RV21



English and French

QR31 BA (four years)

English and German

RQ23 BA (four years)

English and Hispanic Studies

RQ43 BA (four years)

English and Russian

QR38 BA (four years)

A-level: ABB with A in English literature or English language and literature and B in French for QR31, or for other programmes, GCSE in a language or experience of learning a language other than your mother tongue. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in relevant HL subjects, including HL 6 in English A. HL 5 in French also required for QR31.

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade A in A-level English literature or English language and literature required in addition. Grade B in A-level French also required for QR31, or for other programmes, experience of learning a language other than your mother tongue

Studying English combined with a foreign language and culture gives you the opportunity to explore connections and interactions between cultural traditions. You will take core modules in the written and spoken foreign language through to your final year. Your time will be divided equally between the two subjects, and after broad overviews of both disciplines in your first year, you will be able to choose modules that fruitfully complement each other and invite further comparison. Your third year is normally spent abroad.

For module information and further details, please visit: qmul.ac.uk/QR31, qmul.ac.uk/RQ23, qmul.ac.uk/RQ43 or qmul.ac.uk/QR38

LANGUAGES AND CULTURES

DEGREE PROGRAMMES

French and Drama

WR41 BA (four years)

German and Drama

WR42 BA (four years)

Hispanic Studies and Drama

WR44 BA (four years)

Russian and Drama

WR75 BA (four years)

A-level: ABB, including A-level French for WR41, and for other programmes, GCSE in a language or experience of learning a language other than your mother tongue. An A-level in arts/humanities/social sciences subject and at least one essay-based subject are also required for all programmes. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL 5 in French for WR41. An arts/humanities/social sciences and at least one essay-based HL subject are also required

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. A-level French grade B required in addition for WR41, or for other programmes, experience of learning a language other than your mother tongue

These programmes combine the acquisition of an in-depth knowledge of one specific language and culture with an understanding of the aesthetics, conditions of production and history of theatre and performance. During the programme, you will also familiarise yourself with the key concepts and techniques required to study cultural practices and to explore the connections between different cultural traditions. You will take core modules in the written and spoken language through to your final year, and your third year is normally spent abroad.

For module information and further details, please visit: qmul.ac.uk/WR41, qmul.ac.uk/WR42, qmul.ac.uk/WR44 or qmul.ac.uk/WR75

French and Politics

LR21 BA (four years)

German and Politics

LR22 BA (four years)

Hispanic Studies and Politics

LR24 BA (four years)

Russian and Politics

RL72 BA (four years)

A-level: ABB including French for LR21, or for other programmes, GCSE in a language or experience of learning a language other than your mother tongue, and an essay-based humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL 5 in French for LR21, and at least one essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade B in A-level French required in addition for LR21, or for other programmes, experience of learning a language other than your mother tongue

These programmes combine the acquisition of an in-depth knowledge of one specific language and culture with a general understanding of political theory, ideas and ideologies, governments and institutions, and international relations. You will be able to explore the mutual influences between politics and culture. This could prepare you for a career in diplomatic, international or charitable organisations. You will take core modules in the written and spoken language through to your final year, and your third year is normally spent abroad.

For module information and further details, please visit: qmul.ac.uk/LR21, qmul.ac.uk/LR22, qmul.ac.uk/LR24 or qmul.ac.uk/RL72

French Studies

R102 BA (three years)

A-level: BBB, including French. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects, including HL French

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade B in A-level French required in addition

This challenging three-year programme allows you to develop advanced language skills and detailed cultural knowledge, moving seamlessly between QMUL and the vibrant community of the University of London Institute in Paris, where you will spend eight months during your second year. You can pursue a range of interests, including film, history, art, thought and literature, as well as translation skills and French for commercial purposes.

For module information and further details, please visit: qmul.ac.uk/R102

RELATED PROGRAMMES

Comparative Literature	77
Drama	103
English	133
Film Studies	139
History	158
Politics	225
International Foundation Programme in Humanities and Social Sciences	46

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our school

sllf.qmul.ac.uk

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com Transfer or mature applicants may be invited for interview or asked to produce a piece of written work.

Academic enquiries

School of Languages, Linguistics and Film
Tel: +44 (0)20 7882 8331/8314
email: sllf-ug@qmul.ac.uk
sllf.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800
Tel (international students): +44 (0)20 7882 5511
email: admissions@qmul.ac.uk

Law is a subject that covers nearly all aspects of human activity – from the contract you enter into when you buy a chocolate bar to your right to express yourself freely. At QMUL, you'll study the modules key to obtaining a qualifying law degree, but you can also focus on a range of specialist areas including human rights law, international law, and law and medical ethics.

A law degree is about analysis, attention to detail, argument and communication. It also teaches you the skills you need to read and apply legal documents, such as Acts of Parliament, EU legislation and case reports.

Why study law at QMUL?

The School of Law at QMUL consistently performs well in university rankings. The *Guardian University Guide 2017* ranks us as joint 5th in the UK. In the 2016 National Student Survey (NSS), 91 per cent of our students expressed overall satisfaction, reflecting our dedication to making your experience here the best it can be.

If you decide to come to QMUL, you will be joining a lively and engaged student body that provides lots of ways to expand your legal education through workshops, networking events and practical experience. We also have Graduate Student Advisers (GSAs) – postgraduate students who run drop-in sessions and workshops designed to support all aspects of your university career.

QMUL is on the doorstep of London's legal district, giving you unique opportunities to network with, and be taught by, some of the UK's top legal minds. You will also benefit from the expertise of our academic staff, who are at the cutting edge of research in their disciplines, and carry out high-profile work advising international organisations such as the United Nations, EU institutions, the World Bank, the International Court of Justice in The Hague, the British Parliament and foreign governments.

HIGHLIGHTS

- We are ranked joint 5th in the UK by the *Guardian University Guide 2017*.
- You can take advantage of a number of exciting year abroad placements all over the world, such as Hong Kong, Shanghai, Toronto, Austin Texas, Singapore, India, and Brazil.
- Our School's Legal Advice Centre offers you the opportunity to work alongside trained solicitors, advising members of the public on real issues.
- Our students run several law-based societies, helping you to get involved in the life of the School and network with prominent members of the legal profession.
- We are based close to London's legal district and have links with many major City law firms.
- We offer many opportunities to develop your career through networking events, mooted competitions and the Legal Advice Centre.
- Our academic staff are world-renowned; they include a number of QCs, and influence governments and the law through their high-profile work.

Assessment

Our programmes are subject to a variety of assessment methods, including end-of-year exams, coursework, and oral presentations amongst others. In the final year you will have the option to research and write a dissertation on a legal topic of your choice, in place of a taught module.

Our teaching

First-year students typically have 12 hours of contact time per week. Each module normally has a two-hour lecture supplemented by a one-hour weekly or fortnightly tutorial – these tutorial groups hold a maximum of 15 students. Students studying the Senior Status LLB will generally have 15 hours of contact time per week.



“

I chose QMUL as I genuinely loved the atmosphere when I visited the university. It is fantastic being so close to the centre of London, but also being able to have that campus, ‘university’ feel. It is also highly regarded as one of the best law universities in the UK. I have had a brilliant time

Kerala Drew, Law with a Year in Hong Kong LLB
(graduated 2016, first-class honours)

”

AND AFTERWARDS...

Why study law?

Graduates from our School of Law go on to work in a wide variety of careers. Some apply their degree knowledge directly, entering careers in the legal services (Barrister, Solicitor, Paralegal, Legal Adviser), while others transfer skills gained during study into sectors such as public administration or business.

What our graduates do next

The broad range of skills gained through our law programmes, coupled with multiple opportunities for extracurricular activities (such as mooting) and work experience, has enabled our students to move into roles such as:

- Legal Professional, Allen & Overy
- Immigration Officer, Home Office
- Parliamentary Assistant, House of Commons
- Trainee Solicitor, Drew & Napier LLC
- Analyst, EFG Private Bank
- Acquisitions Manager, DorTin Agro
- Prosecutor, County Court
- Legal Intern, UK Government
- Legal Trainee, Baker & McKenzie
- Broadcast Journalist, BBC
- Trainee Solicitor, Clifford Chance
- Paralegal, Linklaters LLP

Other students will choose further study, going on to take an LLM. QMUL has 22 of these specialisations and you can find out more at: qmul.ac.uk/postgraduate

How we support you

Throughout your time at QMUL, you will have access to a bespoke careers programme including:

- One-to-one appointments throughout the year with a Careers Consultant or Application Adviser for CV checking and careers support. In addition, the Careers Consultant for Law runs appointments specifically for law students every Monday afternoon in the School of Law.

- A series of workshops and events to help you identify your career options, train you in recruitment and selection methods and offer you networking opportunities. These events are tailored to law students and are run by the Department's Careers Consultant. The programme includes skills workshops on commercial awareness, assessment centres and interviews, as well as an Alternatives to Law Careers Speed Meet. First-year students also have an in-curricular CV skills lecture. Students from any year group have the opportunity to participate in a six-week mentoring scheme with CMS Cameron McKenna and receive support with applications to our new Year in Practice with Reed Smith.
- Over 120 employer-led events per year, from seminars to large fairs. Major legal employers on campus for our annual Law Events programme (including our Law Fair) include Clifford Chance, Freshfields Bruckhaus Deringer, Macfarlanes, Linklaters, Herbert Smith Freehills, Eversheds and Blackstone Chambers. We have many other large employers on campus such as Accenture, the Civil Service Fast Stream, Morgan Stanley, HM Treasury, KPMG, Bloomberg, Deutsche Bank, Capgemini and Thompson Reuters. Students can access jobs with smaller and specialist employers via QRecruit, in-School events and QM JobOnline.
- Enterprise support for people interested in running their own commercial or social enterprise and those already doing so. For further details, please see page 12 or visit careers.qmul.ac.uk/enterprise

You can continue to use our Careers and Enterprise Centre services for two years after your graduation.

Work experience

We encourage you to build your work experience throughout your period of study – for example, through the School of Law's Legal Advice Centre, but also through the range of schemes we offer you. See page 10 for more information on QProjects, our award-winning work experience scheme and the range of options open to you, from internships to part-time work, full-time jobs and volunteering.

For more information about our careers programmes and the support we offer you, please visit: careers.qmul.ac.uk

LAW

DEGREE PROGRAMMES

Law

M100 LLB (three years)

A-level: A*AA

Minimum six GCSE passes normally required at AAAABB or 777766 including English and maths

IB: 37 overall with 18 from three HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

The traditional LLB is your first step to becoming a Barrister or Solicitor, and includes all of the compulsory course modules to satisfy Bar Council and Law Society requirements. From these strong foundations, you are in a good position to choose from a wide array of modules for your second and third years, including Law, Modernity and the Holocaust, Media Law, and Medical Negligence.

After the first year, you will have the opportunity to apply to extend your LLB to a four-year programme. If successful, you can study a year abroad or a Year in Practice on one of the following options, which will take place during your third year:

- LLB Law in Practice (with a paid internship at leading US law firm, Reed Smith)
- LLB with a Year in Hong Kong
- LLB English and Chinese Law
- LLB Global Law (with placements in Shanghai, Toronto, Austin Texas, Singapore, India, and Brazil (for which you must be fluent in Portuguese)).

For module information and further details, please visit:
qmul.ac.uk/M100

Law: Senior Status

M101 LLB (two years)

Degree: 2.1 honours degree or equivalent

This is a two-year LLB for students with a degree in another discipline. It is primarily of interest to graduates who wish to obtain a qualifying law degree, but will also be of interest to non-law graduates who wish to read law as a second academic degree. It is equivalent to the three-year programme and is a qualifying law degree.

For module information and further details, please visit:
qmul.ac.uk/M101

Law and Politics

ML13 LLB (three years)

A-level: AAA

Minimum six GCSE passes normally required at AAAABB or 777766 including English and maths

IB: 37 overall with 18 from three HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This is a joint honours degree, aimed at those who wish to pursue a career in which knowledge of both the legal and governmental systems is of major importance. The programme should appeal especially to those wishing to study public policy in its legal context. For anybody considering a career in either law or an alternative sector, Law and Politics graduates are very employable.

Students who choose the non-qualifying route will transfer on to the BA Law and Politics pathway in their second year of study, and graduate with a Bachelor of Arts, not an LLB.

For module information and further details, please visit:
qmul.ac.uk/ML13



The bursary, as a form of recognition, motivates me to continue to focus on excelling in my studies and, by providing me with a degree of financial independence, allows me to spend more of my time on studying the law in greater depth

Sivanathan Jheevanesh, bursary awardee,
LLB Law (2017)



LAW

DEGREE PROGRAMMES

English and European Law

M120 LLB (four years)

A-level: A*AA

Minimum six GCSE passes normally required at AAAABB or 777766 including English and maths

IB: 37 overall with 18 from three HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This programme follows the same pattern as the traditional LLB (M100). However, the third year is spent studying at a European university, allowing you to develop a global perspective. We have links with universities throughout the EU. If you wish to study at an institution that does not teach in English, you must have excellent language skills and be prepared to take language classes provided by QMUL.

For module information and further details, please visit: qmul.ac.uk/M120



Law with History

M1V1 LLB (three years)

A-level: AAA including history

Minimum six GCSE passes normally required at AAAABB or 777766 including English and maths

IB: 37 overall with 18 from three HL subjects including history

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This joint honours LLB offers the opportunity to study the disciplines of law and history in combination. In the first year, your time will be divided 50/50 between the two. You will cover the foundations of legal knowledge necessary for a Qualifying Law Degree, together with a broad range of both introductory and advanced options in history. You will graduate with an ability to understand the practice of law in a historical context, which will be beneficial whether you pursue legal practice or postgraduate research.

For more information, please visit: qmul.ac.uk/M1V1

Study Abroad

If you choose to spend a year studying abroad you will pay a reduced tuition fee to QMUL. (For guidance, in 2016/17, Home/EU students paid 15 per cent of that year's tuition fee for their programme; while international students paid 50 per cent.) Please note: you will not pay a fee to the host university while abroad, but you will be expected to cover your accommodation costs. Bursaries are available to help with additional costs.



“

Each academic year, I am newly impressed and charmed by the creativity and insight that my QMUL students bring to class. Their imaginative responses enrich the research we on the academic staff produce, as much as we do our utmost to foster a stimulating intellectual environment for our students

Dr Isobel Roele, Lecturer in Law

”

LAW

DEGREE PROGRAMMES

Legal Advice Centre

The School's Legal Advice Centre (LAC) offers free legal advice to the local community. Upon successful application and extensive training, our law students work alongside solicitors from the City to advise clients on the strength of their case. You will also be able to compete for one of the many work placements and mentoring opportunities the LAC offers with top City firms. Advising in the LAC is a great way for students to consolidate the knowledge gained from their course in real-life situations.

LAC Module

The Practice of Law in a Clinical Environment module is both academic and practical. It offers a unique opportunity to develop knowledge of substantive law and legal procedure while working with six live clients.

Societies

Current Societies include: Mooting, Bar Society, Law Society, Pro Bono Society, The European Law Students' Association (ELSA), Senior Status Society, Equality in Leadership, Queen Mary Commercial Awareness Society (QMCAS).



RELATED PROGRAMMES

International Relations	225
Politics	225
International Foundation Programme in Humanities and Social Sciences	46

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

law.qmul.ac.uk/people

Fees and funding

For details, including information on Law bursaries and scholarships worth between £1,000 and £12,000 per year, please see:

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com. We do not normally interview candidates. QMUL does not currently require applicants for the undergraduate law courses to sit the National Admissions Test for Law (LNAT).

Academic enquiries

School of Law

Tel: +44 (0)20 7882 3924

email: law-admissions@qmul.ac.uk

law.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

LINGUISTICS

Linguistics is the study of how people use language. Think about how vital language is to us – without it, how would we communicate with other people? How could we pass our knowledge on to our children? Could we have culture and ideas without language?

Our identities are inextricably tied up with language. As a linguistics student, you could find yourself doing some very varied activities such as:

- recording dialect speakers telling stories
- working out the rules of an aboriginal language
- philosophising about whether we can think without language
- learning how to write down a sneeze (yes, it can be done).

Linguists are involved in any area where language is an important factor, from helping people with speech, sight or hearing problems to communicate, to compiling dictionaries. Even technology links with linguistics: the predictive text messaging on your mobile phone came out of the work of linguists.

Why study linguistics at QMUL?

We have a vast amount of experience in our field, so you will always be taught by leading specialists of international standing. In the two most recent national assessments of the quality of university research (REF 2014 and its predecessor, RAE 2008), linguistics research at QMUL was ranked first in the UK on both occasions (*THE*). This means that your teachers are also leading researchers shaping the advances in your area of study. Your degree will reflect the latest thinking and will also be grounded in its real-world application.

HIGHLIGHTS

- We are first in the UK for linguistics research (REF 2014).
- The Linguistics Department runs career workshops to help you in your planning for life after linguistics.
- Our Ling Lunch Talks allow you to hear from QMUL academics, researchers and external guests.
- Our Departmental seminars allow you to hear from experts from institutions in Europe and North America.

Assessment

Assessment of linguistics work takes a variety of forms, including diaries of your own research, poster presentations, class tests and exams. If you are studying English Language and Linguistics or English Literature and Linguistics, we'll train you in research methods in your final year and then you'll do a supervised research project on a topic of your choice. You can also do the final-year research project if you are taking one of our joint degree programmes.

Our teaching

You will typically have eight to 10 hours of teaching per week, plus group and individual work outside class. Class sizes vary from larger lectures in the first year to intensive small groups in the final year. All members of staff have office hours where students can come for one-to-one discussions with their tutors.

AND AFTERWARDS...

Why study linguistics?

Studying linguistics will give you a highly desirable collection of skills:

- analytical ability: much of linguistics is about collecting and analysing data. You might, for example, transcribe a conversation and then look to see who interrupts the most, or whether only young people use words like “innit”, or what “really” really means. It’s all about looking for systematic patterns.
- communication skills: any programme concerned with language, by definition, will develop this ability.
- research skills: you’ll undertake a research project, for which you will have to seek out information; you will become very skilled at recognising and using evidence.
- accuracy: listening to dialects and attempting to differentiate between vowel sounds and diphthongs will develop precision.
- numeracy: you may need to use statistics to analyse your research findings. Even if you do not use statistics yourself, you’ll learn how other people do.
- adaptability: you’ll be constantly learning new systems, so once you graduate, you’ll be highly flexible in the way you work.
- teamwork: you can do project work in small groups, so you’ll get used to working constructively with other people.

Graduates from our School of Languages, Linguistics and Film go on to work in a wide variety of careers. Some apply their degree knowledge directly, entering careers such as journalism, education and the arts, while others transfer skills gained during study into areas such as public relations. Others go on to further study, with many choosing the School’s highly regarded MA in Linguistics. Find out more at: qmul.ac.uk/postgraduate

What our graduates do next

The national 2015 destination survey of our full-time, UK-domiciled students, confirmed that 95 per cent of the School’s graduates were in employment and/or study six months after graduation, with 79 per cent already working and/or studying at graduate level.

Our students have moved into careers such as:

- [Marketing and Production Executive](#), Progressive Digital Media
- [IT Consultant](#), RandomStorm
- [Secondary School Teacher \(Modern French\)](#), Teach First
- [English as a Second Language \(ESL\) Teacher](#), Embassy Language School
- [Tax Adviser](#), Anderson Group
- [Editor](#), *Weekly Times* newspaper, Australia
- [Project Assistant](#), London School of Economics

How do we support you?

Throughout your time at QMUL, you will have access to a careers programme to prepare you for internships and graduate-level work. This includes workshops on job hunting and job applications, as well as employer events to facilitate networks and help you to explore your options.

Careers events in the School of Languages, Linguistics and Film have included an Experience Journalism workshop and a series of Career Conversations with employers working in areas such as the media, publishing and the arts.

For more information about our careers programmes and the range of work experience and support we offer, please see pages 8–13 or visit: careers.qmul.ac.uk

LINGUISTICS

DEGREE PROGRAMMES

English Language and Linguistics

QQH1 BA (three years)

A-level: ABB

Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in relevant HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This programme gives you the analytical skills and deep knowledge of language that you gain alongside the chance to do hands-on work collecting and analysing data. You'll develop systematic ways of understanding how the modern English language works, how it's used and how it changes, looking at situations as diverse as youth language in our multicultural and multilingual cities, or the English used in the media and politics. You'll consider how new technologies shape the form of English and whether the spread of English in the world is changing or even killing other languages.

For module information and further details, please visit: qmul.ac.uk/QQH1

English Literature and Linguistics

QQ13 BA (three years)

A-level: ABB with A in English literature or English language and literature. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in relevant HL subjects, including HL 6 in English A

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade A in A-level English literature or English language and literature required in addition

A deep knowledge of the English language is crucial in today's information-laden world, from media and technology, to understanding the historical roots of our culture. This programme is designed for people interested in the English language, how it is structured, how it came to be the way it is, and how it is used, both in everyday settings and in all types of literary study.

The programme draws on both linguistics and English literature and gives you a solid training in both ways of thinking about the world. This is a joint degree with the School of English and Drama.

For module information and further details, please visit: qmul.ac.uk/QQ13

French and Linguistics

RQ11 BA (four years)

German and Linguistics

RQ21 BA (four years)

Hispanic Studies and Linguistics

RQ41 BA (four years)

Russian and Linguistics

QR71 BA (four years)

A-level: BBB including French for RQ11, or for other programmes, GCSE in a language or experience of learning a language other than your mother tongue, and an essay-based humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 30 overall with 555 in HL subjects, including HL 5 in French for RQ11 and at least one essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade B in A-level French required for RQ11 or, for other programmes, experience of learning a language other than your mother tongue

Studying a language and linguistics combines the acquisition of an in-depth knowledge of one specific language and culture with a broader understanding of the structure and sound systems of languages, of how grammar and meaning relate, and how dialects work.

You will take core modules in the written and spoken foreign language every year. In the course of your studies, you will be drawing comparisons between the English language and others, in particular the language of your specific programme.

Your third year is normally spent studying abroad. You will pay a reduced tuition fee to QMUL, currently 15 per cent of current undergraduate fees. (For guidance, in 2016/17, Home/EU students paid £1,350; while international students paid 50 per cent of that year's tuition fee for their programme).

Please note: you will not pay a fee to the host university while abroad, but you will be expected to cover your accommodation and living costs.

For module information and further details, please visit: qmul.ac.uk/RQ11, qmul.ac.uk/RQ21, qmul.ac.uk/RQ41 or qmul.ac.uk/QR71

Comparative Literature and Linguistics

QQ21 BA (three years)

A-level: ABB including an essay-based humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects including at least one essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

You will divide your time equally between the two subjects. Comparative literature makes connections – between literary texts of different times, places and traditions and between literature and film, music, the visual arts and popular culture. Linguistics complements the study of literature, allowing you to gain an understanding of how language works and how we communicate with each other. Your first year includes introductions to the study of literature and linguistics, while advanced options in second and final years permit you to concentrate on the areas that interest you the most.

For module information and further details, please visit: qmul.ac.uk/QQ21

RELATED PROGRAMMES

Comparative Literature	77
English	133
Languages (French, German, Hispanic Studies, Russian)	171
International Foundation Programme in Humanities and Social Sciences	46

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

linguistics.slif.qmul.ac.uk/people

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com Transfer or mature applicants may be invited for interview or asked to produce a piece of written work.

Academic enquiries

School of Languages, Linguistics and Film

Tel: +44 (0)20 7882 8331/8314

email: slif-ug@qmul.ac.uk

slif.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

MATERIALS SCIENCE AND ENGINEERING

Have you ever wondered about how the A380 aircraft stays in the air, how a Formula One car can weigh so little, how the touchscreen on your mobile works or what an artificial heart valve is made of? If so, a degree in materials science and engineering will answer these questions for you – and many more.

The study of materials science and engineering plays a part in all engineering disciplines: mechanical, medical, aerospace and electrical. Our programmes allow you to specialise in biomaterials, dental materials or materials in design.

Why study materials science and engineering at QMUL?

QMUL has been at the forefront of materials science and engineering research and teaching for over 40 years, and is one of the best-established materials programmes in the country. In the most recent national assessment of university research (REF 2014), we were placed seventh in the country for the quality of our engineering research and 12th for our materials research (*THE*). You will be taught by leaders in their fields and will have access to a wide range of specialist state-of-the-art equipment, including a new electron microscopy suite, comprehensive mechanical testing facilities and well-equipped materials-processing labs.

The content of our Materials BEng and MEng programmes is shaped in consultation with our industrial partners. We ensure that our facilities, modules and staff will prepare you for future employment in industry.

The IOM3 have confirmed accreditation of our undergraduate Materials Science degrees (Materials and Design, Materials Science and Engineering, Dental Materials) up until 2017 entry. The Institute will be visiting SEMS in March 2017 to confirm that they will continue to do so, as a normal condition of the IOM3 accreditation process.

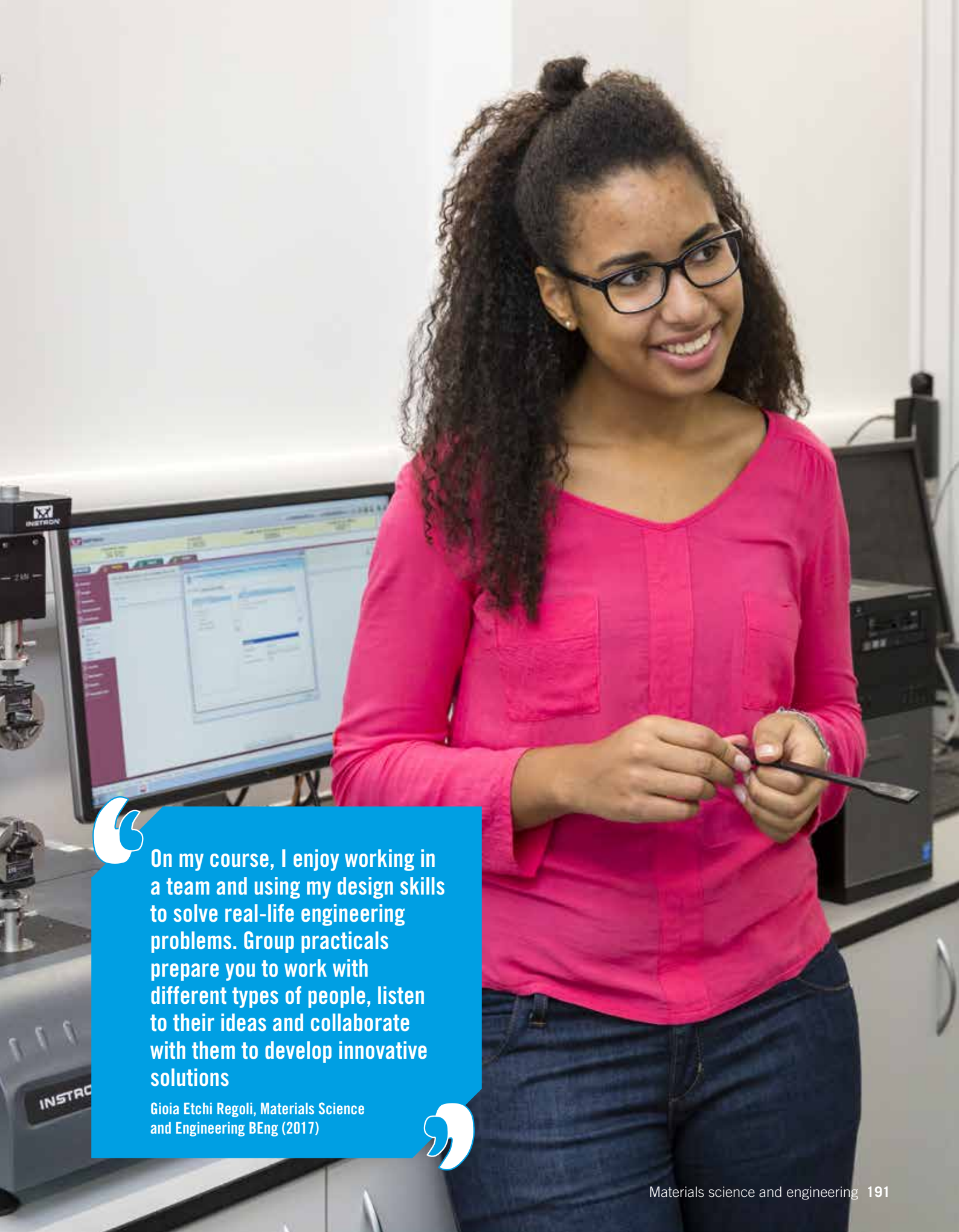
HIGHLIGHTS

- Our teaching is research-led: you will be taught by people who are at the forefront of their field.
- We constantly develop new ways to teach you to ensure your continued success.
- Excellent laboratory facilities: we are investing £30m in our labs, focused around dedicated teaching areas for our undergraduate materials students. For more information, please see: sems.qmul.ac.uk/ugadmissions/facilities
- All of our BEng and MEng programmes are accredited by the IOM3, so your modules are relevant to industry.
- Great links with industry: all of our programmes can be studied with an Industrial Experience option and we have staff dedicated to helping you find a placement.

Teaching

We will teach you in a variety of ways: through traditional lectures but also via student-centred approaches, such as problem-solving classes, laboratory practicals and a variety of coursework. Problem-based learning is fully incorporated into your first and second years. Supporting students in their learning is very important to us and we recognise that students often need help with the transition to university. As a result, we have developed new first- and second-year modules to help you adapt to the challenges and requirements of reading for a degree, and to prepare you for work in industry.

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 the internationally recognised research that takes place within the School of Engineering and Materials Science (SEMS). Our student-led group design projects are frequently sponsored by industry and provide a valuable insight into real-life engineering design and project management.



On my course, I enjoy working in a team and using my design skills to solve real-life engineering problems. Group practicals prepare you to work with different types of people, listen to their ideas and collaborate with them to develop innovative solutions

Gioia Etchi Regoli, Materials Science and Engineering BEng (2017)



AND AFTERWARDS...

How can I use my degree?

Materials science and engineering is the study of the structure, properties and behaviour of all materials, their development and their use in manufacturing and research into their environmentally friendly disposal. Materials scientists develop new products and technologies that make our lives more convenient, enjoyable, sustainable and safer. Materials is evolving faster today than ever before, which provides our graduates with exciting and fast-paced careers. Scientists and engineers work with materials scientists to improve existing products and develop innovative technologies to enhance every aspect of our lives.

As well as technical knowledge, materials science and engineering graduates acquire a wide range of transferable skills, which further enhance their employment prospects, such as leadership and group skills, communication and presentation skills, and research and experimental skills.

Graduates can work directly with materials: for example, as a Materials Engineer, identifying the best materials for use at all stages of the manufacturing process. Other potential careers include: Metallurgist, Research Scientist, Technical Engineer, Biomedical Engineer, Manufacturing Systems Engineer and Patent Examiner.

What our graduates do next

For over 40 years, our degree programmes have prepared students for work in a wide range of roles. Many graduates have careers in the engineering materials sector, for example:

- Genesis Pharmaceuticals
- Dow Chemical Company

Others use their technical, numerate degree to secure careers in non-related fields such as finance, banking or consultancy. Many of our graduates choose to complete a higher degree, such as a PhD, at QMUL. Find out more at: qmul.ac.uk/postgraduate

Overall employment prospects for SEMS graduates are extremely good. The national 2015 destination of leavers survey confirmed that 94 per cent of graduates from SEMS courses in work were already working or studying at graduate level. Graduates from the Materials Science department have a strong earning power, with a mean salary of £32,433.

Ella Rayment

Studied: Medical Materials BEng

Currently: King's College London

What did you enjoy most about QMUL?

The most enjoyable aspects of my course were probably the academics who lectured us and our problem-based learning modules. Pretty much every academic in our department was passionate about what they were teaching us, and my lecturers really cared about you achieving. I always felt supported by my lecturers, my tutor, and the rest of the staff in my department.

What did you gain from your degree?

My degree has given me a wealth of experience and a set of transferable skills that will help me greatly in my medical degree. I think doing an engineering degree has allowed me to learn skills and different ways of approaching things, which will contribute to the kind of doctor that I will become.

Working with many people from different backgrounds and disciplines, of different ages and levels of qualification, has really helped prepare me for the life of a medical student and my future as a doctor, by instilling an unwavering openness to all people, and their thoughts and opinions.

What was the highlight of your time at QMUL?

My highlight has probably been what I achieved over my three years. Academically, I struggled with my degree at first, but I achieved a grade that I am immensely proud of, particularly because of how hard I found my first year.

How we support you

Our staff have extensive contacts with major industrial companies and there is constant interaction between industry, research and our teaching. For example, we encourage our industrial partners to provide real design case studies to enrich your curriculum.

All of our programmes are available with an Industrial Experience option, which will enable you to see theory applied in practice. Our strong links with industry also mean that we can help you find a suitable placement. In addition, the SEMS Industrial Liaison Forum provides an opportunity for students, academics and all of our contacts from the engineering and materials science industries to interact on a twice-yearly basis. For further information on the support available, please see pages 8–13 or visit: careers.qmul.ac.uk

MATERIALS SCIENCE AND ENGINEERING

DEGREE PROGRAMMES

Materials Science and Engineering

J551 BSc (three years)

J511 BEng (three years)

JM11 BEng (four years with Industrial Experience)

J510 MEng (four years)

JM10 MEng (five years with Industrial Experience)

A-level: MEng: AAA/BEng: ABB

Must include two from maths, physics and chemistry

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. HL 5 accepted in maths

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

These 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, while vocationally they constitute 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.

For module information and further details, please visit: qmul.ac.uk/J551, qmul.ac.uk/J511, qmul.ac.uk/JM11, qmul.ac.uk/J510 or qmul.ac.uk/JM10

Dental Materials

J500 BEng (three years)

JM00 BEng (four years with Industrial Experience)

J504 MEng (four years)

JN00 MEng (five years with Industrial Experience)

A-level: MEng: AAA/BEng: ABB

Must include two from maths, physics and chemistry

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. HL 5 accepted in maths

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

Dental Materials is multidisciplinary, and draws on all branches of science and engineering to combine 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. These programmes are an exciting part of our suite of medically related degrees. Both the BEng and MEng programmes contain specialist modules on dental materials, maxillofacial anatomy and biomaterials.

For module information and further details, please visit: qmul.ac.uk/J500, qmul.ac.uk/JM00, qmul.ac.uk/J504 or qmul.ac.uk/JN00





I was originally drawn to study materials science at undergrad level as I couldn't make up my mind whether to study physics, chemistry or engineering – and materials science is an applied interdisciplinary subject that combines all three disciplines

Dr Karin Hing, Reader in Biomedical Materials

Biomaterials for Biomedical Sciences

J5B2 BSc (three years)

J5B1 BSc (four years with Industrial Experience)

J5B4 MSci (four years)

J5B3 MSci (five years with Industrial Experience)

A-level: MEng: AAA/BEng: ABB

Must include two from maths, physics, chemistry and biology

IB: MEng: 36 overall with 665 in HL subjects

BEng: 32 overall with 655 in HL subjects

Must include two from HL maths, physics, chemistry and biology. HL 5 accepted in maths

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

The degree combines biomaterials with biology and chemistry, linking science, technology and healthcare. The programme will give you a core understanding of the phenomena behind both a biomaterials response to the physiological environment and the response of

MATERIALS SCIENCE AND ENGINEERING

DEGREE PROGRAMMES

the biological system to the presence of a biomaterial, as a pathway to the discovery and design of new biomaterials and therapies in healthcare. This will be achieved by study of 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.

Based in the School of Engineering and Materials Science, which has strong expertise in both core materials science and the innovative translation of biomaterials research into clinical practice, you will also benefit from teaching with the School of Biological and Chemical Sciences and the School of Medicine and Dentistry, which brings in the expertise of the lecturing team behind QMUL's highly successful Biomedical Sciences programme.

The programme suits students studying biology and chemistry who have an interest in working in the medical field, but may not be suited to a degree in medicine. This programme will also provide an excellent preparation for students who have an equal interest in medical research and its application in medical practice.

For module information and further details, please visit:
qmul.ac.uk/J5B2, qmul.ac.uk/J5B1, qmul.ac.uk/J5B4
or qmul.ac.uk/J5B3

LIFE SCIENCES RELATED PROGRAMMES

Life sciences are seen internationally as a growing research area and part of a thriving global industry. You may be interested in these other related programmes:

Biomedical Engineering	126
Biomedical Sciences	56
Global Health	153
Medicine	207

See page 212 for more details or visit: qmul.ac.uk/studylifescience

RELATED PROGRAMMES

Chemical Sciences	69
Design	95
Physics	217

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

sems.qmul.ac.uk/staff

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com. Once we have received your application, we normally make offers within two weeks. You will then be invited to an Open Day, where you will have the opportunity to meet current students and staff.

sems.qmul.ac.uk/ugadmissions

Academic enquiries

School of Engineering and Materials Science

Tel: +44 (0)20 7882 8736

email: sems-ugadmissions@qmul.ac.uk

sems.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

MATHEMATICAL SCIENCES

Mathematics enables us to understand the world in which we live in the most fundamental terms. It can be hugely rewarding as an academic pursuit and as a basis for an excellent career. As a maths student, you will develop strong numerical, analytical and problem-solving skills, which will set you apart from other graduates.

Mathematics is for people who can think logically and creatively and then explain their thoughts precisely. It is a demanding discipline, but discovering the correct answer to a difficult problem is very rewarding. At university you will discover a new world of advanced mathematical concepts and ideas. You will encounter unfamiliar mathematical objects and investigate their common features and abstract natures, but it is not all abstract; our statistics and finance modules are very much about the real world. Here, you will use mathematical skills to extract information from data and draw conclusions.

Why study mathematical sciences at QMUL?

The School of Mathematical Sciences is home to leading researchers specialising in a wide variety of mathematical disciplines. We know that providing you with access to the knowledge and teaching expertise of our academic staff in a supportive environment will enable you to achieve the highest possible academic standards. As such, you will be assigned an Academic Adviser when you join the School. They, along with our dedicated Student Support Officer, the student-led Mathematics Society and central QMUL support services, will provide you with an excellent support network throughout your time at university.

Teaching

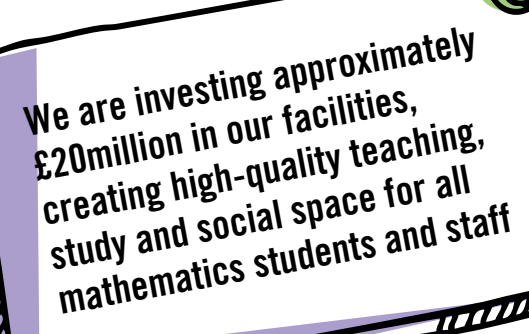
You will usually undertake eight modules per year. The majority of modules are delivered via a combination of lectures, tutorials and practical classes. Some modules (such as Introduction to Statistics) have a practical element, which is presented in one of our computer labs.

HIGHLIGHTS

- We are a large mathematics department, with experts teaching a rich variety of topics.
- Our joint degree programmes give you the opportunity to study complementary subjects and benefit from diverse academic experience.
- Our campus is close to London's financial centres Canary Wharf and the City, where many students secure work experience and graduate positions.
- Excellent support is available from our Student Support Officer and Academic Advisers.
- We have a dedicated Careers Consultant and an Internships Co-ordinator to help you develop your employability and identify opportunities.
- Our award-winning Mathematics Society enhances your academic and social experience.

Assessment

Most of your modules will be assessed by an examination counting for at least 90 per cent of the year, with the remainder covered by coursework and tests. All students undertaking MSci programmes and some BSc students will additionally complete a final-year project.



**We are investing approximately
£20million in our facilities,
creating high-quality teaching,
study and social space for all
mathematics students and staff**



With the help of QMUL's Careers Service, I was able to complete two different summer placements at Morgan Stanley during my studies and have now secured a graduate role at Goldman Sachs

Desi Popova, Mathematics with Finance and Accounting BSc (2016)



Recent mathematics graduate Desi Popova, now working at Goldman Sachs

AND AFTERWARDS...

How can I use my degree?

Graduates from the School of Mathematical Sciences go on to work in a wide range of careers. Some apply their degree knowledge directly, entering into finance, accounting or actuarial professions. Others translate their skills across broader industries, such as business strategy, marketing, technology and teaching. They may alternatively choose to study for an MSc or begin their academic research careers with a PhD. Overall 90 per cent of our 2015 graduates were in full-time work or further study within six months of graduating (DLHE).

What our graduates do next

The broad range of skills gained through our degrees, coupled with opportunities for extracurricular activities and work experience, has enabled our recent graduates to move into varied roles, including:

- Actuary
- Audit Associate
- Statistical Officer
- Graduate Project Manager
- Software Engineer
- Insurance Underwriter
- Trader
- Risk Analytics Consultant

Our mathematics students have successfully secured graduate roles with major employers, including: KPMG, Lloyds Banking Group, PwC, Deloitte, National Audit Office, Société Générale, EY and Legal & General.

How we support you

We offer the following services to all students:

- a number of internship schemes, placing students with local charities, SMEs and start-ups, supported by an Internships Co-ordinator
- personal appointments with a dedicated Careers Consultant for support with CVs, job applications and interview preparation, as well as advice on further study options
- tailored workshops and events to help mathematics students find networking opportunities, identify career options and understand recruitment and selection methods

Aahnaf Hossain

Studied: Mathematics BSc (2015)

Currently: Trading Assistant, ING

What sparked your interest in this career?

The salary is very good. You also get the inside scoop on what is going on in the world, seeing market changes happen on a very real, large scale.

How did your degree prepare you for work?

I think maths gives you such transferable skills; being comfortable with numbers and having strong logic skills are important in finance. At QMUL you get to study maths that is relevant to the industry – my lecturers made me appreciate that mathematics is everywhere!

- additional certification in applications for the corporate world, such as Microsoft Excel and SAS
- information relating to careers in finance from industry practitioners
- over 100 employer-led events per year. Major employers recently on campus include Bloomberg, Deutsche Bank, HM Treasury, Thomson Reuters, Accenture, Freshfields Bruckhaus Deringer, Capgemini, Morgan Stanley, BAE Systems, KPMG, and the Civil Service Fast Stream.
- funding and support for students running, or looking to run, their own business.

Work experience

We encourage you to gain work experience throughout your studies. See page 10 for more information on QProjects, our award-winning work experience scheme, and the range of options open to you, from internships to part-time work, full-time jobs and volunteering.

Information library and online information

You can use our information library in the Careers Centre or online via the Careers website, Jobs Blog and social media channels (including online practice psychometric tests). These services help you to develop your work experience, identify opportunities for jobs or further study and understand how to make strong applications. For more information about our careers programmes and the support we offer you, please see pages 8–13 or visit: careers.qmul.ac.uk

MATHEMATICAL SCIENCES

DEGREE PROGRAMMES

Mathematics

G100 BSc (three years)

A-level: AAB including A in maths

IB: 34 overall with 665 in HL subjects, including maths

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

You will study a wide range of topics, covering pure mathematics, applied mathematics, probability and statistics. The first year covers essential fundamentals, while in the second and final years you will be able to choose from the exceptionally wide range of modules that reflect our research strengths. Whether you want to specialise in statistics, finance, pure or applied mathematics, our selection of modules will provide you with the opportunity to do so.

For module information and further details, please visit: qmul.ac.uk/G100

Pure Mathematics

G110 BSc (three years)

A-level: AAB including A in maths

IB: 34 overall with 665 in HL subjects, including maths

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

Through this degree programme, you will come to appreciate the intrinsic beauty of pure mathematics rather than focus solely on applications. You will concentrate on algebra, geometry and analysis, building on A-level core and decision mathematics. For over 50 years QMUL has been renowned for research in algebra, combinatorics and logic, and we are one of the few higher education institutions to offer a programme in pure mathematics.

For module information and further details, please visit: qmul.ac.uk/G110

Mathematics and Statistics

GG31 BSc (three years)

A-level: AAB including A in maths

IB: 34 overall with 665 in HL subjects, including maths

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

You will have the opportunity to specialise in statistics, building statistical theory and methodology on mathematical foundations, especially probability theory. Probabilistic modelling has applications in genetics, quantum physics and risk analysis, and is increasingly used in the financial sector. You can study applications of probability and statistics, notably design of experiments, financial time series and actuarial mathematics. This programme is accredited by the Royal Statistical Society (RSS) and final-year students gain free membership of the RSS. In addition, graduates who achieve a first- or second-class degree, and who have completed enough statistics modules, can attain Graduate Statistician status.

For module information and further details, please visit: qmul.ac.uk/GG31

MATHEMATICAL SCIENCES

DEGREE PROGRAMMES

Mathematics with Actuarial Science

G1N3 BSc (three years)

G1N5 BSc (four years with Professional Placement)

A-level: AAA–AAB, including A in maths

IB: 36–34 overall with HL 666–665, including maths

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

Actuaries deal with uncertainties of future events, drawing on their mathematical skills, in particular in probability and statistics. This degree is accredited by the Institute and Faculty of Actuaries (IFoA) and provides you with solid technical skills in mathematics and actuarial science, as well as economics and financial reporting, to prepare you for a career as an Actuary or a related career in the financial sector. Successful students will be able to obtain up to eight exemptions from Core Technical Examinations from the IFoA. Alongside your studies, our professional development programme focuses on skills and support to give you a head start when applying for graduate roles.

You will have the option to extend your degree to a four-year sandwich programme including a one-year paid Professional Placement (in the third year). This is an excellent opportunity to gain hands-on experience.

For module information and further details, please visit:
qmul.ac.uk/G1N3 or qmul.ac.uk/G1N5

Mathematics with Business Management

G1N1 BSc (three years)

A-level: AAB including A in maths

IB: 34 overall with 665 in HL subjects, including maths

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

This is a joint programme with the School of Business and Management. Statistics is used widely in business and management for informed decision-making, and you will have the opportunity to specialise in advanced statistics and probability. You will combine

six mathematics or statistics modules with two business management modules each year. In your second and final years, you have some flexibility in your choice of mathematics modules.

For module information and further details, please visit:
qmul.ac.uk/G1N1

Mathematics, Business Management and Finance

GN13 BSc (three years)

A-level: AAB including A in maths

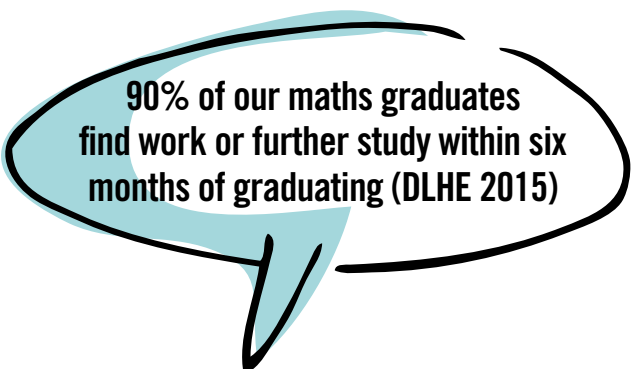
IB: 34 overall with 665 in HL subjects, including maths

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

This is a joint programme with the School of Business and Management. This programme gives a foundation in mathematics and statistics with a selection of modules in business management, finance and accounting. You will combine six mathematics and statistics modules with two business management and finance modules in your first year. In subsequent years, the mix is five mathematics and statistics modules and three business management and finance modules. Mathematics is extremely important in the business and finance sector, and this degree programme will give you the necessary mathematical knowledge and skills, backed up with an awareness of how the sector operates.

Students who successfully complete this programme can gain exemptions from three out of four examinations for the Chartered Institute of Management Accountants (CIMA) Certificate in Business Accounting.

For module information and further details, please visit:
qmul.ac.uk/GN13



**90% of our maths graduates
find work or further study within six
months of graduating (DLHE 2015)**

Mathematics with Finance and Accounting

G1N4 BSc (three years)

A-level: AAB, including A in maths

IB: 34 overall with 665 in HL subjects, including maths

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

This is a joint programme with the School of Business and Management. You will incorporate mathematical and statistical training with finance and accounting, including general financial theory and its applications to business and commerce. Approximately two-thirds of your modules will be in mathematics and statistics and the other third in finance and accounting.

Students who successfully complete this programme can gain exemptions from three out of four examinations for the Chartered Institute of Management Accountants (CIMA) Certificate in Business Accounting.

For module information and further details, please visit: qmul.ac.uk/G1N4

Mathematics, Statistics and Financial Economics

GL11 BSc (three years)

A-level: AAA including maths

IB: 36 overall with 666 in HL subjects, including maths

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

This is a joint programme with the School of Economics and Finance. Mathematics and economics are complementary subjects and, during the course of your studies, you will discover the many links between them and benefit from both the teaching expertise and facilities of the two Schools. The first year consists of six modules of mathematics and statistics and two modules of economics; the second year provides four modules of mathematics and statistics and four modules of economics; and the final year includes at least three modules of mathematics and statistics and three modules of economics.

For module information and further details, please visit: qmul.ac.uk/GL11

Mathematics

G102 MSci (four years)

A-level: AAA including maths

IB: 36 overall with 666 in HL subjects, including maths

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

This flagship four-year Mathematics programme is designed to prepare you for the most demanding postgraduate work: PhD programmes or employment requiring advanced mathematics. It is an extension of both our three-year Mathematics BSc and Pure Mathematics BSc, incorporating a wide range of classical and contemporary topics. The fourth year allows you to follow advanced courses and undertake a major project.

For module information and further details, please visit: qmul.ac.uk/G102

Financial Mathematics

GN1H MSci (four years)

A-level: AAA including maths

IB: 36 overall with 666 in HL subjects, including maths

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

Suited to students planning a career in the more quantitative areas of finance and banking or those wishing to undertake academic research, this programme covers key areas of pure and applied mathematics, together with more specialist knowledge of financial mathematics, numerical methods and computing. You will have the chance to complete a final-year project in an area of contemporary mathematical finance of your choice, introducing you to some of the latest, cutting-edge research being published in this field. Projects are closely supervised by the School's academics, many of whom have commercial or research experience in mathematical finance.

For module information and further details, please visit: qmul.ac.uk/GN1H

Dr Shabnam Beheshti with students in one of the School's shared study spaces



There is a true culture of collaboration between staff and students, making life here really rewarding

Dr Shabnam Beheshti, Lecturer in Geometry and Analysis



MATHEMATICAL SCIENCES

DEGREE PROGRAMMES

Mathematics with Statistics

G1G3 MSci (four years)

A-level: AAA, including maths

IB: 36 overall with 666 in HL subjects, including maths

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

This programme is an extension of GG31 (Mathematics and Statistics BSc). It may be preferable for you to choose the MSci qualification if you are interested in using your mathematical skills at a high level in your career, or perhaps if you are looking to progress into a research career on graduation. As with G102, this programme offers you the opportunity to complete a final year involving a project and advanced modules from the School of Mathematical Sciences' Mathematics MSc programme.

This programme is accredited by the Royal Statistical Society (RSS) and final-year students gain free membership of the RSS. In addition, graduates who achieve a first- or second-class degree, and who have completed enough statistics modules, can attain Graduate Statistician status.

For module information and further details, please visit:
qmul.ac.uk/G1G3

* While we will not consider your grade for general studies as part of our formal offer, we will take it into consideration in the event that you don't achieve your offer conditions.



RELATED PROGRAMMES

Accounting and Management	63
Computer Science and Mathematics	84
Computer Science and Mathematics with Industrial Experience	84
Economics, Statistics and Mathematics	111
International Science and Engineering Foundation Programme	48
Science and Engineering Foundation Programme	48

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

maths.qmul.ac.uk/about-us/people

Fees and funding

For more information, please visit:

qmul.ac.uk/undergraduate/feesandfunding

Information on our scholarships can be found at:

maths.qmul.ac.uk/ps/up/scholarships

Admissions

Please apply through UCAS at ucas.com. In addition to our main Open Days, we invite all successful applicants to an offer-holder visit day. This will give you the chance to meet our staff and students, ask questions about our programmes and take a tour of the teaching and research facilities and the campus.

Academic enquiries

School of Mathematical Sciences

Tel: +44 (0)20 7882 5470

email: maths-ug-admissions@qmul.ac.uk

Further information is available at:

maths.qmul.ac.uk/undergraduate-programmes

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

MEDICINE

Studying medicine is about much more than just getting your MBBS degree and becoming a doctor. Medicine is a vocation and a way of life. It's about thinking of others and putting your patients first.

Medicine is a tough profession, but you won't find many doctors who regret their choice of career. With all its challenges, the thrill of being a doctor never leaves you: medicine is exciting, stimulating and intrinsically rewarding.

Why study medicine at QMUL?

Barts and The London School of Medicine and Dentistry brings together two venerable teaching institutions: St Bartholomew's Hospital, which dates back to 1123, and The London Hospital Medical College, founded in 1785, the oldest medical school in England and Wales. The hospitals lie in two very different parts of London, the City and the East End, exposing you to a greater diversity of people and their health problems than at almost any other medical school in the UK.

You will be taught by experts in their field who are passionately engaged with their subject. The programme places considerable emphasis on developing your expertise in a whole range of practical areas, including clinical, communication, observation, teamwork and management skills. We have also completely eliminated the traditional divide between preclinical studies and clinical years, which means that you will start seeing patients from your very first term.

It's a challenging and demanding course – you'll have lots of work to do and plenty to learn, but you'll find it highly rewarding. There's great variety in terms of your workplaces, the patients and illnesses you'll encounter and the people you'll work alongside. One of the most important skills you'll need to develop is teamwork and the ability to communicate well with colleagues, patients and relatives.

We pride ourselves on being a friendly School, with excellent staff–student relationships, together with a General Medical Council-commended student support and mentoring programme. Our students are very sociable and committed to the local community

HIGHLIGHTS

- Medicine is ranked 2nd in the UK in the *Guardian University Guide* 2017 subject rankings.
- 1st in London for overall student satisfaction (NSS 2016).
- State-of-the-art facilities: you will study at a flagship hospital, with London's leading trauma and emergency care centre. Our paediatric and renal services are among the largest in the UK.
- Early patient experience, with an innovative curriculum and the opportunity to study a research-led intercalated degree.
- In the most recent national assessment of university research (REF 2014), we were placed sixth in the UK for the quality of our published research (*THE*).
- We interact closely with Barts Health NHS Trust, the largest trust in the UK, who recently completed a £1.3 billion rebuild of facilities at Whitechapel and West Smithfield.
- As one of our students, you'll see a huge diversity of patients, cultures and clinical issues.




through voluntary work and RAG Week – renowned for its astounding fundraising feats. There are lots of clubs and societies, and a thriving student association for medical and dental students. We have high satisfaction rates among our Medicine students: in the most recent National Student Survey (NSS 2016), 94 per cent of our students were satisfied overall with the quality of the course.

Teaching

With support from your tutors, you will be encouraged to develop an independent attitude to learning. Important features of our teaching include lectures and symposia, problem-based learning (PBL), practical sessions, communication skills training, student-selected components and e-learning.

Assessment

You will be assessed by a combination of continuous assessment and regular examinations throughout the programme, with final exams each year.



On the wards: exposure to patients early on in your studies is a key feature of our medical degrees



I chose to study medicine at QMUL because of the early patient contact, the excellent research facilities and the fact that Barts will open many doors for me in the future

Arun Desouza-Edwards, MBBS student (2020)



AND AFTERWARDS...

How can I use my degree?

Medicine is an exciting and intellectually challenging profession: the nature of the field is such that you always need to be up to date with the latest developments. You will meet an interesting variety of people in both colleagues and patients and you will be able to see the result of your hard work in your patients. Medicine offers good job security, a competitive salary and scope for career progression.

What our graduates do next

Most graduates from our School of Medicine go on to work as doctors within the NHS, although some of our overseas students return home to work. Exceptionally, a graduate may defer starting work as a doctor in order to pursue a postgraduate degree. Most of our graduates follow training programmes in General Practice or pursue careers in hospital medicine. Our MBBS programme provides an excellent grounding in research, such that many of our graduates will also combine professional practice with clinical research.

All of our 2015/16 Medicine MBBS students who chose to enter the UK Foundation Programme in 2016 were working as Foundation Doctors six months after graduation. Foundation Year One (FY1) doctors currently start on a salary of £22,862. This increases in Foundation Year Two to £28,357 (the pay for Junior Doctors is set nationally by the NHS). The same applies to overseas students who work as FY1 doctors in the NHS. Otherwise, local pay rates for the country they work in will apply.

How we support you

Throughout the course, you will have access to a bespoke careers programme, which includes a medical careers fair, a range of talks by consultants and the opportunity to rotate through many different medical specialisms both in hospital and in primary care during your undergraduate course. Students in their final year shadow doctors in the exact posts they are to work in, to familiarise themselves both with the role and also with the hospital in which they will work. The elective programme in your final year also provides you with the opportunity to work overseas, should you choose.

Kelli Torsney

Studied: Medicine

Currently: Academic Geriatric Registrar, Cambridge

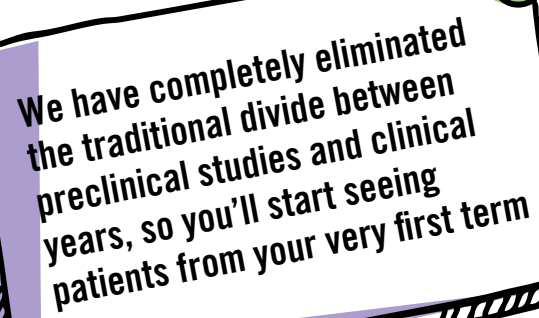
Did you enjoy your time at QMUL?

I cannot recommend it highly enough. Being located in the City and East End of London means that you are exposed to a wide diversity of people and illnesses, providing you with a great insight into global health. The East End is also a fantastic place for socialising. At Barts, you automatically become part of a big family where everyone looks out for each other.

How did your time at QMUL prepare you for work?

I found the support and mentoring system at Barts invaluable, especially in the run-up to exams and in my final year when I was applying for jobs. With the support and guidance from my mentor and the medical school staff, I had the help and advice I needed to land the Foundation Year job I wanted.

In your final year we give you specific support in applying for the Foundation and the Academic Foundation Programmes. Graduates who find posts outside London are routinely put in contact with recent Barts graduates working in those areas, to gain first-hand knowledge of working and living conditions in local hospitals.



We have completely eliminated the traditional divide between preclinical studies and clinical years, so you'll start seeing patients from your very first term

MEDICINE

DEGREE PROGRAMMES

Medicine

A100 MBBS (five years)

Students starting linear A-levels from September 2015 (awarding bodies in England):

AAA including biology or chemistry and a second science from biology, chemistry, maths or physics

Students who started A-levels before September 2015:

AAAB including at least B in AS biology and chemistry and at least two science A-levels from biology, chemistry, maths or physics.

Important notes:

1. Students offering a combination of modular and linear A levels are advised to contact smdadmissions@qmul.ac.uk for advice about entry requirements.
2. A-levels must be taken in one sitting over a two-year period. Resits are not accepted, unless protected under the Equality & Diversity Act 2010 (documentary evidence in such cases is required by 1 September in the year of entry).
3. General studies, critical thinking and further maths (if taken together with maths) are not accepted.
4. Minimum six GCSE passes required at AAABBB or 777666 including English and maths (in any order).
5. You are advised to read our detailed admissions criteria at: smd.qmul.ac.uk before applying.

IB: 38 overall with HL 666 including biology or chemistry and a second science or maths. Biology or chemistry must be taken at SL if not taken at HL.

UKCAT: For school leavers/gap year students and graduates, applicants will be ranked according to a 50:50 weighting applied to their UKCAT score and academic ability, as measured by UCAS tariff, or academic ability for graduates based on a weighting of degree classification or postgraduate degrees.

BTEC: Not accepted

This five-year programme leading to the Bachelor of Medicine and Bachelor of Surgery is designed to give you appropriate knowledge and understanding of medical, scientific and clinical principles so that you are able to apply them to the prevention, cure and alleviation of disease.

For module information and further details, please visit: qmul.ac.uk/A100

Medicine (Graduate Entry Programme)

A101 MBBS (four years)

All candidates applying to the four-year course must take the UKCAT in the year of application in order to be considered for interview.

You may apply to this programme in the final year of your degree and be predicted/have achieved at least an upper second class Honours degree in a science or health-related subject. There should be a significant component of biology and chemistry in your degree, at least equivalent to AS-level. Alternatively, you must have achieved grades of at least BB in A-level biology and chemistry prior to starting your degree, or you must be completing or have completed AS-levels in chemistry and biology and be predicted/have achieved at least B grades in both. UKCAT must be taken in the year of application prior to the UKCAT deadline.

This four-year programme leading to the Bachelor of Medicine and Bachelor of Surgery is designed as a fast-track route for graduates with good degrees in science or health-related subjects. The first year of study is based on the first two years of the five-year programme.

For module information and further details, please visit: qmul.ac.uk/A101

Your elective period

One of the most interesting area of our MBBS programmes is your elective period in Year Four, which you will spend studying in the UK or abroad. The elective period is self-funded and its cost varies depending on the length and location of your elective. Some electives, particularly in the USA and Australia, carry costs from the host institution of up to £6,000, whereas others may carry no additional expense. The cost of flights and accommodation should also be factored in when adding up the costs for an elective.

MEDICINE

DEGREE PROGRAMMES

Medicine

MBBS Malta (five years)

Students starting linear A-levels from September 2015 (awarding bodies in England):

AAA including biology or chemistry and a second science from biology, chemistry, maths or physics

Students who started A-levels before September 2015:

AAAb including at least B in AS biology and chemistry and at least two science A-levels from biology, chemistry, maths or physics.

Important notes:

1. Students offering a combination of modular and linear A-levels are advised to contact smdadmissions@qmul.ac.uk for advice about entry requirements.
2. A-levels must be taken in one sitting over a two-year period. Resits are not accepted, unless protected under the Equality & Diversity Act 2010 (documentary evidence in such cases is required by 1 September in the year of entry).
3. General studies, critical thinking and further maths (if taken together with maths) are not accepted.

Study Medicine in Malta

QMUL's School of Medicine and Dentistry now offers a five-year MBBS programme in Malta. The programme is taught in English and is academically equivalent to our long-standing MBBS programme in London, with equivalent entry requirements and selection criteria. The core curriculum is the same, which includes early in-depth clinical experience, problem-based learning (PBL) and practical sessions in laboratories. The programme is delivered over five years and students take the same assessments at the same time as MBBS students in London.

In the first two years of the programme, students are taught mainly at the Gozo campus, where they use the Gozo General Hospital's new teaching and training facilities. From an early stage, students gain experience in the local community through attachments with general practices, where they can learn about the clinical context of their medical knowledge. In the third, fourth and fifth year, students will spend time on the wards and clinics in Gozo General Hospital, St Luke's Hospital, the Mater Dei Hospital (Malta) and other relevant clinical facilities in primary and secondary care, where they will be introduced to clinical medicine. Students' knowledge and clinical skills will be enhanced by working alongside clinical teams both in the hospital and also within community placements.

Students will regularly return to the main medical campus on Gozo for teaching weeks and assessments. Other Malta hospitals involved in the programme include Karin Grech Hospital and Mount Carmel Hospital. Travelling to and from the islands is very easy. There is a frequent 20-minute ferry service that carries passengers between Malta and Gozo.

Malta is a very popular student destination, with over 40 academic institutions on the islands. This is no surprise when you consider Malta's Mediterranean climate, picturesque landscapes, warm seas and welcoming, friendly people. There are opportunities for all kinds of activities, ranging from a bustling nightlife to trekking and water sports, and all in an English-speaking setting. Students also enjoy peace of mind when it comes to personal safety, as the islands offer a safe environment for both locals and visitors.

For details of our new one-year medicine foundation programme, the Certificate in Clinical Foundation Studies Malta (CCFSM), please see page 49.

General enquiries

School of Medicine and Dentistry Admissions
Tel: +44 (0)20 7882 8478
email: qmul-malta@qmul.ac.uk

4. Minimum six GCSE passes required at AAABBB or 777666 including English and maths (in any order).
5. You are advised to read our detailed admissions criteria at: smd.qmul.ac.uk before applying.

IB: 38 overall with HL 666 including biology or chemistry and a second science or maths. Biology or chemistry must be taken at SL if not taken at HL.

UKCAT: For school leavers/gap year students and graduates, applicants will be ranked according to a 50:50 weighting applied to their UKCAT score and academic ability, as measured by UCAS tariff, or academic ability for graduates based on a weighting of degree classification or postgraduate degrees.

BTEC: Not accepted

This five-year programme leading to the Bachelor of Medicine and Bachelor of Surgery is designed to give you appropriate knowledge and understanding of medical, scientific and clinical principles so that you are able to apply them to the prevention, cure and alleviation of disease.

For module information and further details, please visit: smd.qmul.ac.uk/qmulmalta

Malta is a very popular student destination: no surprise when you consider Malta's Mediterranean climate, historic past, picturesque landscapes, and welcoming, friendly people



MEDICINE

DEGREE PROGRAMMES

Intercalated degrees

At Barts and The London School of Medicine and Dentistry, most students will have the opportunity to take an extra year of study leading to a Bachelor of Science (BSc) or Bachelor of Medical Sciences (BMedSci). Taken after successful completion of either Year Two, Three or Four, an intercalated degree allows you a greater insight into the natural or social sciences that underpin medicine and dentistry.

There are 11 intercalated degree courses available:

- Bachelor of Science (Biomedical Engineering and Clinical Materials)
- Bachelor of Science (Experimental Pathology)
- Bachelor of Science (Global Public Health)
- Bachelor of Science (Infectious Disease and Epidemiology)
- Bachelor of Science (Medical Education)
- Bachelor of Medical Sciences (Molecular Medicine)
- Bachelor of Medical Sciences (Molecular Therapeutics)
- Bachelor of Science (Neuroscience)
- Bachelor of Science (Oral Biology)
- Pre-Hospital Medicine (developed and delivered in partnership with London's Air Ambulance)
- Bachelor of Science (Sports and Exercise Medicine)


To find out more about our intercalated degree programmes, please see:

smd.qmul.ac.uk/undergraduate/intercalated

The Dawson Hall accommodation on the Charterhouse Square campus, near Barts Hospital, is a fantastic place to live. The location is in central London, with easy access to what the city has to offer. The Dawson lawn is perfect for studying and for socialising on

Colum McGrady, MBBS student (2017)





Cathy teaching MBBS students in an anatomy class on our Mile End campus

“

Our unique selling point is that we initially teach anatomy using models and prosections and then every student can dissect the structures later on in the year. This means that students have a good background knowledge and understand the clinical relevance of structures before they begin to dissect

Dr Cathy Molyneux, Director of Anatomical Studies

”

LIFE SCIENCES

SUBJECTS UNDERPINNING MEDICINE

QMUL has a well-established reputation for excellence across a wide range of life science disciplines.

All our life sciences programmes allow you to pursue an interest in the sciences that underpin advances in medicine and healthcare – and find careers in the industries and organisations that support the healthcare sector. The challenge to improve global healthcare requires highly skilled, forward-thinking, adaptable graduates to provide solutions. QMUL pulls together world-leading research expertise alongside outstanding teaching. Together, in our high-quality facilities, we prepare graduates with the knowledge and the innovation required to meet these global challenges.

Whether you aspire to solving medical problems through the development of novel medical technology and devices, become a Laboratory Scientist, or get involved in shaping healthcare policies, these programmes offer you exciting routes into careers that are shaping the future of global healthcare.

- In 2015, almost 222,000 people were employed across the UK health life sciences sectors, with overall jobs growth estimated at 2.9 per cent from the previous year.*
- In addition, graduates often can go on to study medicine or dentistry at our world-renowned medical school, Barts and The London School of Medicine and Dentistry – or elsewhere.
- The Research Excellence Framework 2014 (REF 2014) places Barts within the top 10 UK institutions for clinical medicine and in the top five for public health and health services. Our biological sciences research also performed well, ranking within the top 25.

* Strength and Opportunity 2015: the landscape of the medical technology and biopharmaceutical sectors in the UK (Annual update – May 2016. gov.uk/government/publications/bioscience-and-health-technology-database-annual-report-2015)

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

smd.qmul.ac.uk/about/whoswho

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com

Enquiries

School of Medicine and Dentistry

Tel: +44 (0)20 7882 8478

email: smdadmissions@qmul.ac.uk

smd.qmul.ac.uk



BartsTheLondon

Full details of our medically related degree programmes can be found in the relevant department sections of this prospectus.

Life sciences programmes:

• Biochemistry	55
• Biology	55
• Biomaterials for Biomedical Sciences	194
• Biomedical Engineering	126
• Biomedical Sciences	56
• Dental Materials	193
• Genetics	57
• Global Health	153
• Medical Genetics	57
• Neuroscience	57
• Pharmaceutical Chemistry	70
• Pharmacology and Innovative Therapeutics	58
• Psychology	233

For further information, please visit our webpages at: qmul.ac.uk/studylifescience



“

I particularly enjoy being taught by a variety of lecturers who are all active in their field of expertise and can therefore give us up-to-date information about research. Being taught by high-profile researchers at QMUL will definitely be useful in the future, as I can enter the research field with a good knowledge of how things work!

Martina Lattore, Biology BSc (2017)

”

PHYSICS AND ASTRONOMY

Physicists play an increasingly important role in the modern world. The skills developed through the study of physics are highly valued in a large number of key employment sectors, including energy, business and marketing, engineering, technology, communications and finance.

Physics is essential to our understanding of how the universe works: from the behaviour of the smallest elementary particles to the movement of the largest scale astronomical structures.

Why study physics and astronomy at QMUL?

Follow your interests

Our programmes are informed by the work of leading academics, who teach our courses and supervise undergraduate research projects. Our areas of research strength are broad and include particle physics, astronomy, materials physics and theoretical physics, allowing you to gain a degree with a wide knowledge of physics or to specialise in a particular area. Further specialisation is possible through our intercollegiate MSci programmes, which share final-year modules with other University of London institutions, including Kings College London, UCL and Royal Holloway University of London. All of our courses are accredited by the Institute of Physics, which ensures consistent academic standards.

Be part of our heritage

Researchers in the School of Physics and Astronomy have been involved in ground-breaking research for over 100 years: from early work on the structure of the atom in 1909, through to discoveries of fundamental particles in the 1970s and work that stimulated the beginnings of superstring theory in the 1980s. More recently, QMUL researchers have contributed to the discovery of the Higgs boson, have led international collaborations in survey astronomy and discovered our nearest neighbouring extra-solar planet, Proxima b.

A great learning environment

The School combines the academic rigour and high standards of a Russell Group institution with a friendly and supportive atmosphere. The School is always highly rated by students in the National Student Survey (NSS) and has been voted first in London for overall satisfaction for the last three years running (NSS 2014, 2015, 2016).

HIGHLIGHTS

- Flexible programme structure tailors your degree to your interests
- Intercollegiate MSci programme gives access to fourth-year modules at other University of London institutions
- Variety of opportunities for graduate-level work experience, as well as opportunities to study abroad
- Ranked first in London for overall satisfaction for three years running in the National Student Survey (NSS 2013, 2014, 2015).

Excellent facilities

Facilities fitted as part of a £12m refurbishment in 2014 include parts of our teaching laboratories, complete with a wide selection of scientific equipment, including interferometers, oscilloscopes, muon detectors and X-ray equipment. Our new observatory is equipped with a Celestron C14 and Coronado solar telescope, which is used by undergraduates during their research projects.

Study abroad


You can apply to spend a semester or a full year abroad on a non-credit-bearing year at a partner university in Europe, North America or Asia. There are no extra tuition fees associated with these placements abroad, though you will need to cover your transport, accommodation and living expenses. The top two students on the Astrophysics programme will be offered fully funded summer internships at the Skinakas Observatory in Crete.

Teaching

You will be taught through a combination of lectures, tutorials and laboratory sessions, with 17–20 contact hours of teaching per week in the first two years of your degree. The final years of your degree will involve a higher proportion of independent study.

Assessment

Practical work will be assessed on laboratory reports alone. Non-practical modules are assessed with various combinations of weekly coursework, termly assignments and an end-of-year examination.

A photograph of two female students in a laboratory setting. In the foreground, a student with long dark hair (Sabrina Alam) is looking intently at a piece of scientific equipment. Behind her, a student with long blonde hair is also looking at the equipment. The equipment consists of a large black cylindrical component mounted on a silver metal frame. The background shows a typical university laboratory with other students and equipment.

Sabrina Alam working with a lab partner
in our undergraduate teaching laboratory

“ Studying physics gives you so many valuable skills. I recently got on to one of the placements organised by the School and my analysis and problem-solving skills came in really useful. I was working in a data science company, which was really interesting. The placement went so well I even got offered a job for when I graduate!

Sabrina Alam, Theoretical Physics BSc (2017)

AND AFTERWARDS...

How can I use my degree?

Graduates from the School of Physics and Astronomy succeed in entering a wide variety of careers. Some transfer skills gained during study into areas such as finance, IT or medicine. Other graduates move into research, where they study for a higher degree such as a PhD.

You will graduate with an impressive array of skills including:

- high-level numeracy and data analysis skills
- excellent IT and coding expertise
- problem-solving skills
- reporting and communication skills
- practical laboratory skills.

What our graduates do next

Of our 2015 full-time, UK-domiciled graduates, 89 per cent of those in work are in graduate level employment, (2015 Destination of Leavers from Higher Education survey).

Recent graduates from the School have gone into roles such as:

- [Econometrician](#), Media Com
- [Client and IoT Software Application Engineer](#), Intel
- [Web App Development Consultant](#), King's Research Consultancy
- [PhD Student](#), University of Oxford
- [Graduate Account Manager](#), Dunn and Bradstreet
- [Digital Campaign Manager](#), ESI Media
- [Consultant](#), Bluefin Solutions
- [Trainee Healthcare Scientist, Medical Physics](#), NHS
- [Associate Technical Consultant](#), Open Symmetry (management consulting)

Careers and employability support

Undergraduates at the School of Physics and Astronomy have access to a huge range of resources and opportunities designed to add to the already impressive skill set developed through the study of physics or astronomy.

Case study: from placement to graduate job

Touhid Hussain (Physics MSci, 2015) secured a job as Graduate Account Manager in business data company Dunn and Bradstreet, following a similar placement in his penultimate summer. The placement was one of many organised through the School. Touhid says:

“Getting a placement was really important. It taught me about life in the corporate world, where I planned to end up after university. It was also of benefit to me in my current role, as the experience helped secure the job and I knew some of the processes already”

Exclusive work placements for School of Physics and Astronomy Students

In 2016, 21 School of Physics and Astronomy students took advantage of the work placements organised by the School. Participating companies in the placement scheme include small, medium and large companies operating in industries such as technology, energy, defence, aerospace, engineering and research.

Research internships

Each year, the School of Physics and Astronomy funds up to eight paid research internships in the School's four research groups. These internships give first-hand insight into life as a researcher and boost students' experience in a particular field, as well as building transferable skills as they earn.

Work as a Physics Ambassador

Some of our undergraduate students do paid work as Physics Ambassadors, helping the Outreach team. Ambassadors help run a wide range of engaging events for schools and the public: a great way to build valuable skills.

QMUL employability schemes

In addition to placements specific to Physics and Astronomy students, all QMUL students have access to a wide range of work experience. Programmes and opportunities are offered to QMUL students by our Careers and Enterprise Centre, which co-ordinates work placements and internships, one-to-one guidance, careers events and skills training, as well as support for students with their own business ideas. See pages 8–13 for further details.

PHYSICS AND ASTRONOMY

DEGREE PROGRAMMES

Physics

F300 BSc (three years)

F303 MSci (four years)

A-level: MSci: AAB with A in maths and physics
BSc: ABB with A in maths or physics (both subjects required)

IB: MSci: 34 overall with 665 in HL subjects including HL 6 in maths and physics
BSc: 32 overall with 655 in HL subjects including HL 6 in maths or physics (both subjects must be taken at HL)

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This flexible programme gives you access to the School's full range of expertise, allowing you to tailor-make a degree that is either broad or specialised. In your first year of study you will cover key principles in core theoretical and experimental physics. In subsequent years, you will build on this knowledge, choosing increasingly specialised modules that develop your interests.

You will take modules taught by expert researchers, giving you unique insights into higher level topics. In your final year you will complete an extensive research project aligned with your own interests, supervised by an academic subject specialist.

Practical options include experimental physics and C++ programming. These modules, coupled with valuable experience in independent study, research and project work, provide a range of valuable skills that will prepare you for work in either academic or commercial roles.

For module information and further details, please visit: qmul.ac.uk/F300 or qmul.ac.uk/F303

Astrophysics

F526 BSc (three years)

F523 MSci (four years)

A-level: MSci: AAB with A in maths and physics
BSc: ABB with A in maths or physics (both subjects required)

IB: MSci: 34 overall with 665 in HL subjects including HL 6 in maths and physics
BSc: 32 overall with 655 in HL subjects including HL 6 in maths or physics (both subjects must be taken at HL)


BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

You will learn fundamental physical principles and their applications in understanding the universe as a whole. Specialist modules in this programme focus on cosmology, galaxies, stars and planetary systems and are taught by active researchers in these fields. You will make use of observational and theoretical approaches to explore the properties and evolution of these astrophysical systems. Extra optional modules provide scope for you to explore topics of interest outside of the immediate syllabus, providing a rounded physics education with a specialist focus. Experimental skills and optional modules in C++ programming and physics laboratory will boost your already impressive set of transferrable skills.

In your final year, you will further develop your interests in astrophysics and gain valuable research skills through the completion of an independent research project, supervised by one of the School's astrophysicists.

For module information and further details, please visit: qmul.ac.uk/F526 or qmul.ac.uk/F523



A photograph of Kathryn Coldham, a young woman with long blonde hair, smiling and looking up at a large solar telescope. She is wearing a dark blue t-shirt with the Queen Mary University of London logo. The telescope is mounted on a yellow frame, and the background shows a cityscape through a window. The scene is brightly lit by natural light.

Kathryn Coldham setting up the solar telescope in the School's observatory

The School has a really friendly and supportive atmosphere. We have a Student Support Officer and each student also has an Academic Adviser. There are also lots of opportunities to work together with other students or discuss work informally with lecturers

Kathryn Coldham, Physics MSci (2018)

PHYSICS AND ASTRONOMY

DEGREE PROGRAMMES

Physics with Particle Physics

F392 BSc (three years)

F393 MSci (four years)

A-level: MSci: AAB with A in maths and physics
BSc: ABB with A in maths or physics (both subjects required)

IB: MSci: 34 overall with 665 in HL subjects including HL 6 in maths and physics
BSc: 32 overall with 655 in HL subjects including HL 6 in maths or physics (both subjects must be taken at HL)

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This programme features much of the breadth of the Physics BSc/MSci programme, with specific focus on particle physics from the second year onwards.

Teaching on the programme benefits from the School's involvement with some of the world's largest particle physics experiments, including the Large Hadron Collider at CERN and the T2K neutrino facility in Japan.

In addition to core physical principles, you will come to understand the fundamentals of the sub-atomic world, learning to apply quantum mechanics to describe the behaviour of particles. Contemporary topics include the search for the Higgs boson and new physics beyond the standard model.

Modules in statistical data analysis, detector technology and C++ provide opportunities to develop practical skills and knowledge that can be applied in either commerce, industry or research.

In your final year, you will further develop your interests in particle physics and gain valuable research skills through an independent research project, supervised by one of the School's particle physicists.

For module information and further details, please visit: qmul.ac.uk/F392 or qmul.ac.uk/F393

Theoretical Physics

F340 BSc (three years)

F323 MSci (four years)

A-level: MSci: AAB with A in maths and physics
BSc: ABB with A in maths or physics (both subjects required)

IB: MSci: 34 overall with 665 in HL subjects including HL 6 in maths and physics
BSc: 32 overall with 655 in HL subjects including HL 6 in maths or physics (both subjects must be taken at HL)

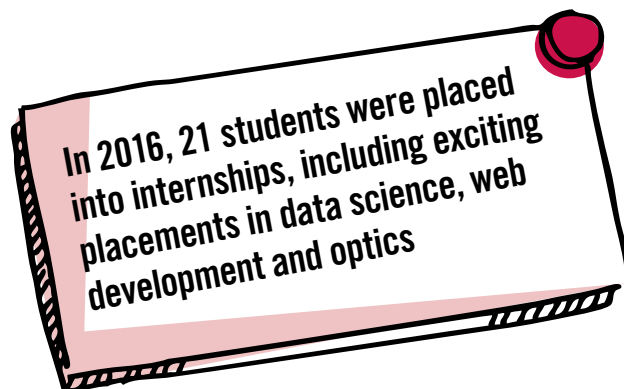
BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This degree programme focuses on the theoretical and fundamental aspects of physics. You will take modules leading to a knowledge of advanced mathematics, quantum theory and special and general relativity, essential for describing the physics of particles and gravity.

In your final year, you will further develop your interests in the direction of your choice through the completion of an independent research project, supervised by one of the School's theoretical physicists.

The advanced numerical skills, independent research expertise and problem-solving skills you will develop throughout the programme provide an excellent grounding for further study and a wide range of careers in industry and commerce.

For module information and further details, please visit: qmul.ac.uk/F340 or qmul.ac.uk/F323





“

General relativity forever changed our view of space and time. It has made the things we always took for granted as fixed and inviolate, become malleable, changeable and unfixed. To be able to bring these ideas to a new generation and take people to the brink of contemporary physics is a true pleasure

David Berman, Professor of Theoretical Physics

”

PHYSICS AND ASTRONOMY

DEGREE PROGRAMMES

RELATED PROGRAMMES

International Science and Engineering Foundation Programme	48
Science and Engineering Foundation Programme	48

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

ph.qmul.ac.uk/directory/academics

Fees and funding

For more information, please visit:

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com

Academic enquiries

School of Physics and Astronomy

Tel: +44 (0)20 7882 6958



PhysicsatQM



PhysicsatQM

email: physics@qmul.ac.uk

ph.qmul.ac.uk

General enquiries

Freephone (UK callers only):

0800 376 1800

Tel (international students):

+44 (0)20 7882 5511

email: admissions@qmul.ac.uk

POLITICS AND INTERNATIONAL RELATIONS

Politics and International Relations is about power, identity, conflict, society as well as the many systems and organisations that govern the world. It's a subject that can lead to domestic and international careers in government, education, media, business, and more.

At QMUL, you'll have the chance to study both disciplines from a truly global perspective. You'll be introduced to theories of both politics and international relations and you'll apply them to topical debates on a huge range of both domestic and international issues. At the end of your programme, you will have acquired the skills needed to analyse and make sense of our ever-changing world.

Why study politics and international relations at QMUL?

It is all about a combination of location, high-quality teaching and, ultimately, our people. Politically, London is where all the action takes place – we are firmly plugged into a globalised, networked world. Not only are the nation's Parliament, parties and think tanks headquartered here in the capital, but so are its high-profile international organisations and its economic powerhouses. At QMUL, we exploit our location to the full, inviting a range of high-profile speakers to the campus.

Our students can take advantage of the Mile End Institute, a major policy centre at QMUL, which brings together policymakers, academics and diverse local communities to address major political challenges in the UK. The Mile End Institute holds lively events featuring high-profile speakers at locations across the capital including the House of Lords, the British Academy, and the Foreign and Commonwealth Office.

HIGHLIGHTS

- Our location: being based in one of the world's greatest capital cities means politics, both global and domestic, is right on your doorstep.
- Our final-year internship module could provide you with an exciting, work-based placement.
- Our events: you can engage and network with high-profile people working in and around Westminster, Whitehall and the wider world.

We are also expanding our students' contact with Westminster, Whitehall and the third sector through regular events. What's more, our parliamentary internship module* offers students the chance of an exciting work-based placement.

We pride ourselves on our fantastic teaching, which is delivered through a mixture of lectures, seminars and workshops. Our staff are active, critical researchers with diverse interests, which is reflected in the wide choice of modules available to you. You will be assessed by a combination of coursework, exams and a final-year dissertation.

*Please note that the parliamentary internship module is open to single honours Politics students, and to single honours Politics and International Relations students.





I love being part of such a multi-cultural university and every day I am learning more about other cultures and traditions. Having cafés, restaurants, bars, gyms, and shops on the campus makes things way easier and enjoyable. Last but not least, my professors are doing an amazing job and help me anytime I need their support

Anil-Veli Aliev Yakubov,
International Relations BA (2017)



AND AFTERWARDS...

How can I use my degree?

Graduates from our School of Politics and International Relations go on to work in a wide variety of careers. Some apply their degree knowledge directly, entering sectors such as government, charities or public affairs, while others work in policy research, campaigning, or in the commercial arena. Your time with us will equip you with all sorts of transferable skills that are valued by employers, including analytical ability – politics is all about logical and critical thinking, and making sense of complicated issues and relationships – and excellent research skills.

What our graduates do next

The broad range of skills gained through our programmes, coupled with significant extracurricular opportunities, has enabled our students to work for employers such as:

- PA Consulting
- CEC Government Relations
- XL Catlin
- House of Commons
- Home Office

How we support you

Throughout your time at QMUL, you will have access to an annual careers programme to prepare you for internships and graduate-level work.

This includes:

- One-to-one appointments with a Careers Consultant for CV checking, careers advice and support.
- Workshops and events help you to identify your career options, train you in recruitment and selection methods and offer you networking opportunities. These are tailored to the needs of students from the School and are run by the School's Careers Consultant. Our popular Careers Spotlight events feature external speakers on topics such as Careers in Public Affairs, What's it Like to Work for an MP?, Careers in Political Risk, and Political Journalism.
- Over 120 employer-led events per year, from seminars to large fairs. Major employers recently on campus include Bloomberg, Deutsche Bank, HM Treasury, Thomson Reuters, KPMG, and the Civil Service Fast

Constantin Gouvry

Studied: International Relations BA (2015)

Currently: Co-ordinator of the Global Affairs Policy Taskforce, 1989 Generation Initiative

What do you do in your job?

My role is to oversee and manage the work of the Foreign Policy Unit. I am responsible for the quality of the organisation's policy output on global affairs, and the presentation of these reform proposals at the European Parliament. This is a very exciting project to be a part of, in the aftermath of the UK referendum on Brexit.

How have your studies at QMUL helped your career?

Studying at QMUL has been key in shaping both my academic interests and my professional goals. It was thanks to challenging discussions with bright, young fellow scholars and the advice of dedicated, approachable and supportive teachers that I was able to develop an expertise that builds on my strengths.

Stream. Our students can access jobs with smaller and specialist employers via QRecruit, in-School events and QM JobOnline.

- Enterprise support for people interested in running their own commercial or social enterprise and those already doing it. For further details, please see page 12 or visit careers.qmul.ac.uk/enterprise

You can continue to use our Careers and Enterprise Centre services for two years after you graduate.

Work experience

We encourage you to build your work experience throughout your studies. See page 10 for more information on QProjects, our award-winning work experience scheme, and the range of options available.

You can also volunteer for one of our Students' Union's media outlets, such as *The Print* newspaper and *CUB* magazine, or engage in political debate via on-campus forums such as the Mile End Institute. For more information about our careers programmes and the support we offer you, please visit: careers.qmul.ac.uk

POLITICS AND INTERNATIONAL RELATIONS

DEGREE PROGRAMMES

Politics

L202 BA (three years)

A-level: ABB

Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

The BA in Politics is designed to give you an excellent grounding in the discipline, covering political theory, ideas and ideologies, government and institutions, area studies (including various countries and regions such as Britain, the US, Europe and much of the developing world) and comparative politics, which involves the study of different national and international political institutions, in Britain, the US and Europe. You are able to select modules according to your areas of interest, alongside the core modules associated with your programme.

For module information and further details, please visit:
qmul.ac.uk/L202

International Relations

L250 BA (three years)

A-level: ABB

Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

International Relations (IR) covers the broad themes and theories associated with the study of IR such as the state system, development, security, conflict and globalisation. It also draws on the School's distinctive expertise in a number of areas which include British, French, European, American, Latin American, African and Middle Eastern Politics. You will undertake the historical study of IR, from the 1870s including the 'scramble for Africa', through to the Cold War, the origins of the war on terror, the financial crisis and the Arab Spring. You will learn how to reflect and apply IR theories using both historical and contemporary examples.

For module information and further details, please visit:
qmul.ac.uk/L250

Politics and International Relations

L240 BA (three years)

A-level: ABB

Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Our BA in Politics and International Relations is designed to provide you with an advanced understanding of government, political thought, empirical and theoretical approaches to the study of international relations, and how multiple levels of political governance – national, regional and international – interact in the world. In addition to the strong core training in international relations theory and modern political thought, the programme offers a wide range of options for students to study such as: British Politics, Parliamentary Studies, the European Union, War and Security, International Politics of the Developing World, US Foreign Policy, Gender Politics, Liberalism and its Critics, the Politics of the Post-Colonial Middle East, Globalisation: Issues and Debates, Africa and International Politics, Latin American Politics, and Race and Racism in World Politics.

For module information and further details, please visit:
qmul.ac.uk/L240



Our students come from very diverse backgrounds and many of them are involved in political activities on and off campus – whether political parties, community organisations or grassroots campaigns – which makes class discussions very lively and rewarding

Dr Sofa Gradin, Lecturer in Politics and International Relations

POLITICS AND INTERNATIONAL RELATIONS

DEGREE PROGRAMMES

Politics with Business Management

L2NF BA (three years)

A-level: ABB

Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Politics with Business Management provides you with the opportunity to pursue modules which will help to prepare you for work in both the private and public sector. The politics elements give you an intellectual framework of understanding, and the business management modules will help to develop your ability to make critical analyses and evaluations that are relevant to management. This combination will allow you to understand more critically and dynamically the politics of business and public organisations.

For module information and further details, please visit: qmul.ac.uk/L2NF

Politics with a Year Abroad

L20Y BA (four years)

A-level: AAB

IB: 34 overall with 665 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Our established BA Politics is now available with a year abroad at one of our partner universities. You will gain a strong grounding in the different aspects of political studies, and benefit from the cultural experience of a year abroad in the third year of your programme. This will allow you to increase your knowledge of another culture, country, and understand the study of politics from a different perspective. All teaching is delivered in English but you are encouraged to learn another language. Please see page 229 for further information.

For module information and further details, please visit: qmul.ac.uk/L20Y

International Relations with a Year Abroad

L25Y BA (four years)

A-level: AAB

IB: 34 overall with 665 in HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

Our popular International Relations programme can now be taken with a year abroad at one of our partner universities, which takes place in the third year of your programme. You'll be able to explore the relationship between international and comparative politics, as well as examine the international politics of specific regions. Studying a year abroad will help to expand your knowledge of another culture and even learn a new language. All teaching is delivered in English. Please see page 229 for further information.

For module information and further details, please visit: qmul.ac.uk/L25Y

Economics and Politics

LL12 BSc(Econ) (three years)

A-level: AAA including maths

IB: 36 points overall with 666 in HL subjects and at least 6 in SL maths

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

Economics and Politics confront issues across the world: the global recession, tax, and the job market. This programme will explore intersecting issues related to economics, politics and the policy-making process. You will take four economics modules and two politics modules in your first year. In your second and third years, you can choose to specialise. This degree is especially suited to those with an interest in public policy and government decision-making.

For module information and further details, please visit: qmul.ac.uk/LL12

History and Politics

LV21 BA (three years)

A-level: ABB including history.

Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in HL subjects, including HL history

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This degree is jointly taught by the Schools of History, and Politics and International Relations, and reflects the close links between the two subject areas. It provides an opportunity to understand the modern world by studying the evolution of political ideas and institutions alongside the historical development of the major powers.

For module information and further details, please visit: qmul.ac.uk/LV21



French and Politics

LR21 BA (four years)

German and Politics

LR22 BA (four years)

Hispanic Studies and Politics

LR24 BA (four years)

Russian and Politics

RL72 BA (four years)

A-level: ABB including French for LR21, or for other programmes, GCSE in a language or experience of learning a language other than your mother tongue, and an essay-based humanities/social sciences subject. Alternative offers may be made to applicants taking the EPQ

IB: 32 overall with 655 in relevant HL subjects, including HL 5 in French for LR21, and at least one essay-based humanities/social sciences subject

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements. Grade B in A-level French required in addition for LR21, or for other programmes, experience of learning a language other than your mother tongue

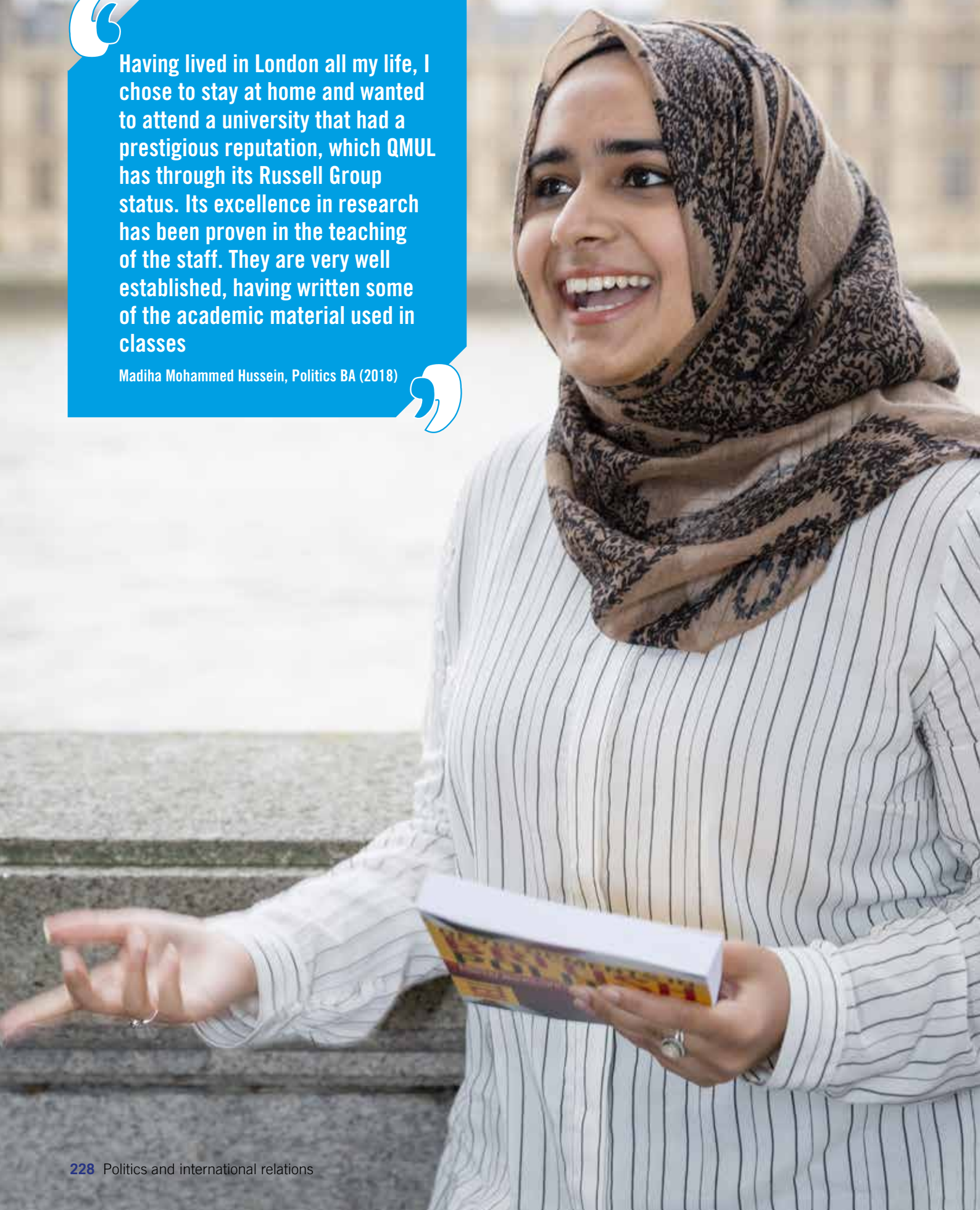
The study of a language with politics offers the exciting prospect of a four-year degree programme that combines two contrasting, but often complementary, areas of interest. Whether you choose French, German, Hispanic Studies or Russian, you will follow the core modules designed to help you develop your skills in writing and speaking that language, as well as core modules in politics. In addition, you will normally spend a year abroad in a country where the language is spoken. You can choose whether to study or take up a work placement. Please see page 229 for further information.

For module information and further details, please visit: qmul.ac.uk/LR21, qmul.ac.uk/LR22, qmul.ac.uk/LR24 or qmul.ac.uk/RL72



Having lived in London all my life, I chose to stay at home and wanted to attend a university that had a prestigious reputation, which QMUL has through its Russell Group status. Its excellence in research has been proven in the teaching of the staff. They are very well established, having written some of the academic material used in classes

Madiha Mohammed Hussein, Politics BA (2018)



POLITICS AND INTERNATIONAL RELATIONS

DEGREE PROGRAMMES

Law and Politics

ML12 BA (three years)

A-level: AAA

Minimum six GCSE passes normally required at AAAABB or 777766 including English and maths

IB: 37 overall with 18 from three HL subjects

BTEC: See qmul.ac.uk/undergraduate/entry for detailed subject and grade requirements

This joint honours degree, the first of its kind in the University of London, offers you the opportunity to study the closely related disciplines of law and politics over three years. The programme is designed so that you could, by choosing the appropriate law options, obtain the usual exemptions from legal professional examinations. The degree is aimed at those who wish to pursue a career in which knowledge of both the legal and governmental systems is of major importance, and should appeal especially to those wishing to study public policy in its legal context.

For module information and further details, please visit: qmul.ac.uk/ML12



I'm passionate about politics, and teaching means I get to share that passion with people who care about it too: what could be better than that?

Professor Tim Bale, Professor in Politics

RELATED PROGRAMMES

Geography	145
Global Health	153
International Foundation Programme in Humanities and Social Sciences	46
Modern and Contemporary British History	158

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

politics.qmul.ac.uk/Staff

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com

Academic enquiries

School of Politics and International Relations

Tel: +44 (0)20 7882 8600

email: politics@qmul.ac.uk

politics.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

Study Abroad: tuition fees

If your third year is spent studying abroad, you will pay a reduced tuition fee to QMUL, currently 15 per cent of current undergraduate fees. (For guidance, in 2016/17, Home/EU students paid £1,350; while international students paid 50 per cent of that year's tuition fee for their programme.)

Please note: you will not pay a fee to the host university while abroad, but you will be expected to cover your accommodation and living costs.

PSYCHOLOGY

Psychology is the scientific study of mental processes and behaviour. We teach and research the psychology of humans and animals: its evolution, its failures (psychopathology) and its triumphs (well-being). Our Psychology degree programme has an emphasis on the biological and neuroscientific perspective, which sets us apart from many other psychology departments.

Accredited by the British Psychological Society (BPS), Psychology at QMUL is taught at the School of Biological and Chemical Sciences (SBCS) and builds on the School's expertise in animal behaviour and neuroscience. In addition to occupational, cognitive and clinical psychology, you will be taught about evolutionary genetics, behavioural ecology and animal cognition.

Why study psychology?

At QMUL, our approach to psychology is based on the simple observation that the brain, the seat of human and animal mind and behaviour, has evolved and therefore must reflect facets of biological processes. This emphasis on the biological and neuroscientific perspective differs from many other psychology degrees, which are often based within social science departments. Our degree prepares you for further study and careers in both the biological/medical sciences and the social sciences and humanities.

External examiners and stakeholders have praised the quality of our teaching: our Psychology programme was awarded one of the highest number of commendations from the British Psychological Society (BPS) and external reviews of the Psychology group described our research

Our Psychology programme was awarded one of the highest number of commendations from the British Psychological Society (BPS)

HIGHLIGHTS

- Our world-class expertise in psychology, combined with research in animal behaviour and neuroscience, uniquely equips you for further study and careers in both the biological/medical sciences and the social sciences and humanities.
- A vibrant research culture and inspirational teaching.
- Our Psychology BSc is accredited by the British Psychological Society (BPS) as conferring eligibility for the Graduate Basis for Chartered Membership (GBC).



and teaching as of the highest standard and containing high academic rigour. QMUL is distinguished by high-calibre academic staff who generate a vibrant research culture and produce work that appears in high-impact multidisciplinary journals (for example *Nature*, *Science* and other top-rank scientific journals).

Teaching

Our programmes involve a mixture of classroom activities and laboratory work. Most material is delivered via lectures, backed up with small group tutorials and workshops, where you have the opportunity to go through problems and practise past exam papers.

A typical weekly workload would be:

- eight one-hour lectures
- nine–12 hours of practical laboratories or workshops
- 18–20 hours of private study/coursework.

Assessment

For all programmes you must take 120 credits (normally eight modules) in each academic year. Each module is assessed through theory examinations (typically 75–80 per cent of the final mark) and coursework (practical reports, field course reports, essays, problem sheets, online exercises and tests). Examinations normally last two and a half hours in your first and second years and three hours in your final year. Final-year students undertake a research project or investigative project worth 15 or 30 credits.

“

Living in London makes you realise the amount of opportunity that is around you. When applying for internships, it feels like you can actually do whatever you like and achieve your goals, as there are so many options

Jella Reblin, Psychology BSc (2016)

”



AND AFTERWARDS...

How can I use my degree?

Many of our psychology graduates pursue a career in clinical psychology, teaching, counselling or working within a laboratory; others transfer their skills into sectors such as marketing, HR, finance or technology. Psychology is a useful basis for a wide range of careers, as it has a big impact on all areas of life, from education and health to the economy and crime.

You will graduate with an impressive array of skills, including:

- high-level numeracy skills
- excellent IT skills
- problem-solving abilities
- reporting skills.

What our graduates do next

The Destination of Leavers from Higher Education survey (DLHE 2015) confirmed that 93 per cent of our full-time, UK-domiciled psychology graduates were in employment and/or study six months after graduation, with the majority already working or studying at graduate level.

The broad range of skills gained through our degree programme, coupled with multiple opportunities for extracurricular activities and work experience, have enabled our students to work with organisations such as:

- Camden and Islington NHS Foundation Trust
- Community Options (mental health charity)
- Homerton University Hospital NHS Foundation Trust
- Lloyds Banking Group
- NHS Blood and Transplant (NHSBT)
- The Red Brick Road (creative agency)
- Look Ahead Care and Support
- King's College Hospital NHS Foundation Trust
- Burgess Autistic Trust
- St George's University Hospitals NHS Foundation Trust

Loa Wamsler

Studied: Psychology BSc

Currently: Counselling Psychologist in Training

What was it like being a student in London?

For a psychology student, I certainly think being in a big city such as London is beneficial. In my case, it meant that opportunities for psychology-relevant volunteering positions, jobs, and other academic institutions for further studies felt within reach. I feel this made it easier to figure out what to do after QMUL.

How did your QMUL qualification help you in your career?

Studying psychology at QMUL helped my career because of the emphasis the programme had on scientific research, which prepared me well for further studies. Moreover, I received excellent support from the QMUL staff with my applications for further studies, not just for my postgraduate course, but also my doctoral application – a whole year after my graduation.

Workshops and events

QMUL runs a series of workshops and events to help you identify your career options, train in recruitment and selection methods and also offers networking opportunities. Events are tailored to students from SBCS and are run by the School's Careers Consultant. In 2016/17, the Careers programme included sessions for individual subject areas, the SBCS Careers Forum (featuring a range of employers and alumni) and workshops on topics such as graduate entry into medicine and finding a PhD. We also have a professional mentoring scheme (QMentoring) that you can join.

Employer-led events

You will benefit from over 120 employer-led events per year, from seminars to large fairs. Employers on campus include Accenture, Airbus, AstraZeneca, Bloomberg, the Civil Service Fast Stream, Deutsche Bank, Freshfields Bruckhaus Deringer, HM Treasury, KPMG, Rolls-Royce, Thomson Reuters and Cancer Research UK. You can also access smaller and specialist employers via QRecruit placement schemes, the in-School events programme and our JobOnline site.

Read more about our careers programmes and the range of work experience available on pages 8–17 or at: careers.qmul.ac.uk

PSYCHOLOGY

DEGREE PROGRAMMES

Psychology

C800 BSc (three years)

A-level: AAB including at least one from biology, chemistry, maths, further maths, physics or psychology

IB: 35 overall with 665 in HL subjects including one science subject from biology, chemistry, maths, further maths, physics or psychology

BTEC: Not accepted

This degree will provide you with a broad understanding of psychology as a natural science and offers a biological approach to studying psychology. You will cover the main subject areas of psychology with modules such as Cognitive Psychology, Language Acquisition and Consciousness and Causality, but these will be integrated by QMUL's experimental and biological approach, so you will also study modules such as Animal Behaviour and Cognition, Mammals and Evolution, and Cognitive and Affective Neuroscience. You will be able to conduct a final-year project in one of several areas of psychology, with support and expertise drawn from across the School. Our programme is accredited by the British Psychological Society (BPS). This gives graduates the opportunity to gain Graduate Basis for Chartered Membership (GBC) of the Society and acts as a mark of quality that employers value.

For module information and further details, please visit:
qmul.ac.uk/C800



LIFE SCIENCES RELATED PROGRAMMES

Life sciences are seen internationally as a growing research area and part of a thriving global industry. You may be interested in these other related programmes:

Biomedical Sciences	56
Global Health	153
Genetics	57
Medical Genetics	57
Neuroscience	57

See page 212 for more details or visit: qmul.ac.uk/studylifescience

FIND OUT MORE

Our programmes

qmul.ac.uk/undergraduate/coursefinder

Our academics

sbcs.qmul.ac.uk/people/academicstaff

Fees and funding

qmul.ac.uk/undergraduate/feesandfunding

Admissions

Please apply through UCAS at ucas.com. Your application will be assessed on the basis of your personal statement, UCAS reference, actual grades and predicted grades. Interviews are not usually required.

Academic enquiries

School of Biological and Chemical Sciences

Tel: +44 (0)20 7882 3321/3264

email: sbcs-admissions@qmul.ac.uk

sbcs.qmul.ac.uk

General enquiries

Freephone (UK callers only): 0800 376 1800

Tel (international students): +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

ESSENTIAL INFORMATION

It is a very lively atmosphere, as there is always something going on throughout the university. There are a wide range of exciting social events and volunteering opportunities to suit everyone. Being in the vibrant East End of London serves as a perk for exploring the hidden cultural treasures of London

Madiha Mohammed Hussein, Politics BA (2018)



To book a place on one of
our Open Days, please see:
**[qmul.ac.uk/undergraduate/
open-day](http://qmul.ac.uk/undergraduate/open-day)**



ESSENTIAL INFORMATION

The information in this section is correct at the time of writing (in January 2017) but may change before September 2018. Up-to-date information on fees and financial support can be found at qmul.ac.uk/tuitionfees and qmul.ac.uk/undergraduate/feesandfunding

Student finance: tuition fees, loans and bursaries

Our tuition fees (for UK and EU students)

QMUL's tuition fees for 2017 were £9,250 per year for all degree programmes (for UK and EU students). Please note, these fees are subject to change for 2018, are expected to rise in line with inflation and will be subject to government approval; for the most up-to-date information, visit: qmul.ac.uk/tuitionfees

Remember, if you choose to access the government's student finance tuition fee loan, you do not have to pay your tuition fees upfront. The arrangements for repaying your loans have been designed to make higher education as affordable as possible. You can find out more about this further on in this section.

Expert advice and support on how to fund your studies

You are very welcome to make use of our Advice and Counselling Service for individual, confidential advice about your eligibility for funding, planning your budget, applying for student finance or any other financial or practical issue – even before you start your course. See page 240 for full contact details or visit:

welfare.qmul.ac.uk

Our tuition fees (for international students)

For information on our international tuition fees, see qmul.ac.uk/international/international-students/tuitionfees

For details on the UK Home Office's funding requirements, see: welfare.qmul.ac.uk/international

Your fee status: UK/EU or overseas

Unsure if you will be classed as a UK, EU or international fee-paying student? The Admissions Office will assess your fee status as part of the admissions process to determine which level of tuition fee you will pay. For information about home fee eligibility, please see: welfare.qmul.ac.uk/international/tuition-fee-status-will-i-pay-home-or-overseas-rate-tuition-fee

Student finance for UK and EU students

The government's student finance package is made up of the following components:

- tuition fee loan
- maintenance loan
- supplementary grants (eg if you have children).

Students who are UK residents should apply as early as possible to Student Finance England (or the equivalent in Wales, Scotland or Northern Ireland), who will determine your eligibility. If you are a non-UK national of the European Union, you may be able to apply to Student Finance England for a tuition fee loan, but details are not confirmed at time of writing. For information about your eligibility for student finance, and what funding you are eligible for, according to your household income and personal circumstances, see:

welfare.qmul.ac.uk/money

Tuition fee loans and maintenance loans

A tuition fee loan will cover the cost of your tuition fees, so you will not have to pay your tuition fees upfront; this is not income-assessed.

A maintenance loan is money to help you pay for your living costs. The amount of maintenance loan you get depends on an income assessment, and on whether you live at home or away from home.

You will not have to start repaying your tuition fee or maintenance loan until the April after you graduate and are earning at least £21,000 a year (2016/17 figures). Income-related repayments will be deducted automatically from your pay through the tax system (at nine per cent of income above £21,000, as of 2016/17).

For the most up-to-date information, see:

welfare.qmul.ac.uk/money and gov.uk/student-finance

Supplementary grants

Supplementary grants are to assist with additional needs, such as costs relating to dependent children or a disability. Your eligibility for supplementary grants will be assessed when you apply to Student Finance England (or the equivalent in Wales, Scotland or Northern Ireland). For the most up-to-date information, please see: welfare.qmul.ac.uk/money and gov.uk/student-finance



For details of our generous bursaries and scholarships, please visit: qmul.ac.uk/undergraduate/feesandfunding

Financial Assistance Fund

The Financial Assistance Fund can help students with living costs as well as sudden financial emergencies. You do not normally have to repay a payment from the Fund. The amounts available to students are strictly limited, and the Fund can in no way be regarded as a substitute for other finance. For the most up-to-date information on the Fund, see: arcs.qmul.ac.uk/students/finances/bursaries-grants-scholarships

Scholarships and bursaries

For details of QMUL's bursaries and scholarships, see: qmul.ac.uk/undergraduate/feesandfunding/bursaries

Living costs

Depending on your lifestyle, living in London away from home for an academic year tends to cost most UK (home) students at least £12,500 (2016/17 figures). Please note that it will cost more for a full 52 weeks. You may be able to lower your costs by returning home for vacations, or you may supplement your income by working. Please refer to the financial support section for information on available funding. For more detailed information about costs, money-saving tips, how to prepare a budget and student finance, see: welfare.qmul.ac.uk/money

Tuition fees and additional costs

The tuition fee covers tuition, registration, examinations and membership of the Students' Union. You will be required to pay for your own course materials, such as textbooks and laboratory coats. If you are attending field trips or language courses away from QMUL, you may be required to pay part or all of the cost.

Self-funded or part-sponsored students will be required to show evidence that they have been awarded a tuition fee loan or settle their personal fee liability prior to enrolment. Students have the option to pay by instalments; please refer to the Tuition Fee Regulations qmul.ac.uk/tuitionfees for further information.

Entry requirements

You will find our entry requirements under each programme heading throughout the prospectus. These are correct at the time of writing (January 2017) and may be subject to change before September 2017. We strongly recommend that you check our online course finder at qmul.ac.uk/undergraduate before applying.

We publish entry requirements for A-level and the International Baccalaureate, as these are the most common qualifications our applicants have. You will also find information about whether we accept BTEC qualifications in our programme entries.

International qualifications

Our students come from over 162 countries and we accept a wide range of international qualifications in addition to A-levels, the International Baccalaureate and BTEC qualifications. You can find out more about how we assess the equivalence of your qualification by consulting our dedicated pages for international students: qmul.ac.uk/international/international-students/countries

English language requirements

We expect all students to have a good standard of English in order to successfully study on a course. The minimum English language requirement is GCSE grade C or 4, though the requirements for some courses may be higher. Please refer to the web pages for full details of the course English requirements and acceptable alternative qualifications: qmul.ac.uk/international/languagerequirements

Required subjects

Many of our programmes require particular subjects and we have specified these in our programme entries. In some cases we also specify a minimum grade. While we do not normally specify preferred subjects, we recommend that you consult the Russell Group Informed Choices publication to help you assess the suitability of the subjects you are taking for your chosen degree-level programme. Our Admissions team is also happy to advise you before you make an application: admissions@qmul.ac.uk

Excluded subjects

Some of our programmes do not accept General Studies or Critical Thinking, and others may exclude Use of Mathematics. You can find full details of the subjects excluded for each programme in our online course finder: qmul.ac.uk/undergraduate

ESSENTIAL INFORMATION

A-level and AS-levels

For students taking three or more A-levels, all our offers will be expressed in terms of three A-level grades. Unless you are applying for medicine or dentistry and started your A-levels before September 2015, any AS-levels you are taking in addition to A-levels will not be considered when we decide whether to make you an offer or not. If you are taking science A-levels in England you will normally be asked to achieve pass in the practical element, in addition to the overall A-level grade.

GCSE

We normally expect you to have achieved grades A*–C or 9–4 in at least five subjects, including English. Some programmes have specific higher requirements and we have included this information in the programme entry. You can find further details about our typical GCSE requirements, as well as how we map grades A*–C to the 9–1 scale in our online course finder:

qmul.ac.uk/undergraduate

Extended Project Qualification (EPQ)

The EPQ enables you to explore a topic in depth and to develop academic skills that will provide a strong foundation to support your transition to university. We welcome applications from students with an EPQ and may make you an alternative offer which includes a specific grade in the EPQ in addition to three A-level grades. However, we recognise that the option to take an EPQ may not be available to all our applicants and will ensure that you experience no disadvantage as a consequence of your school or college's curriculum policies.

Core Mathematics qualifications

We welcome the introduction of the new Core Mathematics qualifications and believe they will be beneficial to students wishing to study social science subjects that may involve the use of applied mathematical skills, such as business management, geography and politics.

International Baccalaureate (IB)

Offers to students taking the IB Diploma will normally be expressed in terms of an overall points score out of 45 and will specify the points you should achieve in three Higher Levels (HLs). We may specify HL grades in particular subjects and, in some cases, a minimum grade in Standard Level (SL).

BTEC Level 3 Diplomas

Our entry requirements at programme level state where the BTEC National Extended Diploma is accepted on its own, where an additional A-level is needed or where the qualification is not accepted at all. On an individual basis, we may also consider other National Diplomas and the National Extended Certificate in combination with relevant A-levels. You can further details at: qmul.ac.uk/undergraduate/entry

Combined qualifications

If you are taking a combination of qualifications at level 3, we will consider your academic profile and may make offers on a case-by-case basis. You are advised to contact the Admissions team (admissions@qmul.ac.uk) before making an application so that we can give individual advice.

Access to HE Diplomas

We accept the QAA Access to HE Diploma for admission to most of our programmes and will specify a minimum number of credits at Merit and/or Distinction in a relevant subject. You can find more detailed information at: qmul.ac.uk/undergraduate

Contextualised admissions

We consider every application on its individual merits and will take into consideration your individual educational experience and context. For more information on how academic schools and programmes use this information as part of the admissions process, please see the programme web pages: qmul.ac.uk/undergraduate



How to apply

Applying online at ucas.com

For all full-time programmes, you must apply online at ucas.com. The institution code for QMUL is Q50.

There are three types of applicant:

1 Students at a school or college registered with UCAS

All UK schools and colleges (and many establishments overseas) are registered with UCAS to manage their students' applications. Advice is available from your teacher or a careers adviser at your school or college. You fill in an online application and submit it to a member of staff. After checking your details, and having added the academic reference, your school or college submits the completed application online to UCAS. You pay online using a credit card or debit card. You may also be able to pay through your school or college.

2 Independent applicants in the UK

Other UK applicants, who are not at school or college, apply online via UCAS independently. You are responsible for paying the application fee, for obtaining and attaching the academic reference and for submitting the application.

3 International applicants outside the UK (EU and worldwide)

Except for those whose school or college is registered with UCAS, individuals from the EU (excluding the UK) and worldwide apply online via UCAS independently. Advice is available from our International Office, British Council offices, your school or college or one of our overseas representatives.

Timing

UCAS will start receiving applications from September 2017 for entry in autumn 2018. Our Admissions Office normally starts issuing offers to applicants from mid-October.

Deadlines

UK- and EU-based applicants – 15 January 2018, although, at their discretion, institutions may consider applications received up until 30 June 2018.

International applicants (outside the EU)

Applications must be made before 30 June 2018. Early application is highly recommended.

Medical and dental students

The closing date for applications to medicine and dentistry is 15 October 2017. The institution code for Medicine A100 and Dentistry A200 is Q50, and applicants must enter a campus code 'W' on the UCAS application form for these programmes only. For more information, see: smd.qmul.ac.uk

Study Abroad (Associate) students

For information on opportunities to study for one or two semesters at QMUL as an Associate student, see: qmul.ac.uk/international/studyabroad

Transfer and advanced entry

Subject to the policy of the School concerned, it may be possible for students to join undergraduate degree programmes at the beginning of the second year of a three- or four-year degree programme or, sometimes, the beginning of the third year of a four-year programme. If you are applying for advanced entry on the basis of a post-A-level qualification, such as the BTEC HND, you should apply via UCAS in the usual way. If you wish to transfer your degree studies from another UK higher education institution, you will be considered on the basis of your original A-level or equivalent qualifications, current syllabus, academic references and results. We normally expect you to have achieved a 2.1 standard on your current programme. Applications must be submitted via UCAS. The Admissions team is happy to advise you (admissions@qmul.ac.uk).

Equality, diversity and inclusion

Our community is drawn from all over the world. Queen Mary University of London was founded on an ethos of tolerance, freedom of opinion, and community service. Today, as a diverse community, we remain committed to promoting equality, diversity and inclusion on grounds of age, disability, gender, pregnancy or relationship status, race, religion or belief, sexual orientation or transgender status.

To find out more about our work and our commitment to equality and diversity, see: hr.qmul.ac.uk/equality

A–Z OF STUDENT SERVICES

Admissions

Freephone (UK callers only): 0800 376 1800
Tel: +44 (0)20 7882 8478 (Medicine and dentistry)
email: smdadmissions@qmul.ac.uk
Tel: +44 (0)20 7882 5511 (All other subject areas)
email: admissions@qmul.ac.uk

Advice and Counselling Service

Tel: +44 (0)20 7882 8717
email via website
welfare.qmul.ac.uk

Alumni

Development and Alumni Directorate
Tel: +44 (0)20 7882 7790
email: alumni@qmul.ac.uk
qmul.ac.uk/alumni

Careers and Enterprise

The Careers and Enterprise Centre
Tel: +44 (0)20 7882 8533
email: careers@qmul.ac.uk
careers.qmul.ac.uk

Disability and Dyslexia Service

Tel: +44 (0)20 7882 2756
Fax: +44 (0)20 7882 5223
email: dds@qmul.ac.uk
dds.qmul.ac.uk

Eating on campus

For details of all our venues,
please visit: catering.qmul.ac.uk

Entry requirements

For information, please see:
qmul.ac.uk/undergraduate/entry

For information about the entry requirements
for international students, please email:
international-office@qmul.ac.uk

Equality, Diversity and Inclusion

Tel: +44 (0)20 7882 5519
email: hr-equality@qmul.ac.uk
hr.qmul.ac.uk/equality

Faith

www.faith.qmul.ac.uk

Health Service

Student Health Service (SHS)
studenthealth.qmul.ac.uk

Housing Services

Tel: +44 (0)20 7882 6474
email: residences@qmul.ac.uk
residences.qmul.ac.uk

International students (including EU)

International Office
Tel: +44 (0)20 7882 6530
email: internationaloffice@qmul.ac.uk
qmul.ac.uk/international/international-students

IT Services

IT Helpdesk
Tel: +44 (0)20 7882 8888
email: its-helpdesk@qmul.ac.uk
its.qmul.ac.uk

Language Learning

The Language Centre
Tel: +44 (0)20 7882 2826/2827
language-centre.sllf.qmul.ac.uk

Learning Development

email: learningdevelopment@qmul.ac.uk
learningdevelopment.qmul.ac.uk

Library

Tel: +44 (0)20 7882 8800
email: library@qmul.ac.uk
library.qmul.ac.uk

Mature students

Head of Outreach and
Widening Participation
Directorate of Marketing and Communications
Tel: +44 (0)20 7882 3733
email: a.setright@qmul.ac.uk

Music

email: music@qmul.ac.uk
music.qmul.ac.uk

Nursery

Max Moorcock or Karen McDowell
Early Years Management team
Tel: +44 (0)20 7882 2782/90
email: nursery@qmul.ac.uk
nursery.qmul.ac.uk

Occupational Health Service (OHS)

Tel: +44 (0)20 7882 8700
Fax: +44 (0)20 7882 7053
www.ohs.qmul.ac.uk

Open Days

qmul.ac.uk/undergraduate/penday

Security Service

security.qmul.ac.uk

Student Enquiry Centre

arcs.qmul.ac.uk/students

Students' Union

Qmotion Health and Fitness Centre
qmsu.org/qmotion

For information about all of our Students' Union
catering outlets, visit: qmsu.org

Advice and advocacy
qmsu.org/advice/academic

External organisations

Student Central
studentcentral.london

The National Union of Students (NUS)
nus.org.uk

Study Abroad

International Office
Tel: +44 (0)20 7882 6530
email: study-abroad@qmul.ac.uk
qmul.ac.uk/international/studyabroad

Widening participation

Head of Outreach and Widening Participation
Tel: +44 (0)20 7882 3733
email: wp-enquiries@qmul.ac.uk
qmul.ac.uk/wp

TERM DATES

The term dates for the academic year
2018/19 are:

- Semester 1:
17 September – 14 December 2018
- Semester 2: 7 January – 29 March 2019
- Revision week: 23 April – 26 April 2019
- Exam period: 29 April – 7 June 2019



MEET US

Campus tours

The best way to find out more about QMUL is to come and see for yourself. We organise campus tours throughout the year. These are informal and restricted to small groups so everyone has the chance to ask questions. They are a great way of finding out about living and studying here and normally last about one hour. You will be shown around by a current student.

To book yourself on to a campus tour, please see: qmul.ac.uk/undergraduate/openday/cant-make-it/campustours

You can also take a virtual tour of our campus: qmul.ac.uk/virtualtours

Open Days

We hold three Open Days each year. The next Open Days will be held on Friday 23 June, Saturday 24 June 2017 and Saturday 7 October 2017. Our Open Days include a range of activities, including campus and facility tours, subject talks, taster lectures and demonstrations, plus the chance to talk to our academics and students. All are welcome to attend, along with parents and friends. To book a place on an Open Day, please see: qmul.ac.uk/undergraduate/openday

QMUL will also be attending a number of UCAS conventions. Go to qmul.ac.uk/undergraduate/he-fairs-and-events to find out when we'll be visiting a city near you.

UK Student Recruitment

The UK Student Recruitment team offers a variety of services to schools and colleges, teachers, careers advisers and parents. Services include: school and college talks for students, parents and teachers; attendance at careers and higher education fairs; co-ordinating visits by students, teachers and careers advisers to QMUL; organising campus tours; and acting as a link between academics and teachers and careers advisers in the wider community. We also organise the QMUL Open Days.

Additionally, our webpages for parents, teachers and careers advisers offer useful publications in pdf format, including our *Parents' Guide to Higher Education*. For more information, please see qmul.ac.uk/teachers

Contact us

Tel: +44 (0)20 7882 3064

Fax: +44 (0)20 7882 3158

email: ukstudentrecruitment@qmul.ac.uk

qmul.ac.uk/undergraduate/teachers/ukstudentrecruitment

Widening Participation Office

The Widening Participation Office runs a range of activities designed to raise aspirations and achievement, including Summer Schools, revision classes and visits by student ambassadors.

Head of Outreach and Widening Participation
Directorate of Marketing and Communications

Tel: +44 (0)20 7882 3733

email: wp-enquiries@qmul.ac.uk

qmul.ac.uk/wp

International Office (including EU)

The International Office team welcomes enquiries from European and international students. We have staff based in London, Beijing, Delhi and Lahore, all of whom travel extensively throughout the year, meeting prospective students to discuss their study options. For details of these events, please see: qmul.ac.uk/international/international-students/events

Tel: +44 (0)20 7882 6530

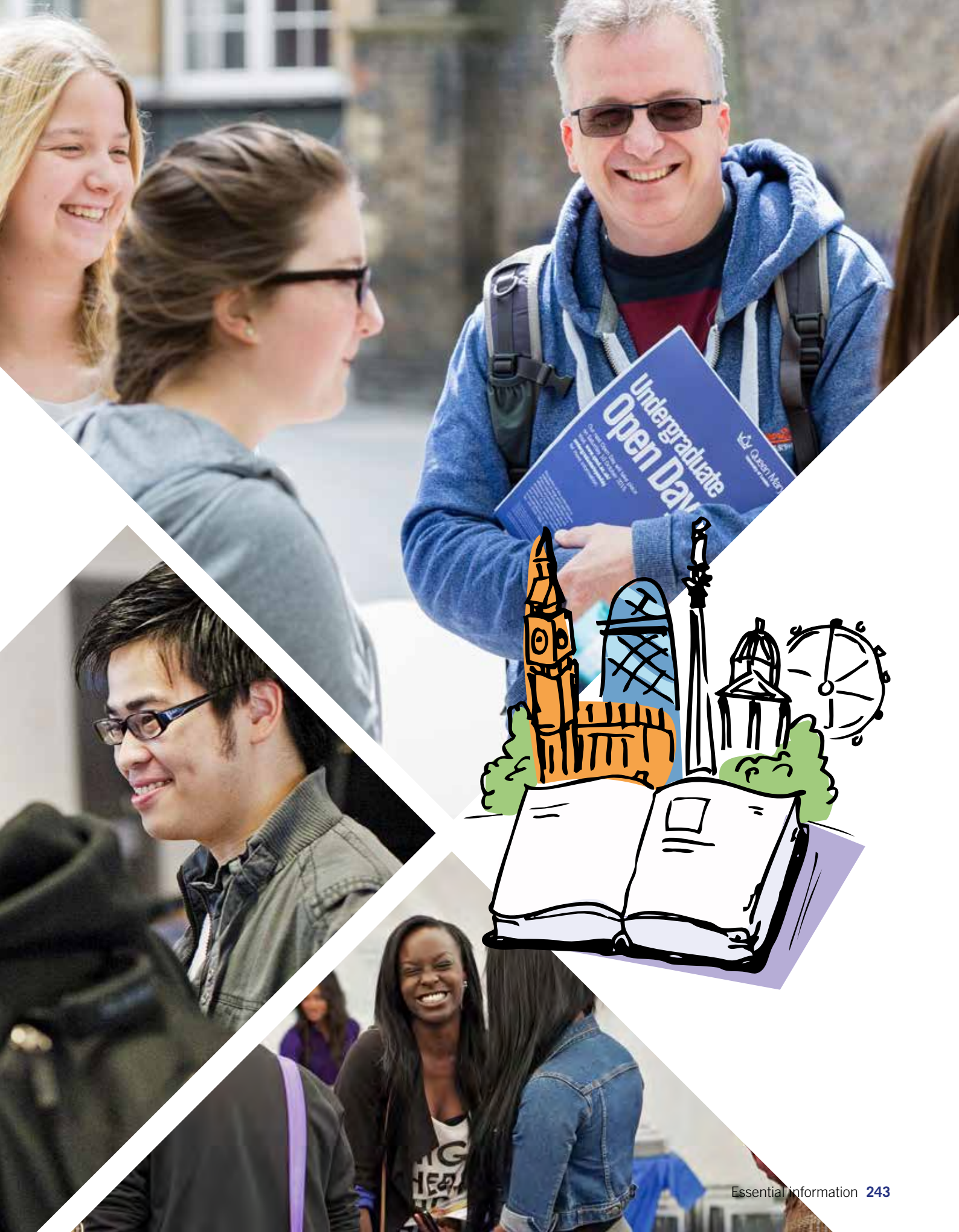
email: internationaloffice@qmul.ac.uk



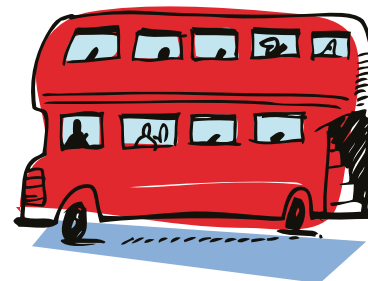
facebook.com/qmulinternationaloffice

qmul.ac.uk/international

Take a virtual tour of
our campus: [qmul.ac.uk/
virtualtours](http://qmul.ac.uk/virtualtours)



VISIT US



Whether you're flying in from overseas, travelling across the UK or commuting across the city, our campuses are in central and east London, which means we are very well connected to the capital's public transport system.

Here's some key information to help you find your way to us:

Mile End campus

(Faculties of Humanities and Social Sciences and Science and Engineering – main centre)

- Postcode: E1 4NS
- Nearest Tube: Stepney Green (Hammersmith and City line and District line) and Mile End (Central line); London travel Zone 2
- Nearest mainline train stations: London Liverpool Street, Stratford International
- Nearest Docklands Light Railway (DLR): Limehouse or Bow Church
- Buses: Nos. 25, 205, 339
- Cycling: Located on Cycle Superhighway 2 (CS2); cycle parking on campus

Whitechapel campus

(School of Medicine and Dentistry – main centre)

- Postcode: E1 2AD
- Nearest Tube: Whitechapel (Hammersmith and City line, District line and London Overground); London travel Zone 2
- Nearest train station: London Liverpool Street
- Nearest Docklands Light Railway (DLR): Shadwell
- Buses: Nos. 25, 106, 205, 254, D3
- Cycling: Located on Cycle Superhighway 2 (CS2); cycle parking on campus

Charterhouse Square campus

(School of Medicine and Dentistry)

- Postcode: EC1M 6BQ
- Nearest Tube: Barbican (Circle line, Hammersmith and City line, Metropolitan line); London travel Zone 1
- Nearest mainline train station: Farringdon
- Buses: Nos. 4, 56, 153
- Cycling: Cycle parking on campus

Student travel information

For information about discounted travel, travel planning, the Santander bike-sharing scheme and safety, please visit the Transport for London (TfL) website: tfl.gov.uk

To read more about cycling and sustainability at QMUL visit: qmul.ac.uk/about/sustainability/cycling

Students with disabilities

Students displaying an authorised blue disabled sticker (who have applied for, and received, a QMUL parking permit) can park on campus. Our Disability and Dyslexia Service are available to help: Tel: +44 (0)20 7882 2756.

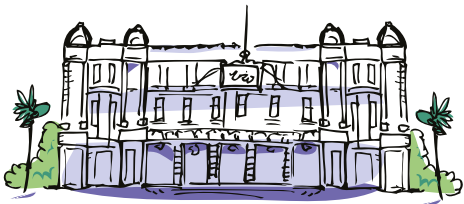
Note: Parking is not available at any of our campuses for general visitors.



To plan your journey, visit:
tfl.gov.uk

MILE END CAMPUS

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



Educational/Research

ArtsOne	37
ArtsTwo	35
Arts Research Centre	39
Bancroft Building	31
Bancroft Road Teaching Rooms	10
Peter Landin Building (Computer Science)	6
Engineering Building	15
G.E. Fogg Building	13
G.O. Jones Building	25
Geography	26
Informatics Teaching Laboratories	5
Joseph Priestley Building	41
Library	32
Law	36
Lock-keeper's Cottage	42
Occupational Health and Safety Directorate	12
The People's Palace/Great Hall	16
Queens' Building	19
Scape Building	64
Temporary Building	61
Graduate Centre	18

Residential

Albert Stern Cottages	3
Albert Stern House	1
Beaumont Court	53
Chapman House	43
Chesney House	45
Creed Court	57
France House	55
Feilden House	46
Hatton House	40
Ifor Evans Place	2
Lindop House	21
Lodge House	50
Lynden House	59
Maurice Court	58
Maynard House	44
Pooley House	60
Selincourt House	51
Varey House	49

Facilities

Advice and Counselling Service	27
Housing Hub	48
Bookshop	22
Careers Centre	19
Clock Tower	20
CopyShop	56
The Curve	47
Disability and Dyslexia Service	31
Drapers' Bar and Kitchen	8
Canalside	63
Ground Café	33
The Hive	24
Infusion	9
IT Services	19
Mucci's	29
Occupational Health Service/ Student Health Service	28
Octagon	19a
Portering and Postal Services	17
Qmotion Health and Fitness Centre	7
Sports Hall	62
Santander Bank	38/54
Security	23
St Benet's Chaplaincy	34
Students' Union Hub	19
Student Enquiry Centre	52
Village Shop	11
Westfield Nursery	11

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 this 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

Engineering Building construction site

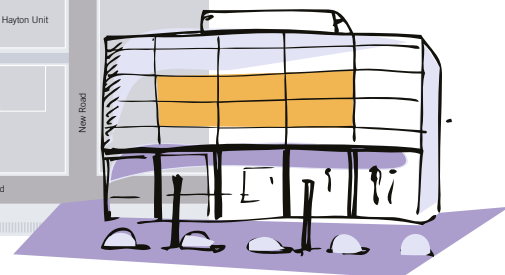
14



WHITECHAPEL CAMPUS

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

Educational/Research	Residential	Facilities	Information
Hospital Buildings Royal London Hospital A Pathology and Pharmacy Building B The Royal London Dental Hospital C	Floyer House 10 Varden Street 11	Beigal Bunnies (R) 1 Library (L) 2 Nucleus (R) 6 Post Room 4 Security 1 Students' Union Griff Inn (R) 3	Information Smoking is prohibited on campus. Electronic cigarettes permitted on College Campus outside spaces only . These premises are alarmed and monitored by CCTV; please call Security on +44 (0)20 7882 5000 for more information.
College Buildings Garrod Building 1 Library 2 Students' Union 3 Abernethy Building 4 Queen Mary Innovation Centre 5 Blizzard Building and Centre of the Cell 6 Wingate Building 7 Yvonne Carter Building 8 64 Turner Street 9			Key Library/bookshop (L) Refreshment: Bar/Eatery/Coffee place (R) Bicycle parking (B)



CHARTERHOUSE SQUARE CAMPUS

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

Educational/Research	Residential	Facilities	Information
John Vane Science Centre 1	Dawson Hall 4	The Shield (R) 4	Smoking is prohibited on campus.
Wolfson Institute of Preventative Medicine 2		Gym (b) 4	Electronic cigarettes permitted on outside spaces only .
The William Harvey Heart Centre 3		Post Room 1	These premises are alarmed and monitored by CCTV; please call Security on +44 (0)20 7882 5000 for more information.
Dawson Hall 4		Security 4	
Joseph Rotblat Building 5			
Old Anatomy Building 6			
Dean Rees House 7			
Lodge House 8			

Key

- (b) Fitness centre
- (R) Refreshment: Bar/Coffee place
- (P) Staff car park
- (bicycles) Bicycle parking



DEGREE PROGRAMME INDEX

A

Accounting and Management BSc	63
Aerospace Engineering BEng, MEng, with Industrial Experience	125
Astrophysics BSc, MSci	217

B

Biochemistry BSc, MSci, with a Year in Industry/Research	55, 69
Biology BSc	55
Biomaterials for Biomedical Sciences BSc, MSci, with Industrial Experience	194
Biomedical Engineering BEng, MEng, with Industrial Experience	126
Biomedical Sciences BSc	56
Business Management BSc	63

C

Certificate in Clinical Foundation Studies Malta (CCFSM)	49
Chemical Engineering BEng, MEng, with Industrial Experience	125
Chemistry BSc, MSci, with a Year in Industry/Research	69, 70
Comparative Literature BA	77
Comparative Literature and Film Studies BA	77, 140
Comparative Literature and Linguistics BA	77, 189
Computer Science BSc, MSci, BSc with Industrial Experience	83
Computer Science with Business Management BSc, with Industrial Experience	84
Computer Science with Business Management and Accounting BSc, with Industrial Experience	84
Computer Science and Mathematics BSc, with Industrial Experience	84
Computer Science and Multimedia BSc, with Industrial Experience	83
Computer Systems Engineering BEng, MEng, with Industrial Experience	85, 117
Creative Computing BSc(Eng), with Industrial Experience	97

D

Dental Materials BEng, MEng, with Industrial Experience	193
Dentistry BDS	91
Design, Innovation and Creative Engineering BEng, MEng	95
Drama BA	103

E 

Economics BSc(Econ)	109
Economics and Finance BSc(Econ)	109
Economics and Finance with a Year in Industry BSc(Econ)	110
Economics and International Finance BSc(Econ)	111
Economics and Politics BSc(Econ)	111, 226
Economics, Finance and Management BSc(Econ)	110
Economics, Statistics and Mathematics BSc(Econ)	111
Electrical and Electronic Engineering BEng, BEng with Industrial Experience	117
Electronic Engineering BEng, with Industrial Experience	118
Electronic Engineering and Telecommunications BEng, MEng, with Industrial Experience	118
English BA	133
English and Creative Writing BA	133
English and Drama BA	103, 134
English and European Law LLB	183
English and Film Studies BA	135, 140
English and French BA	134, 175
English and German BA	134, 175
English and Hispanic Studies BA	134, 175
English and History BA	133, 160
English and Russian BA	134, 175
English Language and Linguistics BA	188
English Literature and Linguistics BA	134, 188
Environmental Science BSc	56, 147
Environmental Science with Business Management BSc	147

DEGREE PROGRAMME INDEX

F

Film Studies BA	139
Film Studies and Drama BA	103, 140
Film Studies and French BA	139, 174
Film Studies and German BA	139, 174
Film Studies and Hispanic Studies BA	139, 174
Film Studies and Russian BA	139, 174
Financial Mathematics MSci	201
Foundation programmes	46–49
French BA	171
French and Comparative Literature BA	78, 173
French and Drama BA	105, 176
French and German BA	172
French and Hispanic Studies BA	172
French and History BA	159, 175
French and Linguistics BA	174, 188
French and Politics BA	176, 227
French and Portuguese BA	172
French and Russian BA	172
French Studies BA	177
French with Business Management BA	173

G

Genetics BSc	57
Geography BA, BSc	145
Geography with Business Management BSc	146
German BA	171
German with Business Management BA	171
German and Comparative Literature BA	78, 173
German and Drama BA	105, 176
German and Hispanic Studies BA	172
German and Linguistics BA	174, 188
German and Politics BA	176, 227
German and Russian BA	172
Global Health BSc	153

H

Hispanic Studies BA	171
Hispanic Studies and Catalan BA	172
Hispanic Studies and Comparative Literature BA	78, 173
Hispanic Studies and Drama BA	105, 176
Hispanic Studies and Linguistics BA	174, 188
Hispanic Studies and Politics BA	174, 227
Hispanic Studies and Portuguese BA	172
Hispanic Studies and Russian BA	172
Hispanic Studies with Business Management BA	173
History BA	158
History and Comparative Literature BA	78, 160
History and Film Studies BA	141, 158
History and German BA	159, 175
History and Politics BA	159, 227
Human Geography BA	146

I

Information Technology Management for Business (ITMB) BSc(Eng), with Industrial Experience	165
International Foundation Programme in Business and Management	46
International Foundation Programme in Humanities and Social Sciences	46
International Relations BA, with a Year Abroad	225, 226
International Science and Engineering Foundation Programme	48

L

Law LLB	181
Law and Politics BA	181, 228
Law: Senior Status LLB	181
Law with History LLB	161, 183
Linguistics:	
– Comparative Literature and ... BA	77, 189
– English Language and ... BA	189
– English Literature and ... BA	134, 188
– French and ... BA	174, 188
– German and ... BA	174, 188
– Hispanic Studies and ... BA	174, 188
– Russian and ... BA	174, 188

Marketing and Management BSc	63
Materials and Design BEng, with Industrial Experience	95
Materials Science and Engineering BEng, BSc, MEng, with Industrial Experience	193
Mathematics BSc, MSci	199, 201
Mathematics and Statistics BSc	199
Mathematics, Business Management and Finance BSc	200
Mathematics, Statistics and Financial Economics BSc	201
Mathematics with Actuarial Science BSc, with Professional Placement	200
Mathematics with Business Management BSc	200
Mathematics with Finance and Accounting BSc	201
Mathematics with Statistics MSci	203
Mechanical Engineering BEng, MEng, with Industrial Experience	126
Medical Genetics BSc	57
Medicine MBBS	207
Medicine (Graduate Entry Programme) MBBS	207
Medicine (Malta) MBBS	208
Medieval History BA	158
Modern and Contemporary British History BA	158

Neuroscience BSc 57

Pharmaceutical Chemistry BSc, MSci with a Year in Industry/Research	70, 71
Pharmacology and Innovative Therapeutics BSc	58, 71
Physics BSc, MSci	217
Physics with Particle Physics BSc, MSci	219
Politics BA, with a Year Abroad	225, 226
Politics and International Relations BA	225
Politics with Business Management BA	226
Psychology BSc	233
Pure Mathematics BSc	199

Robotics Engineering BEng, MEng, with Industrial Experience	119, 127
Russian BA	172
Russian with Business Management BA	173
Russian and Comparative Literature BA	78, 173
Russian and Drama BA	105, 176
Russian and Linguistics BA	174, 188
Russian and Politics BA	176, 227

Science and Engineering Foundation Programme	48
Software Engineering for Business BSc, with Industrial Experience	85
Sustainable Energy Engineering BEng, MEng. with Industrial Experience	127

Theoretical Physics BSc, MSci 219

Zoology BSc 59

GENERAL INDEX

A

Accommodation	30–31, 35
Accreditation	10
Advice and Counselling Service	32,
Architecture	22
Apply, How to	239

B

Buddy Scheme, Students' Union	28
Bursaries	35, 237
Buttle UK support	32

C

Campus maps	246–248
Campus tours	242
Careers and Enterprise Service	8–13
Charterhouse Square campus map	248
Contacts: Student Services	240–241
Counselling	32

D

Deadlines, Application	239
Disability and Dyslexia Service	32
Diversity	239

E

East London	16–19
Employability	10, 11
English language support	35
Entrepreneurship	6, 12
Entry requirements	237–238
Equality	239
Erasmus+ Exchange Programme	38

F

Facilities	4
Faith	32
Finance	236–237
Financial Assistance Fund (FAF)	237
Food and drink	23, 24, 28
Foundation programmes	35, 46–51
Funding	236–237

G

Graduate Centre	4, 22
Graduate salary, Average	5, 10, 11
Grants (see also Scholarships, and Bursaries)	236

H

Health Services, Student	32
--------------------------	----

I

Industrial experience	12
Innovative learning	6–7
International Exchange Programme	36
International students	35, 236, 237
International Partner Summer School Programme	39
Internships	10, 12
IT Services	32

L

Language Centre	32
Language learning	12, 33
Learning development	32
Library Services	32
Living costs	237
Loans, Tuition Fee	236
Location	4, 8, 16, 14–19
London	14–19





Accessible formats

Any section of this publication is available upon request in accessible formats (large print, audio, etc). For further information and assistance, please contact: The Diversity Team,
Tel: +44 (0)20 7882 5585/5519
email: hr-equality@qmul.ac.uk

Accredited by the



Terms and conditions

1 Rules and regulations

The offer of, and acceptance of, a place at QMUL 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

QMUL will aim to deliver your programme so that it closely matches the way in which it has been described to you by QMUL 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 QMUL 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 QMUL. We will also ensure that these changes are reflected on our website as soon as possible.

3 Liability for damage to person or property

QMUL 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 QMUL equipment, or owing to students not taking due care while on QMUL premises, or engaged in QMUL activities.

4 Accuracy of information in this prospectus

QMUL 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 QMUL 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



MIX
Paper from
responsible sources
FSC® C020837

This prospectus was manufactured using UPM Fine Offset sourced from an ISO 14001 certified mill, where the pulp was bleached using an Elemental Chlorine Free (EFC) process. The materials followed a Chain-of-Custody scheme, ensuring traceability back to a responsibly managed forest.

For the 2018 edition of our undergraduate prospectus, we wanted to showcase the experiences of our current students to help give you an idea of what makes Queen Mary such a bright and vibrant place to study. A group of our undergraduates worked with acclaimed artist Eleanor Beer to bring their QMUL stories to life.



Eleanor Beer,
illustrator
eleanorbeer.com

Eleanor says:

“I was excited and honoured to be asked to illustrate the 2018 QMUL cover, and to have a chance to work closely with staff and students at the university. We used a method of visual scribing whereby I spent time listening to the students’ experiences at QMUL, distilled the information down and then translated our conversations into live-drawn visuals for all to see. This kind of visual documentation helped us to explore a wealth of wonderful, shared memories. It also helped us to create a unique narrative that I had the pleasure of being able to convert into exciting and lively illustrations for the final prospectus”

Hanyue says:

“It was really nice to hear other students’ opinions about QMUL, and we were all fascinated that our words were transformed into doodles. One of my favourite things about studying here is that my professors are really passionate – their hard work and knowledge inspire me to work harder too”

Hanyue Zhang, Mathematics and Statistics BSc
2018 – student participant

Come and see us

Join one of our Open Days and find out what studying with us is really like.

Our next Open Days are on:

Friday 23 and Saturday 24 June 2017

Saturday 7 October 2017

Visit: qmul.ac.uk/undergraduate/openday

For general undergraduate enquiries:

Freephone: 0800 376 1800

From outside the UK:

Tel: +44 (0)20 7882 8478 (Medicine and dentistry)

email: smdadmissions@qmul.ac.uk

Tel: +44 (0)20 7882 5511 (All other subject areas)

email: admissions@qmul.ac.uk