



Queen Mary, University of London

Undergraduate Prospectus

Entry 2013



Queen Mary
University of London

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Queen Mary, University of London

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Welcome to Queen Mary, University of London

We are one of the UK's leading universities, with world-class academics, inspirational teaching, and a great track record for student employability; we also offer a friendly campus-based lifestyle in the heart of east London.

In today's competitive job market a good degree from a top university like Queen Mary is more important than ever. Spanning the arts and social sciences, medicine and dentistry, and science and engineering, our courses prepare you for professional life by building transferable skills into the curriculum – our graduates are consistently in the top ten for the highest starting salaries in the UK.

But Queen Mary is about more than how much you'll earn – it's about new experiences and people, broadening your outlook, and intellectual discovery. Whether it's law, economics, English, politics, medicine, dentistry, engineering or physics, your course will be interesting, relevant and intellectually stimulating.

Queen Mary graduates go on to a range of rewarding careers, from surgeons and barristers to scientists, teachers and political commentators. We will help you to develop the skills and confidence needed to pursue a fulfilling career that matches your interests.

Our joint honours programmes enable you to build your knowledge in more than one discipline. And our flexible modular degrees mean that you can shape your studies to suit your interests. Many programmes are accredited by professional bodies, often leading to further specialised training opportunities.

Visit us

The best way to get a feel for Queen Mary life is to join us for one of our Open Days. You can explore the campus, meet our friendly tutors and students, and find out how we can support you. For more information, see page 290 or www.qmul.ac.uk/visitus



Our students are very satisfied with their university experience. In fact, among the major universities in London – UCL, King’s, LSE, Imperial, SOAS – we have the joint highest levels of overall student satisfaction (NSS 2011, see page 7).

New fees and our financial support

From September 2012, we will be charging Home and EU undergraduates £9,000 per year. Queen Mary’s roots are in ensuring fair access to education for all – to ensure this remains the case, we have put in place a substantial package of scholarships and bursaries, which will benefit around 50 per cent of our undergraduates. There are also government loans and grants available.

Although higher fees may seem daunting, remember that you do not have to pay anything up front. You will not have to start repaying your tuition fee loan until the April after you graduate and are earning at least £21,000 a year.

We offer a range of scholarships and bursaries, including:

- £1,500 each year for students whose household income is less than £25,000*
- £1,200 each year for students whose household income is between £25,001 and £42,600*
- £3,000 per year Excellence Scholarships in science, engineering and modern foreign languages
- As part of the National Scholarship Programme over 250 students from low-income backgrounds will receive a £3,000 benefit in their first year. (Awards based on family circumstances and exam results.)
- A Barts and The London Scholarship worth £15,000 a year for up to six years at a time (open to students educated locally – award based on family circumstances, examinations and interview).

For full information on the new fee system and our scholarships and bursaries, see www.qmul.ac.uk/undergraduate/feesandfunding

*And are in receipt of a full or partial higher education maintenance grant.

Inside the Octagon (originally Queen Mary’s library)

Why choose us?

World class

Queen Mary is a world-class university (we were ranked 127th in the world by the *Times Higher Education World University Rankings* in 2011), helping us to attract some of the very brightest minds to study, teach and undertake research here.



Career success

We are focused on ensuring that you graduate with the necessary skills to succeed in your career. It's no coincidence that we are consistently among the top 10 universities for graduate starting salaries in the UK (*The Sunday Times University Guide 2012*).



Friendly campus -based lifestyle

We are the only university in London able to offer a completely self-contained residential campus at our Mile End home. You will be able to enjoy all the benefits of a campus lifestyle – safety, convenience and a friendly atmosphere – while being only minutes from the buzz of central London.



High-quality teaching

Our teaching is inspired by our world-leading research and you will be taught by academics who are leaders in their field. We also offer an exceptional learning environment (we've spent more than £250m on new facilities in the last 15 years) and good support (you will have a personal tutor throughout your studies).



Lecture in the Perrin Lecture Theatre

Image courtesy of Ray Crundwell

Great location

We are based in a creative and diverse area of east London, a short walk from lively Brick Lane and Shoreditch, and close to the City, Canary Wharf and the Olympic Park. Set beside the Regent's Canal, the campus is tranquil and green, while good public transport links mean that central London is easily accessible.



View from Mile End Road

University of London degree

Queen Mary is part of the University of London, which means that you will graduate with a University of London degree, recognised internationally as a guarantee of quality. You will also be able to use a host of University of London facilities during your time with us, including the main library at Senate House.



Senate House

Our reputation

We have built an impressive reputation for academic excellence across all of our schools and departments. This is shown in various independent rankings assessing the quality of the work produced by our academics, for example their books, papers in specialist journals and the outcomes of scientific experiments and medical trials.

We have also performed well in other areas of the university rankings, such as student/staff ratio, the quality of our resources and accommodation, the average earning potential of our graduates and how satisfied our students are with their university experience. See some of our rankings highlights in the box on the right.

Our research excellence

We are committed to producing the highest quality of research and have invested in this principle by recruiting the best academics in their disciplines from around the world. It's paid off. The Government's most recent Research Assessment Exercise (RAE 2008), which grades the quality of academic research in UK universities, confirmed our place in the very top group of universities.

In its analysis of the RAE, the *Guardian* placed us 11th in the UK (out of 132 institutions) for the quality of our academics' work.

What this means for you

Your teachers will be genuine experts in their fields, who will share their up-to-date knowledge and passion for their subject with you. You will see them apply their knowledge in real-life situations, for example, commenting on news stories on television and in the press, as well as appearing in professional settings.



“[Queen Mary’s] reputation for academic excellence translates into good career prospects for graduates who boast some of the highest starting salaries among their peers.”

The Sunday Times University League Table 2011



Queen Mary is highly ranked in the RAE in several subject areas:

- **1st** in the country for Drama
- **1st** in the country for Geography
- **1st** in the country for Linguistics
- **1st** in London for Medicine
- **2nd** in the country for Dentistry
- **2nd** in the country for English Language and Literature
- In the **top 5** in the country in several areas of medicine (Epidemiology and Public Health; Pre-clinical and Human Biological Sciences; Health Services Research; Cancer Studies)

Queen Mary is also in the top 10 nationally in:

- Economics
- Hispanic Studies
- Law
- Materials
- Russian

Our results in the NSS

In the 2011 National Student Survey (which asks students about their experiences at university), **88 per cent** of our undergraduates said they were satisfied with their time here – that’s well above the national average and equal best among the large universities in London.

University rankings highlights

In addition to our excellent RAE results, Queen Mary has done well in several other university rankings.

- We are ranked in the top 20 universities in the UK and 127th in the world according to *The Times Higher Education World University Rankings 2011/12*.
- We are ranked eighth in the UK for highest starting salaries and 14th in the UK for graduate-level jobs in *The Sunday Times University League Table 2011*.

Campus life: sports and socialising

Our completely self-contained campus at Mile End is a great place to live and study, and is very popular with our students. With everything in one place, it's easier to balance your studies with those all important extra-curricular activities.

On campus you'll find the main library, lecture theatres, the Students' Union, a bar, cafés, a village shop and outstanding sports facilities. So whether you want to play sport, have a drink, meet with others of your faith or join a club or society, it's all accessible within a few minutes' walk. In fact, you can have an active, varied and fun social life without ever having to leave the College!

Sport, health and fitness

Taking part in sport at university is a great way to keep fit, make friends and unwind after your studies. Queen Mary Students' Union has over 40 sports clubs ranging from Aikido to Hockey, Fencing to Rowing. To find out more about what's on offer, visit www.qmsu.org



The Students' Union building has recently undergone a multi-million pound refurbishment, so in addition to the sports hall and squash court, there's a brand new health and fitness centre, Qmotion. Qmotion is home to a whole range of gym equipment, including a cardiovascular zone, a resistance zone, and free weights. You can use these facilities with the expert advice of fully trained gym instructors who will be on hand for pointers on training regimes and to instruct around 30 classes per week. There's also a women-only gym area, as well as yoga and pilates classes. Membership of Qmotion is at subsidised low rates for students.

Local facilities

There is also a good range of public sports facilities in the local area, including a swimming pool, running track and tennis courts. For the adventurous, there's the Mile End Climbing Wall, one of London's largest indoor climbing facilities.

The Drapers Bar

The Students' Union runs a number of bars, the biggest of which is the recently refurbished Drapers Bar. A multi-purpose space, during the day it is an attractive and spacious café offering a range of tasty food options. In the evening it turns into a bar, with great facilities for showing live sport, films and for hosting club nights and live music.



Medical and dental students

While most of our undergraduates study at the Mile End campus, our medical and dental students receive the majority of their teaching just down the road at the Whitechapel campus, next to the Royal London Hospital. Home to the award-winning Blizard Building, the campus has its own library, shops, café and a bar. Medical and dental students can use all the facilities on the Mile End campus too!

“I tried taekwondo, sailing, learning to play the guitar. You can try so many things. There are many more options than at school.”

Fariah Kahn, medicine



Qmotion



Drapers' Bar

Eating on campus

Enjoy a wonderful choice of cafés and restaurants on campus.



• **Mucci's** – A traditional Italian trattoria serving delicious fresh food in a relaxed environment. The menu includes two vegetarian options every day. (Mile End)



• **Beigal Bunnies** – Bagels, cakes, hot and cold drinks in the Garrod Building. (Whitechapel)



• **Coffee Clinic** – Sandwiches, wraps, muffins (and coffee) along with medical school branded clothing and stationery. (Whitechapel)



• **The Curve** – A coffee bar, deli and eatery serving freshly cooked international dishes and vegetarian options in a modern, relaxed, open-plan area. (Mile End)



• **Drapers Bar** – Salads, burgers, and smoothies in recently refurbished surroundings. (Mile End)



• **Ground** – A high-street style café serving Costa coffee, refreshing frappés and real fruit smoothies. (Mile End)



• **Nucleus** – A relaxed and modern café with a great choice of sandwiches, coffee and cake. (Whitechapel).



• **World Marché** – Costa coffee, pastries, tapas, salads, paninis and sandwiches with a great view of Regent's Canal and the Mile End park. (Mile End)

Campus life: our accommodation

Queen Mary is unique among central London's universities in being able to offer a completely self-contained residential campus, with a 2,000-bed award-winning Student Village on our Mile End campus.

Living on campus is fun, safe and secure. And most importantly, you'll only be a five-minute walk to your lectures – great for those 9am starts! The campus has a strong community feel, sometimes hard to find in a big city like London, so you'll feel right at home from the start of your time at university.

Accommodation in more detail

All College accommodation is provided in self-catered houses, flats and maisonettes. You also have access to rooms in the fully catered University of London Halls in central London. In addition, there is a good range of private accommodation in the area around the campus. We can provide you with information on available properties, and lots of help and guidance if you choose to rent privately.

Once you have firmly accepted your offer to study at Queen Mary, you will be sent full details on how to apply for College housing*. If you live close enough to Queen Mary to commute, you will normally be expected to live at home until all those students who cannot commute have been housed. Some rooms may then become available after term begins. Single sex accommodation is only available in the non-en-suite style of accommodation, and is subject to availability.

We will give extra help in finding accommodation to international students who arrive in London late. For more information for International students, see page 24.



“You feel like you belong a bit more, living on campus. The place is packed with people all doing the same thing, unloading their cars at the beginning of term. It’s really sociable.”

Jen Holton, drama



See what it's like: For virtual tours of our rooms and full details of the accommodation options, visit www.residences.qmul.ac.uk

*Please note: We give priority to single, full-time, first year undergraduates who apply for accommodation before the deadline of 30 June in the year of entry and who have not lived in Queen Mary accommodation before. Those who live furthest away are more likely to be offered accommodation on campus.





“My favourite place to be on campus would have to be sitting by the canal. There’s a cool park on the other side, and it feels like a little urban retreat to watch the swans swim by while studying, having a coffee, or just catching up with a friend.”

Kayla Schaefer, human geography

Rent scales and information

The prices quoted relate to the academic year 2011-12 and are reviewed each year. Rent is payable each term in advance.

Queen Mary Student Village and Halls of Residence

Rents for single rooms range from £102–£138 per week, including gas and electricity costs.

Rooms are available to first year medical and dental students at Dawson Hall, situated at the Charterhouse Square campus, very close to St Bartholomew’s teaching hospital, and at Floyer House which is situated on the Whitechapel campus. Rents at both residences range from £105–£136 per week, including gas and electricity costs.

University of London Halls

About 150 Queen Mary students live in the University of London’s Halls in central London, alongside students of other University of London colleges. Fees for single rooms cost from £170 per week, including breakfast, evening meals and gas and electricity bills.

Privately rented accommodation

Renting private accommodation off-campus is a popular choice for many students. The vast majority of second- and third-year students and even some first-years prefer the independent lifestyle offered by sharing flats or houses with friends.

We will be happy to help you find a convenient and affordable place to stay during your studies here. We provide advice, information and an online property listing of privately owned accommodation available for rent. Much of this accommodation is in east or north-east London, within easy walking or commuting distance of Mile End. Rents typically range from £100–150 per week.

Family accommodation

If you have a family, we would strongly advise you not to bring your partner and children to live in London until you have secured suitable affordable housing. There is very little university or hostel accommodation for students with families, and housing in the private sector can be expensive.

Contact us

For all enquiries about accommodation, contact Housing Services: Tel: +44 (0)20 7882 5522
email: residences@qmul.ac.uk
www.residences.qmul.ac.uk

Our Students' Union

As a Queen Mary student, you will automatically become a member of our Students' Union (QMSU). QMSU has a presence across the three main campuses: Mile End, Whitechapel and Charterhouse Square. We aim to ensure that you have the best possible student experience in terms of teaching and learning, support, social activities and opportunities for personal development.

What we do for you

QMSU is run by elected students, voted in each year by you. We campaign and lobby the College on your behalf to ensure that you get the most out of your time here. While most students' time here is a happy one, for those occasions when things might not go to plan, our advice service can offer support.

Activities at QMSU

The Union is not just about entertainment and commercial services. It is also your first port of call to meet people, make friends and learn new skills.

Provide Volunteering

Provide is the student community volunteering programme at Queen Mary, offering a wide range of short and long-term opportunities to volunteer with charities and voluntary organisations in the local area and across London. Volunteering gives you a brilliant chance to absorb and explore what London has to offer, to really get involved in your local area, to help other people and to develop new skills. To find out more, see www.providevolunteering.org



Sports

Students are responsible for running all QMSU clubs, covering a wide range of sports at a variety of levels. Whether you play for fun, or compete at either an intercollegiate (ULU Leagues and cups) or national level (British Universities and Colleges Sport (BUCS) leagues and cups) there is a sports club for you. As a club member you can improve your skills, general fitness and, of course, make friends and have fun. If you are a medical or dental student, you can also join one of the Barts and The London Students' Association teams, which participate in the main university and medical school leagues. If you feel there is a sport we should be providing, come in and let us know – we can help you to start your own club. Go to www.qmsu.org for our detailed listings on sports club activities and membership costs.

Societies

Students also run 100+ societies across the campuses, offering a host of faith, cultural, special interest and leisure activities to satisfy every taste. If your particular interest is not covered, you can always start a society yourself. As above, if you're a medical or dental student you can join any of the BLSA societies, catering for additional interests relating to your studies.

Go to www.qmsu.org for our detailed listings of society activities and membership costs.



Cub magazine, QMessenger, QMTV, Quest Radio, The Vulture

Cub, the monthly student lifestyle magazine, and QMessenger, our fortnightly newspaper, are the Students' Union's main publications. If you are interested in a career in the media they provide a unique opportunity for you to develop your journalistic, photographic and marketing skills on a high-quality publication. QMessenger covers relevant news stories, sports and societies updates (bragging about successes and reporting victories), and general campus news. QMTV is our brand new online television service and Quest is the radio station launching this year! The Vulture magazine is written by the medical and dental students of Barts and The London. Go to www.qmsu.org to find out more.



Careers and employability

In today's competitive job market, to ensure that you get full value from your degree, you will need to begin building your skills and work experience as soon as you start university.

Why employers value Queen Mary graduates

Queen Mary is ranked eighth in the UK for highest starting salaries and 14th in the UK for graduate-level jobs in *The Sunday Times University League Table 2012*. We have worked with employers, students and academic staff to define the skills, values and behaviours that capture the distinctive features of our learning environment and that make our graduates so sought after.

Our priority is to give you as many opportunities as possible to develop these 'graduate attributes' while you study with us. **The attributes include:**

- the skills to influence, negotiate and lead
- curiosity and openness to change
- initiative and resilience in meeting challenges
- ability to work individually and in collaboration with others
- the skills to use technologies to access and interpret information effectively.

You will develop some attributes through your programme of study – in exploration of your subject via group work, presentation and debate, for example. Others you will develop through work experience or by belonging to student societies and sports teams.

You will find a full list of our graduate attributes at www.mindthegap.qmul.ac.uk

Language learning

Learning another language can also make you more attractive to employers, particularly in today's global economy. Even if you're not studying a language as part of your degree, you can still develop these skills by signing up for a language course with the College's Language and Learning Unit. Languages offered include French, German, Spanish, Japanese, Chinese and Arabic. See www.languageandlearning.qmul.ac.uk

How we support you

Just as important as developing your set of graduate attributes, is learning how to present them persuasively to employers. The Queen Mary Careers team provides support on CV and application-writing, interview technique and other employer recruitment methods, such as assessment centres, whether you are applying for internships, part-time work or a graduate role.

Meet employers

We offer a range of opportunities for you to meet with employers on campus, giving you the chance to get a better understanding of a company or sector, to find out how organisations recruit, and to network and build contacts. Over 150 employers and training organisations visited the campus last year, including Accenture, Barclays Capital, the BBC, Cancer Research, Civil Service Fast Stream, EADS Astrium, KPMG, Sky, Teach First, and numerous law firms.

Meet Queen Mary graduates

We also invite former students from your subject area to share their experiences of the workplace with you. These more informal sessions are helpful as you can ask anything you like and get the inside track on particular companies or industries. Former students who came to the campus last year included bankers, consultants, civil servants, doctors, engineers, journalists, lawyers, politicians, scientists and writers.

Read about the Careers team's full range of services at www.careers.qmul.ac.uk

Queen Mary undergraduates went on to work for a variety of employers in 2010, including:

Accenture, Barclays Capital, Bloomberg, the British Council, Channel 4, Dyson, Goldman Sachs, ITN, John Lewis, J.P. Morgan, KPMG, London Zoo, the Metropolitan Police, Mile End Films, Morgan Stanley, the NHS, Parliament, Penguin, the RAF, the Science Museum, Telegraph Media Group, the UK Film Council and Waterstones.

Destination of Leavers from Higher Education Survey 2010



Work experience

These days, employers will expect you to have work experience, paid or unpaid, as well as a good degree. In fact, work experience placements are increasingly seen as a step towards securing a permanent role on graduation with an employer, particularly with the big graduate recruiters, such as consultancies or law firms.

Thanks to our numerous employer recruitment events, large campus, and proximity to Canary Wharf, the City, and central London, at Queen Mary you will have an unusually large and diverse range of opportunities.

Opportunities include:

- Many on-campus jobs, including assisting with conferences, building e-learning tools, conducting campus tours, helping with open days, stewarding halls of residence and working in our bars, cafés and restaurants
- Easy access to hundreds of off-campus jobs across London via the QM JobOnline vacancy site (www.careers.qmul.ac.uk/jobs). Our students undertake a range of roles, from museum intern to lab assistant
- A thriving Students' Union offering over 1,000 opportunities to volunteer on-and off-campus in leadership, sports, creative, community and tutoring roles
- 60+ employer recruitment and networking events per year
- Support and training for entrepreneurs and an active student Entrepreneurs Society.

Queen Mary offers competitive rates of pay for on-campus jobs and shifts are available to suit your timetable. As well as paid roles, there is a variety of unpaid opportunities on-campus – mentoring and student journalist roles, for example – to help you build your work experience and CV.

When you arrive at Queen Mary, you'll be invited to our Experience Works Fair to find out more about these on-campus opportunities as well as the numerous opportunities for part-time and volunteer work in and around London.

The job market

The value of being a graduate

Many jobs advertised (it's estimated to be around 60 per cent) ask that applicants should be educated to degree level, but do not specify a discipline. This reflects the trend that many employers are looking more for the 'soft' skills that graduates acquire during their study rather than their knowledge in a specific subject. All our degree programmes will equip you with valuable transferable skills, and the many extra-curricular activities – from Students' Union societies to part-time work – provide you with plentiful opportunities to add to your skill set.

The London advantage

Queen Mary's location between the City and Docklands means that some of the biggest names in finance and business are nearby, many of which advertise vacancies with us. London is also a centre for the creative industries (eg advertising, the arts), new tech companies, the legal professions, the media, and offers excellent opportunities in science and engineering, teaching and the medical professions. As a student here, you'll be well placed to look for work placements and to build contacts. Closer to graduation, you'll be able to get to interviews easily.

Average graduate starting salaries

According to the most recent Graduate Recruitment Survey produced by the Association of Graduate Recruiters, the median salary for graduates in 2011 was £25,500. This average is based on responses from 202 major graduate recruiters, all big organisations, such as banks, law and accountancy firms, and big retailers. In contrast, the median starting salary of all those who left higher education in the UK in 2010, many of whom work at small and medium-sized companies, was £19,000 (Higher Education Statistics Agency).

The table on the right shows average salaries from the AGR survey by career area. The survey does not cover all sectors, for example: doctors (Foundation Year 1) can expect to earn £22,412, increasing to £27,798 (Foundation Year 2), see www.nhscareers.nhs.uk; a newly qualified teacher working in inner London will make £27,000, see www.tda.gov.uk; and an officer in the British Army starts at £24,615.



Median graduate starting salaries at AGR employers by career area in 2011*

Investment banking	£38,250
Legal work	£35,000
Consulting	£28,500
Actuarial work	£27,500
Research and development	£27,000
Financial management	£26,500
Manufacturing engineering	£26,500
IT	£25,500
Science	£25,250
Accountancy	£25,000
General management	£25,000
Civil engineering	£25,000
Electrical/electronic engineering	£25,000
Mechanical engineering	£25,000
Sales	£25,000
Purchasing	£25,000
Marketing	£25,000
Human resources	£25,000
Logistics	£25,000
Retail management	£23,000
Education	£22,750
Other	£25,000

*Recruiters may be offering vacancies in more than one career area simultaneously. Source: The AGR Graduate Recruitment Survey 2011



Emily Huns:

Head of Careers
at Queen Mary

Do graduates still earn more than those without a degree?

Yes, graduates do earn more than non-graduates, although much depends on which sector and role the graduate goes into. Average graduate salaries – in the larger firms that report such figures – were increasing year-on-year for a long time and have stayed remarkably stable during this recession.

What should students do – study a subject they are likely to enjoy, or one they think will lead to a job?

Generally, one they enjoy and are good at, since motivation and a good grade are two of the five most important factors in making a graduate employable. The other three are relevant work experience, a real understanding of what a job entails and a well presented and evidence-based application and interview (ask a careers adviser about this!). Remember that many graduate jobs are open to students of any discipline. However, if a student feels safer doing something they feel will lead them to a job rather than the subject they enjoy most, that's ok too – as long as they enjoy it enough to do well at it.

Tell us about the Queen Mary Careers team

We're based in the Queens' Building, on the Mile End campus, with a satellite service for medical and dental students at our Whitechapel campus. We provide a range of services including:

- helping students to find work experience and part-time work on-and-off campus
- arranging careers events where students can meet prospective employers and network with past students
- guiding students through their career options after university
- advertising vacancies
- training students in CV and application writing and interview techniques
- advising on whether postgraduate study will improve employment prospects
- providing skills training for student groups such as Students' Union societies and volunteers.

Read more about the team at www.careers.qmul.ac.uk, where you'll also find job vacancies, our blog and student career profiles.

London for students

London is one of the world's great cities, a global capital of commerce and culture to rival New York, Tokyo and Beijing. It's a hugely exciting place to live – and with nearly 400,000 students studying here – a top place to be a student.

There's always something going on in London, much of it free. Your student card will get you reduced entry to a surprising number of places, as well as discounts on clothes and food. Check London's listing websites for the most up-to-date information on free and fun entertainment in the capital.

For example: www.timeout.com/London • www.allinlondon.co.uk • www.londonist.com

Museums and galleries

London has more art galleries and museums than any other UK city. The major museums, such as The British Museum, The National Gallery, The Science Museum, Natural History Museum, Tate Britain, Tate Modern, Victoria and Albert Museum all offer free entry.

See: www.britishmuseum.org • www.vam.ac.uk • www.nationalgallery.org.uk • www.tate.org.uk • www.sciencemuseum.org.uk



The British Museum

Theatre

You can often get discounted tickets for West End shows by buying them on the day. The same goes for opera: the English National Opera, for example, offers discounted day tickets. There are also lots of great (and affordable) fringe performances from up and coming stars.

See: www.eno.org • www.londontheatre.co.uk • www.thestage.co.uk/listings

Shopping

From flagship high street shops and department stores, to niche boutiques selling creations from the latest young designers, when it comes to shopping, London has it all. Close to Queen Mary, Brick Lane has lots of quirky vintage shops, as well as a weekend market. Oxford Street is only 15 minutes away by tube, while Europe's largest urban shopping centre, Westfield Stratford City, is just one tube stop from Mile End.

See: www.ladenshowroom.co.uk • www.sundayupmarket.co.uk • <http://uk.westfield.com/stratfordcity>



Westfield Shopping Centre



Kevin Spacey as Richard III at the Old Vic Theatre

Image credit: P Anastasselis / Rex Features



London for students

Markets

There are over 80 markets in London – the major ones include Petticoat Lane, Portobello Road, Covent Garden (not strictly a market anymore, but still a great tourist attraction with buskers, street artists and stalls), the Columbia Road Flower Market, Borough Market, Camden Market and Spitalfields Market.

See: www.boroughmarket.org.uk
• <http://columbiaroad.info> • www.spitalfields.co.uk
• www.londonmarkets.co.uk

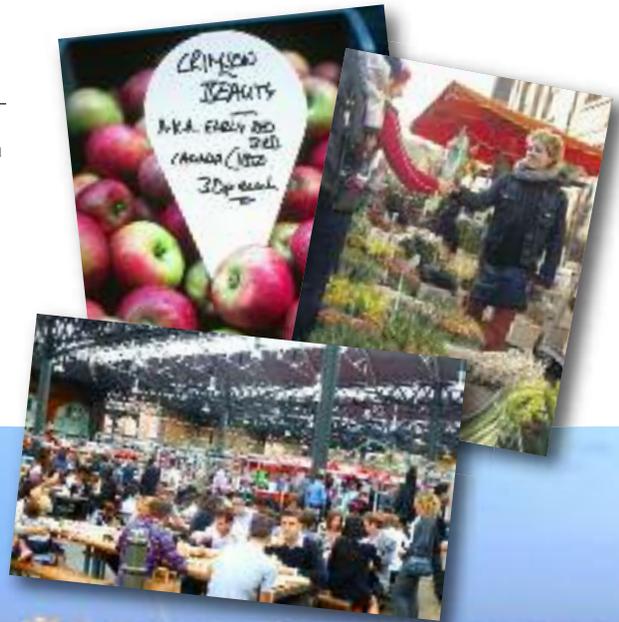
Music and nightlife

From underground clubs to long-running student nights, London's nightlife is legendary. There's also a strong live music scene, taking in folk, jazz, indie, rock and everything in between – and if you know where to look, gigs are often free. Nearby, there are large, well-known venues like 93 Feet East on Brick Lane and the O2 Arena. You'll often find good live music in pubs and bars.

See: www.93feeteast.co.uk • www.theo2.co.uk

Food and eating out

A truly multicultural city, London has cuisine from around the world – from dim sum to lahmacun, and sushi to satay. As well as restaurants to suit all budgets, there are great fresh food markets, including Queen Mary's very own Farmers' Market. Held every week, you can shop for free range, organic and locally farmed produce on the Mile End campus.



Five London apps we couldn't do without:

- Time Out London
- Free London
- Tube Map
- London Cycle
- London Journey Planner

Green space

With over 1,000 public parks in Greater London, including eight Royal Parks, London is one of the greenest cities in Europe. The area around Queen Mary's Mile End campus is no exception – Mile End Park is next to the campus and a short walk away is Victoria Park, one of Britain's first public parks. Victoria Park is a beautiful place to relax and also hosts music festivals and open-air theatre.



Victoria Park

Did you know?

- London has 300 museums, over 250 art galleries, over 200 theatres, 6 symphony orchestras, 105 cinemas and 500 cinema screens.
- There are more than 32,000 music performances a year in London – 621 a week, 17 per cent of which are free!
- London has four UNESCO world heritage sites: Tower of London, Maritime Greenwich, Westminster Palace, and Kew's Royal Botanic Gardens.
- Over half of the UK's top 100 listed companies on the London Stock Exchange have their headquarters here. The city generates 19 per cent of the UK's total GDP.

(Sources: London.gov.uk, Wikipedia, Study London)

Olympic legacy

The Olympic Games 2012 will have taken place by the time you arrive at Queen Mary, but the impact the Games will make on the surrounding area will be apparent for years to come with better transport links, improved infrastructure and first-class sporting facilities – some of which will be available for use by the public.

The Olympic Park is only a couple of miles from our Mile End campus, and one stop on the tube. At the time of going to press, the plan is to transform it into one of the largest urban parks created in Europe for more than 150 years. For more information see: www.london2012.com



London 2012 Olympic Stadium (visualisation)



London 2012 Olympic Bridge (visualisation)

Queen Mary's London

“London has been called a ‘world in one city’ and that’s not just empty rhetoric.”

Lonely Planet 2011

Nowhere is this more true than in east London, the exciting area that is home to Queen Mary. The hub of London’s creative and cultural community, east London represents the best of the city – steeped in history, yet always looking to the future, and uniquely British in its diverse character.

① Old Street, Shoreditch and around

EAT... Yelo, on Hoxton Square (Thai food); Big Apple Hot Dogs, a mobile cart selling seriously tasty... you guessed it, hot dogs; Cay Tre a delicious and reasonably priced Vietnamese restaurant on Old Street.

VISIT... White Cube gallery at Hoxton Square (this area is the epicenter of the East End’s art scene); The Geffrye Museum, an exploration of English domestic interiors – www.geffrye-museum.org.uk

SHOP... The Columbia Road Flower Market on Sunday mornings.

② Brick Lane, Spitalfields and Whitechapel

EAT... Brick Lane is London’s ‘Curry Capital’ – an entire street lined with Indian and Bangladeshi restaurants; Brick Lane Beigel Bake, open 24-hours a day (great for bagel emergencies).

VISIT... The Old Truman Brewery, a converted brewery and home to numerous fashion designers, artists and trendy bars; All Star Lanes, a boutique bowling alley serving burgers and cocktails; the acclaimed Whitechapel Gallery.

SHOP... Spitalfields market, with arts and craft stalls, restaurants, and high-street shops. Nearby is Urban Outfitters, a temple to hipster fashion!

③ Bow Wharf

EAT... Canal-side bars and restaurants The Fat Cat Café Bar and The Thai Room.

VISIT... Jongleurs Comedy Club, with a bar, restaurant and post-comedy disco on Friday and Saturday nights.



④ Docklands, and Canary Wharf

EAT... Jamie’s Italian (part of Jamie Oliver’s growing empire); Wagamama for noodles; Bene Bene for sandwiches, salads, bagels and desserts.

VISIT... Museum of London Docklands, which explores the story of the docks from Roman settlement through to recent regeneration.

⑤ Bethnal Green, and Victoria Park

EAT... E Pellici, on Bethnal Green Road, an Italian café and local institution which has been around since 1900. Near Victoria Park, Lauriston Road has some great cafes and restaurants including: Su Sazzagoni (Sardinian), The Fish House (upmarket fish and chips) and the Empress of India (a gastropub).



Our campuses

- 1 Mile End: our main campus and home to the Student Village; most undergraduate students are based here.
- 2 Whitechapel: home to the School of Medicine and Dentistry and the Royal London Hospital; our undergraduate medicine and dentistry students are based here.
- 3 Charterhouse Square: headquarters for a number of our medical research facilities; there is also a hall of residence here.
- 4 West Smithfield: home to Barts Hospital and some medical research facilities; some undergraduate medical teaching takes place here.
- 5 Lincolin's Inn Fields: home to the Postgraduate Law Centre and the Centre for Commercial Law Studies.

VISIT... art galleries Ibid Projects and The 12 Gallery on Vyner Street; The V&A Museum of Childhood on Cambridge Heath Road; Bethnal Green market, a daily street market with fresh fruit and veg, clothes and other essentials.

6 Mile End, and surrounding area

EAT... Queen Mary's home district has a range of good value cafes, restaurants and student pubs. The small parade of shops between the College and Mile End Station includes a Nando's barbecue chicken restaurant, Roastars and Costa coffee shops, a Budgens with a hot food counter, and the Golden Bird, a popular Chinese restaurant. Turning right out of the College towards Stepney Green, there's the Pride of Asia (Bangladeshi), and The Half Moon, a Wetherspoon's pub serving traditional pub fare. The Greedy Cow pub on nearby Grove Road is a good

place to grab a burger and chips. And the Palm Tree pub by Regent's Canal and The Crown pub at the top of Grove Road are also both highly recommended.

VISIT... Mile End Park, 90 acres of greenery in the heart of the East End where you'll find a terraced garden, and ecology, arts and sports parks; the independent Genesis Cinema (go on Wednesday night for a student discount).

International students at Queen Mary

Queen Mary offers a lively, multicultural environment, with students from more than 125 countries.

With over 5,500 international students currently studying at the College (among a total population of 17,000) Queen Mary has recently been rated as having the third highest percentage of international students and staff in the UK, and the 16th highest in the world (THE World University Rankings 2011).

Our well-established International Student Welcome Programme will make you feel at home straight away. It begins with collection from the airport and an induction that includes practical advice about living and studying in London. You will also have the opportunity to meet and make friends with other international students from the moment you arrive.

A programme of student events throughout the year helps you keep in touch and provides you with the chance to visit interesting sites in and around London and the UK.

Our campus provides you with a safe, secure and supportive environment in which to study. In a recent survey, Queen Mary students expressed high levels of satisfaction with living overall and more specifically with the quality and cost of our accommodation (International Student Barometer Summer 2011).

Queen Mary prides itself on offering its students an outstanding education. You will benefit not only

from excellent teaching and access to world-leading researchers, but also the opportunity to live and learn alongside students who have had different life experiences. As a result Queen Mary students not only graduate with a world-renowned qualification from the University of London, but also with a global perspective on issues related to their academic field.

Over the years, many of our international graduates have gone on to successful careers both in the UK and overseas. By choosing to study in London, our students enhance their career prospects while developing their potential in a vibrant, creative and stimulating environment.

For more information on coming to Queen Mary to study, our entry requirements, current tuition fees, language support for international students and more, see page 272.





Student Profile

Ye Vonn Chew, Malaysia
Economics and Finance



"I chose to come to Queen Mary because it is based in London. Despite having so many other choices, Queen Mary topped the others as I wanted to live in a city campus environment.

"The Economics department at Queen Mary also offered a wide choice of programmes. In the end, I chose to go for Economics and Finance.

"The Student Village at Queen Mary is absolutely awesome! Not only is it close to lecture halls and classes, but I have had the chance to meet and live with people from all over the world. In London, there are heaps of interesting places to visit from historic buildings to happening West End musicals. Travelling around London is easy, the underground and bus routes are well-organised.

"Queen Mary's campus is close to central London and the upcoming London Olympics venue. In my experience people in London are friendly and outgoing which makes adapting to life here easy."

Opportunities for overseas study

Many Queen Mary students choose to study abroad, from three months in Spain to a year in America. This is a fantastic opportunity to experience a foreign culture firsthand. It may also help to distinguish you to potential employers.

International Exchange Programme

Queen Mary has a long-standing exchange programme through which you can apply to study at a number of overseas partner institutions in America and Australia. For more information, see www.qmul.ac.uk/qmlearning/exchanges

Socrates and study in Europe

You can study for between three to twelve months at a university in another EU country. Under the Socrates scheme, you receive additional funding to cover travel, accommodation and language preparation. You should contact your department for the most up-to-date information.

Language learning

You are also encouraged to learn a language in addition to your main programme of study. Spanish, Chinese, Japanese, Arabic and French at all levels are among the options offered by the Language and Learning Unit. See:

www.languageandlearning.qmul.ac.uk



***“Graduates who have studied abroad tend to be more culturally aware, able to work in multicultural teams and move around the world as part of their career.”
Council for Industry and Higher Education. (CIHE), Guardian 2008***



Student Profile

Sara Hammond,
Studied at University of California San Diego



"The University of California San Diego (UCSD) was a fantastic experience for so many reasons. There was a huge variety of courses with a lot of different approaches to my subject and a lot of excellent teachers. I also learnt a lot outside of the classroom.

"San Diego is a fun city to be in and I had the chance to learn to scuba dive, go surfing, run a marathon, visit Mexico, ride with the equestrian team, swim with a club... I met a lot of really great people who I will be keeping in touch with. In all, it was the best possible way to spend the second year of my degree and I will be going back the first chance I get."

Notable Queen Mary graduates

Many Queen Mary graduates have gone on to establish inspiring and distinguished careers. Here are some of them.



The TV chef, food writer and entrepreneur, Ching-He Huang, gained a degree in Economics in 1999. She has authored three cook books, including *Chinese Food Made Easy* (2008), which was a no. 1 bestseller, and fronted a number of cookery programmes on BBC2 and Five.



Dr Prannoy Roy (Economics, 1973) is one of the most well-known faces on Indian television. The Founder, Chairman and Director of New Delhi TV (NDTV), he has won several awards as India's leading presenter of current affairs programmes. Dr Roy has also worked as an Economic

Adviser with the Ministry of Finance to the Indian Government. He was elected Honorary Fellow of Queen Mary in 2007.



World-renowned as a fertility expert, Professor Lord Winston (Medicine, 1964) was prominently involved in the development of gynaecological microsurgery in the 1970s. He has presented several award-winning BBC television series, most recently *Child Against All Odds*.



Award-winning author Sarah Waters gained her PhD in English Literature in 1995. Her novels include *Tipping the Velvet* (1998), *Affinity* (1999), *Fingersmith* (2003) and *The Night Watch* (2006); the latest *A Little Stranger* was published in 2009. Her last three novels were short listed for

the prestigious Man Booker Prize and a number have been adapted for television.



Newsreaders Jane Hill (Politics, 1991) and Bridgid Nzekwu (European Studies, 1992) both regularly appear on our television screens. Jane is one of the main presenters on the BBC News, while Bridgid is a regular presenter on ITN.



Astronomer Carl Murray is Professor of Mathematics and Astronomy at Queen Mary (BSc Applied Mathematics with Astrophysics, 1977; PhD Astronomy, 1980). He is well known for being the only British member of the Cassini Imaging Team which has taken stunning photographs of the Saturn system.



The Hon Mrs Justice Cox (LLB, 1973; LLM, 1975) was appointed a Queen's Bench Division Judge in 2002. She is acknowledged as being one of the leading practitioners in human rights law, particularly relating to discrimination and employment.



Professor Sir Peter Mansfield FRS (Physics, 1959; PhD 1962) became a Nobel Prize winner in October 2003. He jointly received the Nobel Prize for Physiology or Medicine with the late Professor Paul Lauterbur for their pioneering work on Magnetic Resonance Imaging (MRI) as a diagnostic technique.



Dr Colette Bowe (Economics, 1969; PhD 1978) has been Chairman of Ofcom, the UK communication's industry regulator, since 2009. She has had a varied career in the civil service, private sector and a portfolio of non-executive directorships.



Frank Chapman (Engineering, 1974) has been Chief Executive of FTSE 100-listed BG Group since 2000 and is a non-executive director on the Board of Rolls-Royce. His career has also included senior positions at Shell and BP.

What's it really like to be a student at Queen Mary?

We catch up with some students

Jacqui Phillips

Medicine

"As a medical student, every week is different, but most days my alarm goes off at 6.30, and I hit snooze... Before I know it, it's 7.15am and I'm running late already – oops! Quick shower, get dressed, grab breakfast and run out of the door by 8am, hoping Transport for London will be kind to me.

"On a typical day I'll make it to the Perrin Lecture Theatre by 8.58, just in the nick of time! We have a mix of theoretical and practical lectures, for example, a clinical demonstration where a consultant comes in and discusses a case study, and then the patient comes in and tells us their story and lets us ask questions.

"Come lunchtime, we're spoilt for choice for places to eat around Whitechapel. Often we opt for a sandwich and a coffee from the Coffee Clinic in the union and sit around discussing the morning's lectures, (as well the previous night's antics in Griffinn, the student bar!).

"We also have Anatomy practicals in the Learning Landscape on the Mile End campus. It's easy to hop on the number 25 bus and get there quickly.

"After the day's lectures are done, I often head to brand new Qmotion gym. Being part of both QMSU and Barts and The London Students' association, I have the advantage of being able to take part in the huge range of clubs and societies they both have to offer.

"I particularly like taking Ju Jitsu classes. It's the perfect way to release all my pent up energy!"



Jack Harris

Law

"So today the alarm goes off an hour before my 9am tutorial, giving me 45 minutes of snooze time... one of the many benefits of living on campus is that everything is so close.

"After an intensive hour discussing the intricacies of contract formation, I head back home for a hearty breakfast. It is such a nice day, that after breakfast, I take my Criminal Law textbook and my mug of coffee down to the canal and read it on the pontoon.

"At 1pm I have a constitutional law lecture. Today's topic is: 'Does the United Kingdom need a codified constitution?' – Well, 'no' in my opinion, but after the lecture, at least I understand the arguments that justify other points of view.

"After the lecture, I go over to the library to photocopy a House of Lords judgment, which keeps me busy for the rest of the day. At about 9pm, after some gourmet haute cuisine (stir fry in English!), I head to the flat downstairs from mine to chill out with some friends over a beer or two."





Brett Osler

Computer Science and Business Management

"I usually arrive on campus around 9am – even though the timetable for each day varies. Some days we may have two hours of lectures and labs, and some days, seven hours – but it averages out to about 17 hours a week. Plus about another 20 hours of self study. What's great though, is that you can choose when to fill in those extra hours, so I have one friend who sleeps from 6pm to 2am. Then he gets up and starts work, as that's when he does his best stuff!

"Whatever the timetable, I am usually on campus all day. I just find it easier as all the resources are here and I get more done. In fact, the self-contained campus was one of the reasons I was drawn to Queen Mary. I like that everything you need is here, it's like being in a bubble – but in a good way.

"This is actually my second time round studying – I did a diploma course and worked in IT support for about a year before deciding that it wasn't for me. I then travelled the world before deciding to come back to go to university. Because it was my choice to study again, I'm more determined to make it work. I'm doing it because I really want to, not just because it's the next thing that's expected of me.

"If I had any advice for people starting out at university, I'd say 'Make the most of it'. Three years sounds like a long time, but it goes really quickly. There's so much going on here – opportunities to be a course rep, a PASS mentor, not to mention the 100+ clubs and societies. All of these things are not only fun, they're character building and look great on your CV too."

Biological Sciences

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School of Biological and Chemical Sciences

FAQs

What are the biological sciences at Queen Mary?

Do you have a keen interest in the 'how' and 'why' questions in life? Are you interested in the likely impact of global warming on rare and endangered species? Do you want to learn about chemical reactions that occur inside the cells of the body? If so, then a degree in biology may be the degree for you. The biological sciences cover a huge range of subjects. In biomedical sciences you'll learn about the biological science that underpins modern medicine. Or you might decide to study general biology, where you will be taught how animals evolved and how ecosystems function, or zoology with aquatic biology, where you can learn about the incredible array of animal life on earth, and how different species interact with each other.

Why study biological sciences? What can I do afterwards?

After graduation, many of our students continue in the biological sciences, either studying for higher degrees (MSc or PhD) or working in a job that utilises their biological background – for example, environmental consultancy or scientific publishing. In addition, a high proportion of our biomedical sciences graduates go on to study medicine and dentistry, either on the four-year graduate-entry or five-year programmes at Barts and The London School of Medicine and Dentistry (also part of Queen Mary), or at other medical schools around the country. Others go into careers including consultancy, medical technology, teaching or research careers in industry.

Other graduates leave the sciences but use the highly valued transferable skills they have acquired during their degree to move into careers such as management training, finance, law, IT or accountancy. These skills include:

- Analytical skills and numeracy
- Experimental design and statistical analysis
- Data-handling and interpretation
- Written and spoken communication, including essay writing and presentation skills
- IT skills, including word-processing, spreadsheets and internet-based research
- Manual and practical skills in the laboratory.

Why study biological sciences at Queen Mary?

The School of Biological and Chemical Sciences is strongly committed to high-quality teaching. Our results in the most recent National Student Survey (NSS 2011) support this, ranking us 23rd equal in the UK in Biology and second in London, with over 90 per cent of our students expressing overall satisfaction with their studies. 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'.

The School is also unusual in its breadth of expertise within the field of biological science. Our research strengths span biomedical science, biochemistry, microbiology, evolutionary biology, ecology, genetics and animal behaviour – which means that, whatever your chosen subject, you will be taught by researchers at the top of their field.

For many Queen Mary students, the highlight of their undergraduate career is the final-year project – an opportunity to carry out original research alongside established researchers. This can involve an extensive laboratory-based project, working alongside PhD research students, or even fieldwork abroad. Students can opt to spend time in research, either at Barts and The London School of Medicine and Dentistry, or other institutions with which we maintain close links, for example the Institute of Zoology, the Natural History Museum and the Royal Botanic Gardens at Kew. Previous projects include: *Does developmental exposure to nicotine or ethanol influence sensitivity to rewarding effects of these drugs?*; *Antimicrobial resistance in Salmonella and Campylobacter isolated from organic and non-organic chickens*; *Comparison of fish morphology from different habitats in Kenya*; *Flower constancy of foraging bumblebees under patchy light*.

The School recognises the time, effort and passion that students invest in their A-level (and equivalent) studies and a number of scholarships are available for outstanding students. For more information about these scholarships, see www.sbcs.qmul.ac.uk

Entry requirements

All applications are looked at individually by members of the Admissions team. Some programmes also require you to attend an interview.

<p>A/AS-levels</p>	<p>Tariff/Grades requirement: 300 points at A2 level (340 minimum for Biomedical Sciences (B990) • Biochemistry (C700) and Medical Genetics (C431): biology A2 and chemistry A2 with a minimum grade C are required in both subjects • Biomedical Sciences (B990) requires AAB, normally including biology and chemistry • At least grade C in A2 biology is required for all other programmes.</p> <p>Additional information: In addition to specifically required subjects, other A2-level subjects that may be accepted include: another science subject (preferable), English, a language, a traditional humanities subject or a social science. A fourth subject at AS-level is not required if three A2-level subjects are offered. Where no specific chemistry requirement is stated, students will need at least CC in GCSE double science or C in GCSE chemistry. Usually GCSE mathematics grade C and GCSE English grade C (or equivalent) are required.</p> <p>Excluded subjects: General studies.</p>
<p>Vocational or applied A-levels</p>	<p>Vocational subjects at A2-level are only accepted with high grades and for certain programmes.</p>
<p>BTEC Level 3 Diploma (120 credits) (excluding early years)</p>	<p>Acceptability: Acceptable only when combined with relevant A2 levels. Not acceptable for B990.</p> <p>Subjects and grades required: We will consider applications on a case-by-case basis from students with BTEC National Certificate in combination with relevant A2 levels, where there is clear evidence of exceptional quality and when we are satisfied that the qualification offered is of sufficient academic rigour; this may involve an interview.</p>
<p>BTEC Level 3 Extended Diploma (180 credits) (excluding early years)</p>	<p>Acceptability: Acceptable on its own and combined with other qualifications. Not acceptable for B990.</p> <p>We will also consider applications on a case-by-case basis from students with BTEC National Diploma, where there is clear evidence of exceptional quality and when we are satisfied that the qualification offered is of sufficient academic rigour; this may involve an interview.</p>
<p>International Baccalaureate</p>	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 30-34 points overall • Biomedical Sciences (B990): 34 points overall • Must include Biology (HL) and Chemistry (HL) and two other subjects to be specified (HL or SL) with at least grade 6 • Biology with Psychology (C1C8): 32 points overall • Must include Biology (HL) with grade 6 and three other subjects to be specified (HL or SL) at least grade 6 • Biochemistry (C700) and Medical Genetics (C431): 32 points overall. Must include Biology (HL) and Chemistry (HL) with a grade 5 and another subject to be specified (HL or SL) at grade 5 • All other programmes: 30 points with Biology (HL) grade 5 and two other subjects to be specified (HL or SL) at grade 5.</p>

European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 75 per cent including biology and/or chemistry (depending on programme). Biomedical Sciences (B990): 80 per cent including biology and chemistry. Biology with Psychology (C1C8): 80 per cent including biology.</p>
Access to HE Diploma	<p>Acceptability: We will consider applications on a case-by-case basis from students with Access to HE Diploma, where there is clear evidence of exceptional quality and when we are satisfied that the qualification offered is of sufficient academic rigour; this may involve an interview.</p> <p><i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries/index.html</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.</p>
Science and Engineering Foundation Programme (CCX1, FFX1, FFY1)	<p>For students studying A-levels, offers will normally be in the range of 240 points at A2-level (depending upon the subjects being studied). Offers will normally be higher for students who have not studied science subjects at an advanced level.</p> <p>Applications from mature students, and from students studying vocational courses, will be considered on an individual basis, but applicants should note that this programme is generally not suitable for students who have taken vocational courses without a substantial biology and/or chemistry content.</p>

Please note, these entry requirements are guidelines only, and are subject to change.

All applications are considered on a case-by-case basis. Please contact the School for more information.

Key facts

Assessment

For all programmes you must take 120 credits (normally eight modules) in each academic year. Each module is assessed through theory examinations (typically accounting for 75-80 per cent of the final mark) and coursework (for example, practical reports, field course reports, essays, problem sheets, online exercises and tests). Examinations normally last two and a half hours for first and second years and three hours for final-year papers. Final-year students undertake a research project/investigative project worth 15 or 30 credits; these are assessed with a detailed written report, oral presentation, poster and an interview. The main examination period is in May/June, with deferred exams and resits in August for first- and second-year students. The format of undergraduate examinations varies among programmes and may include multiple choice questions (MCQ), extended matching questions (EMQ), short answer questions, problem-solving or case-based exercises, and essays.

Our teaching

All our programmes involve a mixture of classroom activities and laboratory work. A variety of teaching styles are employed, which vary slightly among modules and programmes. Most material is delivered via lectures. These last around 50 minutes each and, typically, you would have two lectures per day. Lectures are backed up with small-group tutorials and workshops, where you have the opportunity to ask, in a relatively relaxed and small group setting, about material in lectures that you did not understand, to go through problems and practise past exam papers. In general, lectures, tutorials and workshops take place in the mornings and laboratory classes in the afternoons.

A typical weekly workload would be:

- Eight one-hour lectures
- 9-12 hours of practical laboratories or workshops
- 18-20 hours of private study/coursework.

Admissions

Admission is by UCAS form and normally successful applicants will be invited to an open day to gain more information about their chosen programme and the School, and to meet our staff. Interviews are not usually required.

Further information

School of Biological and Chemical Sciences
Tel: +44 (0)20 7882 3200/3014
Fax: +44 (0)20 7882 7732
email: sbcs-admissions@qmul.ac.uk
www.sbcs.qmul.ac.uk

For further information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions Office:
Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international





Zoology with Aquatic Biology students on a fieldtrip at Esthwaite Water in Cumbria.



Graduate profile: Charlotte Bell

Studied: BSc Zoology

Currently: Consultant ecologist, WYG

Why did you choose Queen Mary?

I was impressed by the School's links with London Zoo, Natural History Museum and the Aquarium. I also wanted to experience living in London.

How did your time at Queen Mary prepare you for work?

All the ecology theory, general report writing and time management skills that I learned are of high importance in my job.

Did you encounter any difficulties securing this job, and how did you get over them?

It can be an immensely difficult career to get into. I started by sending letters to all the ecological and environmental consultancies asking for work experience. I also did voluntary work for my local wildlife trust and joined my local bat group and reptile and amphibian group. I managed to get some work with a local ecologist helping out with bat surveys, and later on with newt and reptile surveys, and from there, got other part-time and short-term contract work during the survey seasons. I just stuck at it, and two years later I finally landed this, my first permanent ecological consultant job.

What does your current job involve day-to-day?

The summer months are very busy for ecologists. Any development has to have protected species surveys completed prior to planning permission being granted. So I normally have two or three reptile surveys, bat roost assessments, dusk/dawn bat surveys, great crested newt surveys between March and June, water vole and otter surveys, and dormouse surveys. In addition to the surveys I have to write reports, ecological advice notes and proposals.

What can current students do to prepare for getting a job in your area?

Get as much work experience as you can. Ecologists will always need help in the survey season with field work – particularly with bat, reptile and newt surveys.

Biological Sciences Degree programmes



Biochemistry

C700 BSc/Bioc (three years)

Programme description

Biochemistry is the study of the chemistry of living organisms. You will divide your time between chemistry and biology, although the balance can be adjusted to suit your interests and aptitudes. 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 the catalysts and controllers of chemical reactions. In addition to modules covering 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.

Programme outline

Year 1 Compulsory modules: Foundations of Organic Chemistry • Organic Functional Group Chemistry • Physical Chemistry for Biologists • Kinetics and Coordination Chemistry • Heredity and Gene Action • Basic Biochemistry • Cell Dynamics • Essential Skills for Biologists

Year 2 Compulsory modules: General Microbiology • Membrane Biochemistry • Chemistry of Biological Molecules • Techniques for Biological and Chemical Sciences • Genes and Bioinformatics • Metabolic Pathways • **Options include:** Animal Physiology • Cell Biology and Developmental Genetics • Fundamentals of Neurobiology • Microbial Physiology and Growth

Year 3 Compulsory modules: Integrative Studies in Biological Sciences • Protein Structure, Folding and Assemblies • Membrane Proteins • Enzyme Catalysis • Molecular Basis of Disease • Biochemistry Research Project/Investigative Project/Project Skills in the Life Sciences • **Options include:** Neuroscience: From

Molecules to Behaviour • Developmental Biology and Cell Signalling • Endocrine Physiology and Biochemistry • Functional Genomics and Epigenetics

For information on medically related subjects at Queen Mary, please see page 218.

Biology

C100 BSc/Biol (three years)

Programme description

Biology is the right programme for you if you want a broad-based degree covering the whole of the biological sciences, or, if you wish to defer a decision about specialisation until later in your studies. In your first year, you can choose from a wide range of modules, covering subjects such as genetics, evolution, physiology and biochemistry. In the second and final years, you can either retain this broad approach, or choose to specialise. For example, if modules like Tropical Ecology or Turtles, Seals, Whales and Dolphins appeal to you, along with extensive fieldwork in Borneo or Dorset, you can choose to graduate in Zoology. Alternatively, you can select molecular module options and choose to graduate in Genetics. These are just two of a range of possibilities; for more information see: www.sbcs.qmul.ac.uk

Programme outline

Year 1 Compulsory modules: Essential Skills for Biologists • Cell Dynamics • Heredity and Gene Action • Diversity of Life • Basic Biochemistry • Conservation and the Environment • Evolution • **Options include:** • Chemistry for Biologists • Ecological and Environmental Techniques • Introductory Chemistry

Year 2 Options include: Animal Physiology • The Invertebrates • Cell Biology and Developmental Genetics • Evolutionary Genetics • General Microbiology • Membrane Biochemistry • Populations, Communities and Ecosystems • Techniques for Biological and Chemical Sciences •



Transmission Genetics • Aquatic Ecosystems: Structure and Function • Basic Immunology • Fundamentals of Neurobiology • Fish Biology and Fisheries • Genes and Bioinformatics • Global Change Biology • Metabolic Pathways • Microbial Physiology and Growth • Statistical Methods in Biology

Year 3 Compulsory modules: Integrative Studies in Biological Sciences • Biological Science Research Project/Investigative Project/Project Skills in the Life Sciences • **Options include:** Behavioural Ecology • Endocrine Physiology and Biochemistry • Human Genetics and Genomics • Membrane Proteins • Molecular Basis of Disease • Advanced Aquatic Biology • Developmental Biology and Cell Signalling • Mammals and Evolution • Enzyme Catalysis • Neuroscience: from Molecules to Behaviour • Parasites and Infectious Disease • Functional Genomics and Epigenetics • Topics in Public Health Microbiology • Tropical Ecology and Conservation • Population and Chromosome Genetics • Turtles, Seals, Whales and Dolphins

Please note that this programme includes one compulsory module and several optional modules with a field-course component. These modules generally require your attendance at a location away from Queen Mary outside of the normal teaching semesters and you may be required to meet travel costs and subsistence costs for these courses which are in addition to payment of the normal university fees for the programme.

For information on medically related subjects at Queen Mary, please see page 218.

Biology with Psychology

C1C8 BSc/BWP (three years)

Programme description

Biology with Psychology is the right programme for you if you want to study psychology as a natural and

Career opportunities

Biology

A degree in Biology will prepare you for work or further training in the life sciences, including teaching, research, environmental monitoring and regulation, as well as careers in the growing biotechnology industry. Other graduates go on to jobs that make use of the transferable skills they have learned during their scientific education.

Biology with Psychology

This programme will equip you with a range of transferable analytical, research and communication skills valued by employers in science and non-science careers as well as skills in understanding individual and group behaviour. The programme can also be a pathway to professional training in psychology via a graduate diploma psychology conversion course (see www.bps.org.uk) and postgraduate training in the psychological and biological sciences.

experimental science alongside biology. You will cover core topics including cognitive psychology, social and developmental psychology, personality and individual differences. This will be supported by compulsory and option modules in genetics, evolution, animal physiology and neurobiology. You will be able to conduct a final-year project in one of several areas of biological and experimental psychology.

Programme outline

Year 1 Compulsory modules: Essential Skills for Biologists • Exploring Psychology • Evolution • Cognition, Evolution and Behaviour • **Options include:** The Diversity of Life • Cell Dynamics • Heredity and Gene Action • Basic Biochemistry • Conservation and the Environment • Chemistry for Biologists • Introductory Chemistry • Ecological and Environmental Techniques

Degree programmes

Year 2 Compulsory modules: Cognitive Psychology • Animal Physiology • Social and Developmental Psychology • Fundamentals of Neurobiology • Statistical Methods in Biology • **Options include:** Evolutionary Genetics • General Microbiology • Transmission Genetics • Metabolic Pathways • Genes and Bioinformatics • Microbial Physiology and Growth • Populations, Communities and Ecosystems

Year 3 Compulsory modules: Integrative Studies in Biological Sciences • Biological Sciences Psychology Research Project/Investigative Project/Project Skills in the Life Sciences • Personality and Individual Differences • Neuroscience: from Molecules to Behaviour • **Options include:** Behavioural Ecology • Endocrine Physiology and Biochemistry • Human Genetics and Genomics • Membrane Proteins • Developmental Biology and Cell Signalling • Mammals and Evolution • Parasites and Infectious Disease • Functional Genomics and Epigenetics • Molecular Basis of Disease • Population and Chromosome Genetics

Biomedical Sciences

B990 BSc/BMS (three years)

Programme description

Many students studying our highly rated Biomedical Sciences degree subsequently apply as graduates for entry to medicine, dentistry programmes, other healthcare-related courses and higher degrees such as MSc and PhD. The School of Biological and Chemical Sciences maintains close links with Barts and The London School of Medicine and Dentistry. We have an excellent record of preparing our graduates for admission to medicine and dentistry, with more than 20 students on average successfully gaining places at Barts and The London School of Medicine and Dentistry alone every year; many graduates will also gain places at other medical schools in London and the rest of the UK. The programme is designed with this in mind, with modules in the preclinical subject areas including anatomy, physiology, microbiology, molecular sciences and pharmacology. The curriculum also includes specialised modules such as Clinical Microbiology, Cell Pathology, Immunology and Cancer Biology, many of them taught by staff at Queen Mary's medical school, Barts and The London School of Medicine and Dentistry. The BSc Biomedical Science (Hons) degree is also accredited by the prestigious Institute of Biomedical Science, and many of our graduates choose to pursue careers as biomedical scientists within the NHS.

Programme outline

Year 1 Compulsory modules: Chromosomes and Gene Functions • Biomolecules of Life • The Microbial World and Humans • Biomedical Physiology I • Human Anatomy • Tissue Biology • The Human Cell • Essential Skills for Biologists

Year 2 Compulsory modules: Biomedical Pharmacology • Essential Biochemistry for Human Life • Human Molecular Biology • Biomedical Physiology II • Techniques in Biomedical Sciences • Basic Immunology • Clinical Microbiology • **Options include:** Fundamentals of Neurobiology • Cell Biology and Developmental Genetics • Nutrition and Whole Body Metabolism

Year 3 Compulsory modules: Biomedical Sciences Case Approach to Problem Solving • Molecular Clinical Microbiology • Endocrine Physiology and Biochemistry • Cancer Biology • Cellular Pathology and Blood Science • Biomedical Science Research Project/Investigative Project/Project Skills in the Life Sciences • **Options include:** Neuroscience: From Molecules to Behaviour • Developmental Biology and Cell Signalling • Human Genetics and Genomics

For information on medically related subjects at Queen Mary, please see page 218.

Genetics

C400 BSc/Gen (three years)

Programme description

Many of the most fundamental questions in biology concern genetics: How does an organism develop from a single cell? What is the basis for the similarities and differences between individuals, and between species? Why do some diseases seem to run in families? Molecular genetics is behind some of the most spectacular recent advances in the biomedical sciences, including the sequencing of entire genomes from humans and other organisms. All of this would have been unthinkable without a detailed understanding of DNA. 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.

Programme outline

Year 1 Compulsory modules: The Diversity of Life • Basic Biochemistry • Heredity and Gene Action • Evolution • Cell Dynamics • Conservation and the Environment • Essential Skills for Biologists • **Options include:** Introductory Chemistry • Chemistry for Biologists

Student Profile



Jessica Guy

Genetics

“London had always appealed to me as a city to study in, and an open day at Queen Mary sealed the

deal. The programme offered everything I was looking for, and the School of Biological and Chemical Sciences felt welcoming – most importantly I felt comfortable there. The campus, student village and social areas have a chilled out, friendly atmosphere, making it a great place to study and live.

“You’ll always find something to tickle your fancy in east London. Nights out on Brick Lane are always a winner for cocktails or curries – it’s the best place for them. Saying that, if you don’t want to venture off campus, the Drapers’ (Students’ Union bar) is a good night out. There’s also an amazing gym with cheap membership and loads of classes, and even if you do end up feeling like you’re dying in spinning classes, it’s well worth it. Oh, and a summer picnic in Victoria Park is a must. In the winter you can’t beat a good caramel latte in Ground (one of many campus cafes) in between lectures. If you can nab a comfy sofa, it’s the perfect place to chill out or study.

“I was a student rep during my first year, which involved helping to put students’ ideas forward and letting staff know what we, as a student body, were thinking. I’m also part of the PASS (peer assisted study support) mentoring scheme, where once a week we hold drop-in sessions for first years to approach second years with any queries – anything from what books are recommended to where’s good to eat.”

Year 2 Compulsory modules: Cell Biology and Developmental Genetics • Statistical Methods in Biology • Evolutionary Genetics • Genes and Bioinformatics • Transmission Genetics • Metabolic Pathways • **Options include:** Basic Immunology • Animal Physiology • General Microbiology • Membrane Biochemistry

Year 3 Compulsory modules: Human Genetics and Genomics • Developmental Biology and Cell Signalling • Integrative Studies in Biological Sciences • Functional Genomics and Epigenetics • Genetics Research Project/Investigative Project/Project Skills in the Life Sciences • Population and Chromosome Genetics • **Options include:** Mammals and Evolution

Career opportunities

Biomedical Sciences

A number of our Biomedical Science graduates go on to medical degrees at Barts and The London School of Medicine and Dentistry and other UK medical schools. The Biomedical Sciences programme is also highly relevant for research and teaching careers, as well as careers in the pharmaceutical, biotechnology, water, and food technology industries and laboratory-based bioscience employment in the NHS and other healthcare areas.

Genetics

A thorough knowledge of genetics is crucial to all areas of medicine and healthcare, including careers in medical research, genetic counselling and as a medical technician. Some students will go on to study for a further degree, aiming for a career as a research scientist, while others will use the skills they have acquired studying genetics to move into non-scientific areas like management, finance or law.

Medical Genetics

This programme is ideal for students interested in further study in medicine or genetics, or research careers in universities, research institutes and medical charities. It also prepares students for careers in research, management or sales in the biotechnology or pharmaceutical industries. Medical Genetics will also suit students considering careers in the healthcare sector.

- Parasites and Infectious Disease
- Membrane Proteins
- Enzyme Catalysis

Please note that this programme includes a compulsory module with a field-course component, and this generally requires your attendance at a location away from Queen Mary for several days outside of the normal teaching semesters.

For information on medically related subjects at Queen Mary, please see page 218.

Medical Genetics

C431 BSc/MGen (three years)

Programme description

Building on a close relationship with our world-renowned medical school, our Medical Genetics programme offers students 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,

Degree programmes

development and disease, and explores the evolution of diseases within human populations (with particular emphasis on viral and sexually transmitted diseases). Students will study the mitochondrial and human genomes in depth, and gain a valuable introduction to medical research, genetic counselling and bioethics.

Programme outline

Year 1 Compulsory modules: The Diversity of Life • Basic Biochemistry • Heredity and Gene Action • Evolution • Cell Dynamics • Tissue Biology • Essential Skills for Biologists • **Options include:** Introductory Chemistry • Chemistry for Biologists

Year 2 Compulsory modules: Cell Biology and Developmental Genetics • Evolutionary Genetics • Human Molecular Biology • Transmission Genetics • Basic Immunology • Statistical Methods in Biology • **Options include:** Genes and Bioinformatics • Microbial Physiology and Growth • Fundamentals of Neurobiology

Year 3 Compulsory modules: • Human Genetics and Genomics • Cancer Biology • Integrative Studies in Biological Sciences • Genetics Research Project/Investigative Project/Project Skills in the Life Sciences • Population and Chromosome Genetics • Functional Genomics and Epigenetics • **Options include:** Neuroscience: From Molecules to Behaviour • Developmental Biology and Cell Signalling • Topics in Public Health Microbiology

For information on all medically related subjects at Queen Mary, please see page 218.

Zoology

C300 BSc/Zoo (three years)

Programme description

Queen Mary has a long record of research achievement in understanding the structure, physiology, distribution and behaviour of animals – from microscopic creatures to turtles, seals, whales and dolphins. 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 Borneo to study tropical ecology, and to coasts of Britain to study marine life.

Programme outline

Year 1 Compulsory modules: The Diversity of Life • Basic Biochemistry • Heredity and Gene Action • Evolution • Cell Dynamics • Conservation and the

Environment • Essential Skills for Biologists • **Options include:** Introductory Chemistry • Chemistry for Biologists • Ecological and Environmental Techniques

Year 2 Compulsory modules: Animal Physiology • The Invertebrates • Statistical Methods in Biology • **Options include:** Cell Biology and Developmental Genetics • Evolutionary Genetics • Populations, Communities and Ecosystems • Transmission Genetics • Aquatic Ecosystems: Structure and Function • Basic Immunology • Fish Biology and Fisheries • Genes and Bioinformatics • Global Change Biology • Fundamentals of Neurobiology • Transmission Genetics

Year 3 Compulsory modules: Mammals and Evolution • Zoology Research Project/Investigative Project/Project Skills in the Life Science • Integrative Studies in Biological Sciences • **Options include:** Behavioural Ecology • Endocrine Physiology and Biochemistry • Population and Chromosome Genetics • Advanced Aquatic Biology • Developmental Biology and Cell Signalling • Parasites and Infectious Disease • Tropical Ecology and Conservation • Turtles, Seals, Whales and Dolphins

Please note that this programme includes one compulsory module and several option modules with a field-course component. These modules generally require your attendance at a location away from Queen Mary outside of the normal teaching semesters. In the final year there are also modules with more extended field-courses available as options. If you register for these modules you will have to meet travel costs and subsistence costs for these courses which are in addition to payment of the normal university fees for the programme.

For information on medically related subjects at Queen Mary, please see page 218.

Career opportunities

Zoology

Many graduates in Zoology move on to medically related careers: healthcare, clinical medicine, dentistry, veterinary medicine or nursing; others are employed in areas relating to the life sciences, such as environmental monitoring. Alternatively, some graduates choose to study for a further degree, or take jobs in industry.

Zoology with Aquatic Biology

Career prospects include jobs in the Environment Agency, fisheries management, conservation, and regulatory bodies. You will also be well-equipped to pursue a research career within academia (eg, via the School's own masters and PhD programmes).

Zoology with Aquatic Biology

C3C1 BSc/ZWAQ (three years)

Programme description

Queen Mary has one of the strongest aquatic biology research groups in the UK, with world-leading expertise in the study of marine, estuarine, and freshwater ecosystems. This programme is designed to equip zoologists with the skills required to become specialists in aquatic biology. You will be taught the fundamentals of vertebrate and invertebrate biology, in addition to modules focused on ecology, behaviour and conservation. There is a strong emphasis on practical skills, with modules that offer field courses that will take you to Borneo to study tropical ecology, to the west coast of Scotland to study marine mammals and to South Wales for coastal and freshwater invertebrates.

Programme outline

Year 1 Compulsory modules: The Diversity of Life • Basic Biochemistry • Heredity and Gene Action • Ecological and Environmental Techniques • Evolution • Cell Dynamics • Conservation and the Environment • Essential Skills for Biologists

Year 2 Compulsory modules: The Invertebrates • Fish Biology and Fisheries • Animal Physiology • Aquatic Ecosystems: Structure and Function • Populations Communities and Ecosystems • Global Change Biology • Evolutionary Genetics • Statistical Methods in Biology

Year 3 Compulsory modules: Integrative Studies in Biological Science • Behavioural Ecology • Advanced Aquatic Biology • Aquatic Biology Research Project/Investigative Project • **Options include:** Mammals and Evolution • Population and Chromosome Genetics • Parasites and Infectious Disease • Turtles, Seals, Whales and Dolphins • Tropical Ecology and Conservation

Please note that this programme includes one compulsory module and several option modules with a field-course component. These modules generally require your attendance at a location away from Queen Mary outside of the normal teaching semesters. In the final year there are also modules with more extended field-courses and you will have to meet travel costs and subsistence costs for these courses which are in addition to payment of the normal university fees for the programme.

For information on medically related subjects at Queen Mary, please see page 218.



Student Profile

Hitesh Mistry

Biomedical Sciences

"I chose Queen Mary because it is the only London-based university which has all the main facilities, accommodation and departments on one campus. Additionally, the fact that the lecturers are conducting research which is being published means that we are being taught by people who have direct first-hand experience in their areas of expertise.

"The best thing about the course is the variety of modules. I am able to study a range of different aspects of biology, yet still see how they integrate with each other. I also think that the course is well structured, the University well organised and the newly updated buildings have all the facilities we require.

"The most interesting thing that I have done on my course was the practical sessions of my Human Anatomy modules. We were given access to pro-sections and skeletons in order for us to learn and visualise the location, shape and attachment of various muscles, ligaments, blood vessels and much more. This practical experience was enjoyable and really helpful."

Business and Management

Business Management (BSc)

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School of Business and Management

FAQs

What is business and management at Queen Mary?

The study of business and management touches on many different areas – after all, a good understanding of how businesses work, and how to manage them successfully, is essential across the whole range of sectors, from industry and education to health and politics.

Today's businesses are subject to ever-increasing regulations, market and geo-political forces; all require people to run them, and all have target client groups they need to satisfy. The study of business and management is the study of these factors, locating them in the context of key trends and contemporary developments.

Why study business and management? What can I do afterwards?

When studying business and management you will develop an understanding of how people organise themselves to produce goods and services in geographical, political, social, economic and technological contexts.

You will gain the opportunity to:

- Enhance your ability to critically evaluate and present ideas in a logical manner
- Develop analytical skills
- Gain an appreciation of the different trade-offs in decision-making by businesses
- Construct and understand different types of financial analysis
- Become highly numerate
- Develop excellent research, presentation and writing skills
- Understand and critically analyse business and management theories
- Learn to employ qualitative and quantitative research methods.

These skills are highly valued by employers in a wide range of organisations in industry, finance and commerce, as well as in the public sector and charities. Our graduates work in the financial services as analysts, brokers, consultants and investment bankers, as well as in a range of other industries, particularly in advertising, marketing and sales roles. Others go on to study for higher degrees.

Why study business and management at Queen Mary?

We have built a strong reputation for our distinctive approach, in particular our focus on the interdisciplinary nature of business and management. In the government's most recent Research Assessment Exercise (RAE 2008), the School demonstrated outstanding success and ranked joint 25th out of 90 business schools in the UK. The College as a whole was ranked in the top 10 per cent of UK universities, and 11th overall (according to the *Guardian*). This means that you will be learning from people who are experts in their field, who will pass on their knowledge and passion for their subject to you. You can find out more about our research at: www.busman.qmul.ac.uk/research

Our location in London, between the City and Canary Wharf, provides a focus for many of our modules. You will study key strategic issues in the metropolis, including financial management, human resource management, marketing, management and organisational innovation. This strategic focus means our students are up to date with new developments and possibilities across many business sectors.

We concentrate on developing your communication and presentation skills, as well as your ability to offer insightful analysis and creative thinking. We draw on a long history of human thought, working on the principle that a truly practical business education teaches you to think beyond textbooks, management fads, and memorised formulas for success.

There is currently a huge demand for new business leaders who can see the big picture of the relationship between business and society, and who can understand the centrality of sustainability, human development, democracy and accountability in business practices. The sort of education offered by Queen Mary, one that draws together the many disparate factors involved in business and management, will prepare you well to meet those demands.

The School organises a number of events annually (such as research workshops, open lectures and research seminars), with internationally acclaimed guest-speakers in various fields relevant to business and management. For example, we have recently hosted speakers from the University of Cambridge; the University of California, Skidmore College, USA; and the University of the West Indies.

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: 340 points from three A-levels. You should aim to get AAB at A2. However, if you do not perform as well in one subject and do better in others, then that is acceptable providing you gain the minimum number of points overall required for the degree programme.</p> <p>Additional information: AS-level subjects are not counted towards the 340 point requirement. You must also have five GCSEs at grade A-C including B in English and B in maths.</p> <p>Excluded subjects: General Studies and Critical Thinking.</p>
Vocational or applied A-levels	<p>Acceptability: Acceptable only when combined with other qualifications.</p>
BTEC Level 3 Diploma (120 credits)	Not accepted
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable on its own.</p> <p>Subjects and grades required: Overall DDD.</p> <p>Additional information: You must have 5 GCSEs, graded at A-C including B in English and B in mathematics.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own.</p> <p>Subjects and grades required: 34 points overall with at least six in Standard Level English or five in Higher Level English, and at least four in (any level) of mathematics.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own.</p> <p>Subjects and grades required: 80 per cent overall, and at least 8.0 in English and a pass in mathematics.</p>
Access to HE Diploma	<p>Credits and grade required: Pass on OCN-recognised Access course with Distinction in at least 36 Level 3 credits.</p> <p>Additional information: You must have 5 GCSEs, graded at A-C including B in English and B in mathematics.</p>
European and international qualifications	<p>We require an IELTS 7.0 overall band score, or internet-based TOEFL 100 Total Score. The College accepts a wide range of EU and international qualifications. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.</p>

Key facts

Assessment

The BSc in Business Management is a three-year degree, taught within the College's modular system. You are expected to take eight modules per year, each of which is normally assessed by a combination of coursework (group reports, presentations, assignments) and/or an examination in May or June. You will therefore normally have taken twenty-four modules in completing your degree. The modular system allows much more flexibility than the traditional system. Subject to meeting a module's prerequisites, you may in principle choose from modules taught in the School of Business and Management, as well as those from all other schools and departments in the College (except the School of Medicine and Dentistry). You will need to make sure, however, that your choice of modules is consistent with the structure of the Business and Management degree, and modules taken outside the School should be complementary to your main studies. Your Academic Adviser will guide you through this process and approve your module choices. Examination and assessment regulations are described here: www.arcs.qmul.ac.uk/examinations

Our teaching

Typically, each module runs for one semester (12 weeks) and normally features a one/two hour lecture and a one hour seminar per week. A lecture is led by an academic who lectures to a large group of students all of whom are taking the same module. Seminar groups have approximately 15-20 students. Seminar teaching involves a variety of student-centred activities which also include (but not exclusively) individual and group presentations, group work, and discussion groups.

Admissions

All applications should be made through UCAS, the Universities and Colleges Admissions Service. If you are a UK student, the best way to apply is online at: www.ucas.ac.uk International and EU students are encouraged to contact their local British Council Office who will be able to offer advice. You are strongly recommended to apply before the closing date in January 2013.



Graduate profile: Mohammed Arslan Saeed

Studied: BSc Business and Management, graduated 2011

Currently: Financial Analyst Al-Rajhi Bank (KSA)

Why did you choose Queen Mary?

It had a great reputation among my peers, both for the atmosphere on campus and teaching quality.

How did you find out about your current job?

I grew up in the Middle East. Coming back to work here was always on the cards. My interviewers (and later colleagues) were impressed with my educational credentials, and I have become acquainted with a great many people who have studied at one of the University of London colleges.

What does your current job involve day-to-day?

As part of the International Banking team for the largest Islamic Bank in the world, I manage the financial trends, risks and reporting for all of Al-Rajhi's International Branches. I am also currently being trained in the areas of Portfolio and Credit Risk Management.

Further information

For general information, please contact:
Student Support Reception
School of Business and Management;
The Bancroft Building; Mile End Road; London E1 4NS
Tel: +44 (0)20 7882 8570
Fax: +44 (0)20 7882 3615
email sbm-enquiries@qmul.ac.uk
www.busman.qmul.ac.uk

You can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions and Recruitment Office on:
Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international

Business and Management Degree programmes



Business Management

NN12 BSc/BusMan (three years)

Programme description

The primary aim of the Business Management degree programme is to develop your ability to make critical analysis and evaluations relevant to management. This is achieved by building an understanding of the forces at work in business alongside knowledge of management techniques. Our emphasis on the interconnected nature of business management and society often leads us to consider questions that are not traditionally considered to be within the remit of a business school, for example critical and postmodern theories of organisations, and social dynamics in societies. We believe that this interconnected approach is central to the scholarship and teaching that needs to take place in a modern business school. Our distinctive academic culture with its focus on interdisciplinary links offers you a wide-ranging and inspiring programme. You will graduate prepared to take up the challenge of addressing complex business and management issues in your future work.

Business and Management Modules

Year 1 Compulsory modules: Academic Skills • Accounting for Business • Business and Society • Economics for Business • Introduction to Marketing and Communications • Markets and Society • Quantitative Research Methods for Business • Work and Employment

Year 2 Options include: • Advanced Accounting for Business • Business Law • Coordination and Social Dynamics • Critical and Post-Modern Theories of Organisations • Ethics and Business • Financial Institutions • Governance and Business Strategy • Human Resource Management • Managerial Accounting • Managing Knowledge • Marketing • Microeconomics for Managers • Occupational

Psychology • Operations Management • Organisation Theory • Research Methodology • Strategy

Year 3 Options include: • Business Management Dissertation • Business and Social Approaches to Social Media – Opportunities and Issues • Consumer Psychology • Corporate and Social Responsibility • Employment Relations • Financial Management • Innovation and Entrepreneurship • International Business • Managing Diversity • Managing Knowledge-based Organisations • Organisational Change and Development • Organisation and Identity • Social and Political Marketing • Social Networks

Please note the modules listed above may be subject to change.

Career opportunities

Business Management

Business Management teaches a variety of highly valued skills, which are applicable in a wide range of organisations, both large and small. You will be well placed to pursue careers in industry, finance and commerce, as well as in the public sector and charities. Recent graduates have found work as advertising and marketing executives, brokers, business analysts, investment / merchant bankers, financial advisers, management consultants, market research analysts, recruitment consultants and stockbrokers. Employers include: Abbey, Amazon.co.uk, Bloomberg, Credit Suisse, Deloitte, Deutsche Bank, Henderson Global Investors, John Lewis, National Health Service, Santander and Selfridges.



STUDENT PROFILE

Naman Chhabra

Business Management

“After completing my school in New Delhi, the first thing on my mind was to find an institution that would enhance my future career prospects by providing a practical and innovative learning experience. For me, the most essential things were the standing of the university on a global level and the rank of the business school. It didn’t take me long to zero in on Queen Mary.

“My first year at Queen Mary has been a fantastic experience. The Business School has totally proved the worth of its high rankings. I have found the modules highly innovative and intriguing. In one of my modules, for example, I learnt about global business situations not only from a textbook and lectures but by watching Hollywood movies. This might sound a bit absurd at first glance, but after going through the whole process, I realised that it’s an extremely practical and intelligent way of learning business.

“All the teachers are highly supportive and try their level best to elucidate a particular topic, whether with the help of visual gadgets, in lectures or through extensive discussion in small seminar groups.

“Apart from the academic front, Queen Mary also has a very strong social culture. I joined the Hindu Society and the Business Society, which helped me to socialise with business students from other years and stay in touch with my culture while I’m away from home.”

Chemical Sciences

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School of Biological and Chemical Sciences

FAQs

What is chemistry at Queen Mary?

Do you have a keen interest in the big 'how' and 'why' questions in science? If so, chemistry could be the right choice for you. Sometimes described as the 'unifying science subject', chemistry embraces biology, medicine, physics and mathematics.

No other subject provides such a comprehensive understanding of how the world is put together, and gives you the skills and techniques to apply this knowledge in the real world. For example, chemistry is the common theme in the following diverse activities: making fireworks; creating new textiles, fabrics and dyes; restoring works of art; manufacturing food preservatives; improving the performance of pharmaceutical drugs; solving crimes using forensic evidence; and working as a scientific patent lawyer.

Why study chemistry? What can I do afterwards?

Chemistry is a highly challenging and rewarding subject that is interesting and extremely relevant to modern society. It is concerned with all the aspects of the physical and chemical properties of matter, the determination of their structure and composition, their reactions and how they can be utilised to produce useful products and materials. The four-year Chemistry MSci is now the industry-standard qualification and the course of choice for those serious about a career in chemistry. The three-year BSc degree offers a highly regarded training for those who wish to pursue a career outside mainstream chemistry, or wish to pursue a specialised MSc programme.

As a chemistry graduate, you will possess a wide technical knowledge and understanding, as well as practical skills. After graduation, the majority of our students continue in chemistry, either studying for higher degrees (PhD) or working in industry, including the agrochemical and food sectors and, most popularly, the pharmaceutical sector, often at multinational household names such as GlaxoSmithKline and Pfizer. However, during your degree you will also develop essential transferable skills. Our degree programmes will:

- Teach you to be a good communicator
- Improve your team-working skills, while also enabling you to work alone in a logical, organised and methodical fashion
- Develop your manual and practical skills through conducting and designing experiments
- Provide you with excellent analytical and numeracy skills, plus skills in data-handling and interpretation

- Improve your general IT skills and give you experience of using specialist scientific databases and chemistry software.

As a result, our graduates are highly sought after by employers in fields as diverse as banking and finance, politics, law, IT, scientific journalism and broadcasting and accountancy.

Why study chemistry at Queen Mary?

We are one of the biggest departments in the UK and you will have access to a great range of expertise. Our teaching is highly acclaimed and in the most recent National Student Survey (NSS 2011), 95 per cent of our students were satisfied overall with the quality of their programme, making us the top chemistry department in London for student satisfaction.

Chemistry is housed in the modern £13m Joseph Priestley Building, which contains two large teaching laboratories, research laboratories and specialist instrument rooms, providing you with outstanding modern chemistry facilities. The range of degree programmes that we offer gives you the flexibility to choose a programme that matches your particular interests. However, many modules are also common to several programmes, giving you the possibility to move between programmes as your interests and aptitudes develop during the first year of your studies. Subject to satisfactory exam performance, there is the option for students on the F153 Pharmaceutical Chemistry programme to spend the third year as a paid year working in industry as an assessed part of the degree. This is an invaluable experience, and also provides the opportunity to gain contacts for possible future employment.

For many Queen Mary students, the highlight of their undergraduate career is the final-year project – an opportunity to carry out original research alongside established leading researchers. This can involve an extensive laboratory-based project, working alongside research staff and students and the opportunity to make a real contribution in an active area of chemical research. Previous project titles include: *Anti-ageing: resveratrol and the end of human ageing?*; *Tamiflu: how can chemists make it?*; *Is there really water on the moon?*; *Can coordination chemistry be useful in reducing global warming?*

The School recognises the time, effort and passion that students invest into their A-level (and equivalent) studies and a number of scholarships are available for outstanding students.

For more information about these scholarships, please see www.sbcs.qmul.ac.uk

Entry requirements

All applications are looked at individually by members of the Admissions team. You will also be required to attend an interview.

<p>A/AS-levels</p>	<p>Tariff/Grades requirement: All programmes (F100, F103, F1C7, F152, F153, F154) require 300 points at A2-level, and chemistry A2 with a minimum grade B. Mathematics to at least AS-level is also desirable. Biology A2 and chemistry A2 with a minimum grade C are required for Biochemistry (C700).</p> <p>Additional information: In addition to specifically required subjects, other A2-level subjects that may be accepted include: another science subject (preferable), English, a language, a traditional humanities subject or a social science. A fourth subject at AS-level is not required if three A2-level subjects are offered. Usually GCSE mathematics grade C and GCSE English grade C (or equivalent) are required.</p> <p>Excluded subjects: General studies.</p>
<p>Vocational or applied A-levels</p>	<p>Vocational subjects at A2-level are only accepted with high grades and only for certain programmes.</p>
<p>BTEC Level 3 Diploma (120 credits) (excluding early years)</p>	<p>Acceptability: Not accepted for F103, F152, F153. For other programmes acceptable only when combined with relevant A2-levels.</p> <p>Subjects and grades required: We will consider applications on a case-by-case basis from students with BTEC National Certificate in combination with relevant A2-levels, where there is clear evidence of exceptional quality and when we are satisfied that the qualification offered is of sufficient academic rigour; this will involve an interview prior to any offer being made.</p>
<p>BTEC Level 3 Extended Diploma (180 credits) (excluding early years)</p>	<p>Acceptability: Not accepted for F103, F152, F153. For other programmes acceptable on its own and combined with other qualifications. We will also consider applications on a case-by-case basis from students with BTEC National Diploma, where there is clear evidence of exceptional quality and when we are satisfied that the qualification offered is of sufficient academic rigour; this will involve an interview prior to any offer being made.</p>
<p>International Baccalaureate</p>	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 32 points overall • Chemistry-based programmes (F100, F103, F1C7, F152, F153, F154): 32 points overall, must include chemistry (HL) and two other subjects to be specified (HL or SL) with grade 5 and mathematics desirable • Biochemistry (C700): 32 points overall. Must include biology (HL) and chemistry (HL) with a grade 5 and another subject to be specified (HL or SL) at grade 5.</p>

European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 75 per cent including chemistry and biology (depending on programme)</p>
Access to HE Diploma	<p>Acceptability: We will consider applications on a case-by-case basis from students with Access to HE Diploma where there is clear evidence of exceptional quality and when we are satisfied that the qualification offered is of sufficient academic rigour; this will involve an interview prior to any offer being made.</p> <p><i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries
Open University OpenPlus Scheme	Students coming through the Open University OpenPlus scheme are accepted directly into the second year of the F100 BSc Chemistry programme. Students are expected to pass modules in S151, S104, SXR103, S288 and S205. Students are usually interviewed prior to commencing their studies with the Open University,
Other qualifications	The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.
Science and Engineering Foundation Programme (CCX1, FFX1, FFY1)	For students studying A-levels, offers will normally be around 240 points at A2-level (depending upon the subjects being studied). Offers will normally be higher for students who have not studied science subjects at an advanced level. Applications from mature students, and from students studying vocational courses, will be considered on an individual basis, but applicants should note that this programme is generally not suitable for students who have taken vocational courses without substantial chemistry content.

Please note, these entry requirements are guidelines only, and are subject to change. All applications are considered on a case-by-case basis and normally involve an interview, please contact the School for more information.

Key facts

Assessment

For all programmes, you must take 120 credits (normally eight modules) in each academic year. Each module is assessed through a combination of theory examinations (typically accounting for 70-90 per cent of the final mark) and coursework (for example practical reports, problem sheets, online exercises and tests). Theory examinations are normally two and a half hours long. Final year BSc students may undertake a research project worth 30 credits, while final year MSci students undertake a project worth 60 credits; these projects are generally assessed by a combination of detailed written report, a seminar presentation, a poster and an interview. There are presently no mid-session exams and the main examination period is in May/June, with the additional possibility of deferred exams and resits in August for first and second year students. The format of undergraduate examinations varies from module to module and may include multiple choice questions (MCQ), short answer questions, problem-solving or essays.

Our teaching

Chemistry teaching is delivered using a variety of teaching methods, including traditional lectures (up to 180 people), workshops (20-40 people) and small group tutorials (around five people). We place great importance on our small group teaching, in modules such as Essential Skills for Chemists and Project Skills in Chemistry as this is where students can gain individual attention and really test and practise their understanding of topics. Being an experimental and practical subject, there are also plenty of laboratory classes to support the material being taught in classes. Students typically have eight hours of lectures per week, normally in the morning, with two or three afternoons of workshops and laboratory classes per week.

Admissions

Your application will be assessed on the basis of your personal statement, your UCAS reference, predicted grades, and will usually involve an interview (except for C700 Biochemistry). Successful applicants will receive an offer post-interview.

Further information

School of Biological and Chemical Sciences
Tel: +44 (0)20 7882 3200/3014
Fax: +44 (0)20 7882 7732
email: sbcs-admissions@qmul.ac.uk
www.sbcs.qmul.ac.uk

For further information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions Office:
Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international



Professor Mike Watkinson performs an experiment at Salters' Festival of Chemistry, which is hosted annually at Queen Mary, University of London



Graduate profile: Paresh Masuria

Studied: MSci Pharmaceutical Chemistry

Currently: Working as a Senior Scientist at GlaxoSmithKline (GSK) within the pre-clinical sector of drug development.

Why did you choose Queen Mary?

Firstly, for its reputation within the pharmaceutical field, which is ever growing. The College also offers a variety of sports and leisure activities, such as football and cricket, as well as some of the most modern facilities in London, and the newly developed student halls, which have been stylishly built. Queen Mary's location also offers students a centre of academic excellence near to many cultural institutes as well as West End shopping.

What did you gain from your time at Queen Mary?

I learned to study hard and play harder. Queen Mary helped me to graduate with a first-class degree, allowing me to realise my ambition of working for GSK, one of the leading pharmaceutical companies in the world. Furthermore, there were many social activities and groups which I enjoyed during my time at the College. They gave me the opportunity to unwind as well as develop some great friendships.

Salary bracket: **£25-35,000**

What are your career plans in the next five years?

To advance in my role within GSK by becoming a Project Rep for screening the latest treatments for cancer. There are many firms doing research to work towards curing cancer, and I would like to be part of helping the many millions of people across the globe who suffer from this illness.

I hope that in time my experience and knowledge will serve me well to fulfil this ambition, and of course, a higher salary in the future is always nice!



Chemical Sciences Degree programmes



Biochemistry

C700 BSc/Bioc (three years)

Programme description

Biochemistry is the study of the chemistry of living organisms. You will divide your time between chemistry and biology, although the balance can be adjusted to suit your interests and aptitudes. 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 the catalysts and controllers of chemical reactions. In addition to modules covering enzymes, and membrane biochemistry, 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.

Programme outline

Year 1 Compulsory modules: Foundations of Organic Chemistry • Organic Functional Group Chemistry • Physical Chemistry for Biologists • Kinetics and Coordination Chemistry • Heredity and Gene Action • Basic Biochemistry • Cell Dynamics • Essential Skills for Biologists

Year 2 Compulsory modules: General Microbiology • Membrane Biochemistry • Chemistry of Biological Molecules • Techniques for Biological and Chemical Sciences • Genes and Bioinformatics • Metabolic Pathways • **Options include:** Animal Physiology • Cell Biology and Developmental Genetics • Fundamentals of Neurobiology • Microbial Physiology and Growth

Year 3 Compulsory modules: Integrative Studies in Biological Sciences • Protein Structure, Folding and Assemblies • Membrane Proteins • Enzyme Catalysis • Molecular Basis of Disease • Biochemistry Research Project/Investigative Project/Project Skills in

the Life Sciences • **Options include:** Neuroscience: From Molecules to Behaviour • Developmental Biology and all Cell Signalling • Endocrine Physiology and Biochemistry • Functional Genomics and Epigenetics

For information on medically related subjects at Queen Mary, please see page 218.

Chemistry

F100 BSc/Ch (three years)

F103 MSci/Ch (four years)

Programme description

Chemistry is the central science, interfacing with mathematics and physics, biology and medicine. The programme is concerned with all aspects of the physical and chemical properties of matter, including the nature of atoms and molecules; the determination of their structure and composition; their reactions; and finally, how they can be utilised to produce useful products and materials, as society demands. The degree offers an excellent and highly regarded training in both theoretical and practical chemistry. Each year involves a core of 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. In addition, you have a choice of option modules in later years, giving you the opportunity to specialise in one particular area.

The three year programme gives an excellent grounding in chemistry for those who may wish to pursue careers outside the chemical industry, while the four year MSci is the standard qualification for those wishing to follow a career in chemistry. During the final year, you will conduct an extended original research project. These programmes have been recognised by the Royal Society of Chemistry and lead



to Associate Member of the Royal Society of Chemistry status.

Programme outline

Year 1 Compulsory modules: Essential Skills for Chemists • Foundations of Organic Chemistry • Organic Functional Group Chemistry • Atomic, Molecular and Ionic Structure • Elements of Physical Chemistry • Kinetics and Coordination Chemistry • Basic Biochemistry • Analytical Chemistry

Year 2 Compulsory modules: Constructing Organic Molecules • Chemistry of Biological Molecules • Transition Metal Chemistry • Molecules from First Principles • Techniques for the Biological and Chemical Sciences • Main Group Chemistry • Spectroscopy and Molecular Structure • Chemistry of Condensed Matter

Year 3 (F100) Compulsory modules: Contemporary Inorganic Chemistry • Synthesis of Pharmaceutically Active Molecules • Molecules and Ions at Interfaces • Topics in Biological Chemistry • Project Skills in Chemistry/Chemistry project • Advanced Experimental Chemistry • **Options include:** Cancer Chemotherapy • Biological and Medicinal Inorganic Chemistry • Protein Structure, Folding and Assemblies

Year 3 (F103) Compulsory modules: Contemporary Inorganic Chemistry • Synthesis of Pharmaceutically Active Molecules • Molecules and Ions at Interfaces • Topics in Biological Chemistry • Project Skills for Chemists • Advanced Experimental Chemistry • **Options include:** Cancer Chemotherapy • Protein Structure, Folding and Assemblies

Year 4 (F103) Compulsory modules: MSci Chemistry Research Project • Colloidal Chemistry • Biological and Medicinal Inorganic Chemistry • **Options include:** Organic Synthesis I • Organic Synthesis II • Drug, Design and Development

Career opportunities

Biochemistry

Graduates with a BSc degree in Biochemistry may go on to careers in medicine and dentistry, or study for a further degree such as an MSc or PhD. Graduates have also gone on to jobs such as work in a medical laboratory. Many diverse and rewarding career opportunities are possible having obtained a degree in Biochemistry because of the transferable skills gained throughout the programme.

Chemistry

The vast range of skills acquired during a chemistry degree are in great demand in the UK. This is reflected in the wide range of careers pursued by our graduates. Recent examples include: research chemists; laboratory technician; teaching; data analyst; public health officer; market researcher; (IT) consultant; project officer (BUPA); NHS administrator; veterinary medical student; medical student; dental student; oceanography student; finance and accounting staff; sales staff; medical representative; scientist for the National Institute of Biological Standards and clinical scientist for the NHS. A large number of MSci graduates continue their studies to PhD level.

Degree programmes

Chemistry with Biochemistry

F1C7 BSc/CWB (three years)

Programme description

By combining training in the core disciplines of chemistry and biochemistry, this degree develops a solid understanding of the chemistry involved in biological systems. The programme covers both organic and physical chemistry, with a grounding in inorganic chemistry. These fundamentals are then applied to the study of biological and metabolic processes. The programme contains a high level of laboratory instruction and training, with laboratory classes taking place in the new multi-million pound state-of-the-art laboratories housed in the Joseph Priestley Building on the Mile End campus.

This programme has been recognised by the Royal Society of Chemistry and leads to Associate Member of the Royal Society of Chemistry status.

Programme outline

Year 1 Compulsory modules: Atomic Molecular and Ionic Structure • Organic Functional Group Chemistry • Foundations of Organic Chemistry • Kinetics and Coordination Chemistry • Elements of Physical Chemistry • Basic Biochemistry • Heredity and Gene Action • Essential Skills for Chemists

Year 2 Compulsory modules: Constructing Organic Molecules • Transition Metal Chemistry • Techniques for Biological and Chemical Science • Chemistry of Biological Molecules • Membrane Biochemistry • Molecules from First Principles • **Options include:** Animal Physiology • Metabolic Pathways • Genes and Bioinformatics

Year 3 Compulsory modules: Contemporary Inorganic Chemistry • Advanced Experimental Chemistry • Molecules and Ions at Interfaces • Synthesis of Pharmaceutically Active Molecules • Topics in Biological Chemistry • Project Skills in Chemistry/Chemistry Project • **Options include:** Molecular Basis of Disease • Endocrine Physiology and Biochemistry • Membrane Proteins • Functional Genomics and Epigenetics • Protein Structure, Folding and Assemblies • Enzyme Catalysis

For information on medically related subjects at Queen Mary, please see page 218.

Pharmaceutical Chemistry

F154 BSc/PhaChe (three years)

F152 MSci/PhaCh (four years)

Programme description

Pharmaceutical Chemistry provides the type of training required to work in the pharmaceutical industry in the discovery and development of new medicines. The emphasis of the degree is on training in synthetic organic chemistry, while also providing a good general foundation in physical and inorganic chemistry. In addition you will receive insights into pharmacology, the way drugs work, physiology, biochemistry and cancer chemotherapy.

The four year MSci is the standard qualification for those wishing to follow a professional career as a research chemist in the pharmaceutical industry. The three year programme gives an excellent grounding in pharmaceutical chemistry, suitable for those who wish to pursue other careers in the industry or allied areas. During the final year of the MSci programme, you will conduct an extended original research project.

These programmes have been recognised by the Royal Society of Chemistry and lead to Associate Member of the Royal Society of Chemistry status.

Programme outline

Year 1 Compulsory modules: Atomic Molecular and Ionic Structure • Organic Functional Group Chemistry • Foundations of Organic Chemistry • Kinetics and Coordination Chemistry • Elements of Physical Chemistry • Basic Biochemistry • Heredity and Gene Action • Essential Skills for Chemists

Year 2 Compulsory modules: Constructing Organic Molecules • Transition Metal Chemistry • Introduction to Drug Action • Chemistry of Biological Molecules • Techniques for Biological and Chemical Sciences • Chemical Pharmacology • Animal Physiology • Molecules from First Principles

Year 3 Compulsory modules: Cancer Chemotherapy • Contemporary Inorganic Chemistry • Synthesis of Pharmaceutically Active Molecules • Molecules and Ions at Interfaces • Topics in Biological Chemistry • Advanced Experimental Chemistry • Project Skills in Chemistry/Chemistry Research Project (F154 only)

Year 4 (MSci programme only) Compulsory modules: Chemistry MSci Research Project (60 credits) • Organic Synthesis I • Organic Synthesis II • **Options include:** Colloidal Chemistry • Endocrine Physiology and Biochemistry • Biological and Medicinal Inorganic Chemistry • Drug, Design and Development • Enzyme Catalysis

For information on medically related subjects at Queen Mary, please see page 218.



Career opportunities

Chemistry with Biochemistry

Many graduates of this programme have been attracted by opportunities in the rapidly growing field of biotechnology. There is also a high demand for graduates with skills in both chemistry and biochemistry in the pharmaceutical industry, analytical laboratories and in areas such as production, quality control, and marketing. Careers employing chemists and biochemists outside the laboratory environment include patent registration, intellectual property law and scientific publishing.



Degree programmes

Pharmaceutical Chemistry with a Year in Industry

F153 MSci/PhChIn (four years)

Programme description

This programme closely follows the content of the traditional MSci Pharmaceutical Chemistry degree – the first two years are identical – but also gives you the option (subject to performance and interview) of spending your third year undertaking paid work in the pharmaceutical industry. This year in industry 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. The fourth (final) year is then spent back at Queen Mary.

This programme has been recognised by the Royal Society of Chemistry and leads to Associate Member of the Royal Society of Chemistry status.

Programme outline

Year 1 Compulsory modules: Atomic Molecular and Ionic Structure • Organic Functional Group Chemistry • Foundations of Organic Chemistry • Kinetics and Coordination Chemistry • Elements of Physical Chemistry • Basic Biochemistry • Heredity and Gene Action • Essential Skills for Chemists

Year 2 Compulsory modules: Constructing Organic Molecules • Transition Metal Chemistry • Introduction to Drug Action • Chemistry of Biological Molecules • Techniques for Biological and Chemical

Career opportunities

Pharmaceutical Chemistry

The pharmaceutical industry is currently the largest employer of chemistry graduates in the UK. The combination of chemistry and biology studied in these programmes, together with the major grounding received in synthetic organic chemistry, leaves graduates well-prepared for employment in this sector. Other graduates go on to careers in the petrochemical industry, analytical chemistry, medical sales and marketing, scientific journalism, patent law or finance. A large number of MSci graduates continue their studies to PhD level.

Science • Chemical Pharmacology • Animal Physiology • Molecules from First Principles

Year 3 Compulsory modules: Pharmaceutical Chemistry Industrial Placement • Synthesis of Pharmaceutically Active Molecules by Distance Learning • Contemporary Inorganic Chemistry by Distance Learning • Molecules and Ions at Interfaces by Distance Learning

Year 4 Compulsory modules: Advanced Chemistry Project • Organic Synthesis I • Drug, Design and Development • Biological and Medicinal Inorganic Chemistry • Colloidal Chemistry • Organic Synthesis II

For information on medically related subjects at Queen Mary, please see page 218.





STUDENT PROFILE

Trisha Bihal

Chemistry

“Queen Mary has a brilliant reputation, as well as outstanding records of results. When I came to an open day, I was made to feel very comfortable and picked up friendly and welcoming vibes – that was when I decided to come and study here. Out of five I would rate Queen Mary: four for teaching excellence; four for innovation; and five for academic and study facilities.

“It’s a great area to be a student, there are loads of things to do: explore the parks, activities, nightlife – even the go-karting and rock climbing adventure parks just off the Mile End Road. I have many favourite places on campus, the Library where we can work in groups (especially to revise), and the Francis Bancroft and Joseph Priestley building computer rooms which are ideal for independent work. But best of all is the Hive (study centre).

“It’s a fab place for chilling out with friends and taking a more relaxed approach to working. It’s also ideal for getting to know new people and sharing the experience of being a Queen Mary student.

“There are great lab facilities. By far the most interesting thing I’ve done so far is carry out laboratory experiments and use the results to come to a conclusion about a fake murder case.

“I was a course rep last year, it was a wonderful experience as I was able to voice opinions and share thoughts on behalf of the chemistry body. I also took part in the Children in Need appeal.”

Comparative Literature

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School of Languages, Linguistics and Film

FAQs

What is comparative literature at Queen Mary?

It is about making comparisons – and connections – between challenging themes and motifs in different literatures and cultures.

As well as having the opportunity to study a range of genres, time periods, and national literatures (all studied in translation), you can cross nationalities and even time periods. You could also examine links between literature and a whole range of other art forms: such as music; film; popular culture; visual arts – again, looking for links across cultures, geography and time. You could be exploring fairy tales in the modern world, the European novel and tragedy, Greek myths, Romantic Experience, Orientalism, American cinema, the short story, or children's literature.

Comparative Literature at Queen Mary is about choice and flexibility: you can select modules from a wide range, including some creative options such as script-writing. It is also about breadth of approach and keeping an open mind.

Why study comparative literature?

What can I do afterwards?

Comparative Literature at Queen Mary will develop an impressive list of the sort of transferable skills highly valued by today's graduate employers. These will include:

- analytical ability: all that high-level sleuthing for links and differences will make you highly logical while also developing your intuitive skills. You will be able to digest a large amount of information quickly and effectively
- related to the above – highly sophisticated reading skills: this means that you will be able to read lengthy pieces without being sidetracked by 'fluff', and then summarise and précis with impeccable 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, from group projects.

As for careers, remember that two thirds of graduate jobs are open to any graduate: the subject does not matter. It is your skills that will get you the great jobs.

Graduates in Comparative Literature are likely to be attracted to fields such as the media and PR, where their interest in broad culture 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 the one-year conversion course) or teaching.

Why study comparative literature at Queen Mary?

We have a vast amount of experience in the field, so you will always be taught by leading specialists of international standing whose cutting-edge research informs their high-quality teaching.

Comparative Literature is taught in the thriving School of Languages, Linguistics and Film. In the Government's most recent Research Assessment Exercise (RAE 2008), we were ranked highly for the quality of the research being carried out by staff. In particular, Linguistics was ranked 1st in the UK, and Russian and Iberian Languages were ranked in the top 10. This means that you will be taught by people who are breaking new ground in their fields, who will be able to pass on their passion and knowledge to you. We also did very well in the 2011 National Student Survey, with 91 per cent of students satisfied with the quality of the course overall; 95 per cent stating that the course is intellectually stimulating; and 97 per cent agreeing that staff are enthusiastic about what they are teaching.

Then there is the exciting range of option modules. Not only can you choose modules from all the language departments and Film Studies, but you can also venture into other humanities departments including History, English, Drama, Politics... the choice is yours. Students are assigned an Adviser, so you will be able to discuss your module choices with them.

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

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: 340 points from three A-Levels in any subject (with none lower than a grade B) for the following programmes: Q200, QQ21, QP23, RQ12 and VQ12. RQ12 additionally requires an A-level or equivalent in French. For Comparative Literature with a language, except French, (QR22, QR24, QR27): 320 points from three A-levels with minimum B in the chosen language and none lower than a grade C. We may also consider applicants who gain the correct points score from two A-Levels and two AS-levels in relevant subjects.</p> <p>Additional information: You may study a language without having studied it before (except for French) provided that you have a proven ability in a foreign language. Applicants whose first language is not English must obtain a grade B in GCSE English Language or equivalent, or will be required to have IELTS 7 (with grade 7 in writing). If you are studying Russian from beginners level you will undertake a preliminary year of Russian language.</p> <p>Excluded subjects: General studies and critical thinking.</p>
Vocational or applied A-levels	<p>Acceptability: Up to two vocational A-levels may be offered, or one double award, but applicants must also offer at least one GCE A-Level at grade B or above (in the chosen language, in the case of Comparative Literature with a Language).</p>
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with other qualifications.</p> <p>Subjects and grades required: Overall Double Award DD plus an additional qualification.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: Overall DDM for QR22, QR24, QR27. Overall DDD for Q200, QQ21, QP23, RQ12 and VQ12.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 34 points overall for: Q200, QQ21, QP23, RQ12 and VQ12 with 6 in relevant subject at higher level. For all other programmes 32 points overall • Must include 6 in English and another language for Comparative Literature with a Language.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 80 per cent with a minimum 8/10 in a relevant subject for: Q200, QQ21, QP23, RQ12 and VQ12. For all other programmes 77 per cent with a good pass in a language for Comparative Literature with a Language and 8/10 in English.</p>
Access to HE Diploma	<p>Achieve the Access to HE Diploma including Distinction in at least 24 Level 3 credits, and Merit in at least 12 Level 3 credits. <i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification. Flexibility shown for mature students.</p>

Key facts

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 independently and in depth a sustained piece of research on a subject or case study of your own devising.

For further information regarding assessment for specific modules, please see:
www.sllf.qmul.ac.uk/courses

Our teaching

You will typically have eight hours of lectures and seminars per week, with class sizes ranging from 20 to 70 students. Large lectures are normally accompanied by smaller seminar groups or small working groups. All members of staff have office hours during which you are free to visit for further discussions regarding your work.

Admissions

Admission is by UCAS form. Transfer or mature applicants may be invited for interview or asked to produce a piece of written work. An offer is usually followed by an invitation to one of our post-application open days.

Further information

For further information, please contact:
 Administrator: UG Admissions
 School of Languages, Linguistics and Film
 Tel: +44 (0)20 7882 8331
 Fax: +44 (0)20 8980 5400
 email: sllf-ug@qmul.ac.uk

For further information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800.

International students should contact the Admissions Office on:
 +44 (0)20 7882 5511
 email: admissions@qmul.ac.uk
www.qmul.ac.uk/international



Comparative Literature Degree programmes



Comparative Literature

Q200 BA/Clit (three years)

Programme description

This innovative programme offers everyone – including those without a foreign language – an opportunity to discover in translation the literatures and cultures of Europe, Latin America and beyond. Our modules explore literature and culture from the Classical period to the Twenty-First Century, introducing you to a spectrum of themes, genres and movements as they evolve both within and beyond national and cultural boundaries. Teaching consists of a combination of lectures with seminars and tutorials.

Programme outline

Year 1 Introduction to Literature: Texts and Contexts • Introduction to Comparison • The Scene of Teaching

• **Options include:** Brief Encounters: Short Stories and Tall Tales • The Opposite of Science: How to Do Things with Poems • European Culture and Society • The Romantic Experience

Year 2 The Scene of Reading • **Options include:** Art and Revolution • Fairy Tales in the Modern World • Presentations of London in Modern European Literature, Film and Fine Art • Literature and Philosophy • European Tragedy

Year 3 The Scene of Writing • **Options include:** Photography: The Self and its Image • Poetry and Poetics of Resistance • Faust in Legend, Literature and the Arts • Comparative Literature Research Project

Comparative Literature and Film Studies

QP23 BA/CLFS (three years)

Programme description

This degree programme is split equally between the two subjects and helps you make theoretically informed 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 the United States, Latin America and the major European nations, and introduces you to major theoretical and critical developments in film studies. Advanced options in the second and final years permit you to concentrate on the aspects of literature and film that interest you the most, while a research project allows you to bring the two disciplines together.

Programme outline

Year 1 The Scene of Teaching • Introduction to Literature: Texts and Context • Introduction to Film • Brief Encounters: Short Stories and Tall Tales • The Opposite of Science: How to Do Things with Poems • Stars • Auteursim: The European Tradition

Year 2 The Scene of Reading • What is Cinema? Critical Approaches • **Further comparative literature options include:** Fairy Tales in the Modern World • Presentations of London in Modern European Literature, Film and Fine Art • **Further film options include:** Introduction to British Cinema • The French New Wave • Scriptwriting

Year 3 The Scene of Writing • **Comparative literature options include:** Lost in Translation? • Poetry and Poetics of Resistance • Touch and Read: The Five Senses in Literary Modernism • **Further film options**



include: Contemporary Hollywood Cinema • Contemporary German Cinema • Spanish Cinema: The Films of Pedro Almodóvar • French Film After Auschwitz • Film Philosophy • Mapping Contemporary Cinema

Comparative Literature and Linguistics

QQ21 BA/CLL (three years)

Programme description

You 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 alongside modules focusing on particular aspects of both subjects. Advanced options in the second and final years permit you to concentrate on the areas of literature and linguistics that interest you the most while the joint research project enables you to bring the two subjects together.

Programme outline

Year 1 Introduction to Literature: Texts and Context • Introduction to Comparison • The Scene of Teaching • Foundations of Linguistics • **Options include:** Languages of the World • Language in the UK • English in Use • Introduction to Sociolinguistic Variation • Language Acquisition • Brief Encounters: Short Stories and Tall Tales • The Opposite of Science: How to do Things with Poems

Career opportunities

Comparative Literature graduates are likely to be attracted to fields like the media and PR, where a broad interest in culture will provide an invaluable background. Writing skills are useful in journalism, advertising, marketing and a range of other high-profile professions. You could also go into professions such as law (by taking the one-year conversion course) or teaching, education, publishing and broadcast media. The skills that students on these programmes acquire are highly transferable to the professional market place. You might also like to look at the section on careers at the end of the Languages section.

Year 2 The Scene of Reading • **Comparative Literature options include:** Art and Revolution • Approaches to Fairy Tales • Literature and Philosophy • **Linguistics options include:** The Linguistics of Storytelling • Language and Ethnicity

Year 3 The Scene of Writing • Comparative Literature/Linguistics Research Project • **Options include:** Faust in Legend, Literature and the Arts • Poetry and Poetics of Resistance • Touch and Read: The Five Senses in Literary Modernism • Formal Semantics • Ethnography of Communication • Structures of Spoken English • Bilingualism • Sex, Gender and Language

Degree programmes

French and Comparative Literature

RQ12 BA/FrCL (four years)

German and Comparative Literature

QR22 BA/GerCL (four years)

Hispanic Studies and Comparative Literature

QR24 BA/HSCL (four years)

Russian and Comparative Literature

QR27 BA/RusCL (four years)

Programme description

Your degree is split equally between your language and Comparative Literature. 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. 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 four introductory literature modules, and four modules in your chosen language area, including two in the written and spoken language. In your second and final years, you will take advanced module options concentrating on particular literary themes, movements and genres, plus a comparative literature research project. Core language modules continue to assist you in developing your linguistic skills, and you will spend a year abroad in a country where your chosen language is spoken. This may be spent studying at one of our partner universities, or taking up a work placement. For more information about the year abroad see www.slif.qmul.ac.uk

Programme outline

(The example below is for French and Comparative Literature, but similar pathways exist for the other languages and Comparative Literature).

Year 1 Introduction to Literature: Texts and Contexts • The Scene of Teaching • French Foundations • French I • **Options include:** Brief Encounters • Short Stories and Tall Tales • The Opposite of Science: How to do Things with Poems

Year 2 The Scene of Reading • French II • **Options include:** Art and Revolution • Fairy Tales in the Modern World • The Edutainers: Francophone Children's Literature • Art in France: Manet to Early Picasso • Out of Place: Literature and Dislocation

Year 3 Year abroad: Written Assignment

Year 4 The Scene of Writing • French III • **Options include:** Lost in Translation? • Poetry and Poetics of Resistance • Proust • Lovers and Libertines: Eighteenth Century French Fiction • Comparative Literature Research Project

History and Comparative Literature

VQ12 BA/HCL(three years)

Programme description

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, while History complements the study of literature enabling you to gain an understanding of the intellectual, political and social context in which literature is conceived. The History programme covers all 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 permit you to concentrate on the areas of literature and history that interest you most.

Programme outline

Year 1 Comparative Literature core modules: Introduction to Literature • Introduction to Comparison • The Scene of Teaching • **Options include:** Brief Encounters: Short Stories and Tall Tales • **History compulsory modules:** Making History • **Options include:** Europe and the Wider World since 1800 • An Age of Revolution • Building the American Nation: The US 1765-1890

Year 2 Comparative Literature core modules: The Scene of Reading • **Options include:** Approaches to Fairy Tales • Photography and Narrative • European Tragedy: Renaissance to Twentieth-Century • **History options include:** Race in the United States: Slavery to Civil Rights • Anglo-American Relations • Britain and Europe 1945-1963

Year 3 Core modules: The Scene of Writing • History Research Dissertation or special subject • **Options include:** Comparative Literature Research Project • Touch and Read: The Five Senses in Literary Modernism



STUDENT PROFILE

Anja Popp

Comparative Literature

"I wanted to be in a big city and to study at a credible university doing a literature-based degree that was more diverse than your average English degree. Queen Mary ticked all the boxes, as well as being campus based (you can practically roll out of your bed to lessons). It's also connected to all the other University of London colleges which means you have loads of Students' Unions and libraries at your disposal!

"The teaching staff at Queen Mary are so inspiring, they all do tons of research aside from teaching us, so they're always in the know. They push for us to be able to do less known texts, which not only broadens our horizons, but means we are constantly exploring new topics, rather than repeating the same generic set texts.

"Queen Mary is in a great location. East London epitomises the culture and diversity of the big smoke. It has a chilled out yet happening vibe, and the most delicious curry a woman could ask for. Brick lane and Shoreditch are really funky areas to hang out in, and Stratford is like a city in a city, with all the rejuvenation for the Olympics in 2012.

"I am learning Spanish with the Language and Learning department, as whenever I go travelling I always feel really ignorant that I only speak English. I'm definitely not a natural linguist, but I'm trying really hard, and plan to join a Spanish conversational class later this year."

Design and Innovation

Design and Innovation (BEng/MEng)
Materials and Design (BEng/MEng)

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School of Engineering and Materials Science

FAQs

What is design and innovation at Queen Mary?

The study of design and innovation at Queen Mary involves an exploration of the process of inventing products that improve our lives.

An important part of design in this context is problem solving. Designers aim to find the optimum solution to meet as many of the user's needs as possible. There will never be one conclusive solution to a design problem: it is a case of finding the 'best fit' after considering the budget, aesthetics, and any practical constraints, while of course, always keeping in mind the person who will eventually be using the product.

Design is a creative and thinking process, usually centred on ideas rather than technology. However, students of design and innovation benefit from technical and materials knowledge; you will use not only creative processes, but also mathematical analysis. A unique element of our design and innovation programmes is that you will be equipped with the necessary technical skills to take design to the next level, off the page and into production.

Designers must also have excellent communication skills, which may include the ability to sketch an initial idea, present a product to a client or simply explain a concept to an engineer who will take the design forward.

Why study design and innovation? What can I do afterwards?

Design and innovation is a field that lies between art and science, combining creative and logical thinking. Our graduates are both engineering professionals who can understand and apply the latest technologies, and designers who understand creative design processes, design principles and their applications. Recent graduates have gone on to find work as project managers and interior designers among other careers. The transferable skills you gain will make you attractive to a wide range of employers. These skills include:

- Numeracy
- Teamwork
- Project management
- Presentation skills
- Analytical thinking
- Creativity.

Why study design and innovation at Queen Mary?

In the most recent National Student Survey (NSS 2011), 88 per cent of our engineering students were satisfied with the quality of their course. The quality of research taking place in the School of Engineering and Materials Science at Queen Mary was also rated highly in the Government's most recent Research Assessment Exercise (RAE 2008). This feeds directly into your experience, meaning that you will be taught by people who are making significant contributions in their field, who will be able to pass on their knowledge and enthusiasm to you.

The School of Engineering and Materials Science at Queen Mary has come together with Goldsmiths, University of London to create our unique design and innovation programmes. You will benefit from the strengths of each university: Queen Mary for the technical aspects and Goldsmiths for the more creative elements. Transport links between the two colleges are excellent – there is a direct train from Whitechapel to New Cross (where Goldsmiths is based) on the newly refurbished London Overground line.

At Queen Mary, students will benefit from:

- The School's strong links with design in the engineering industry
- Our location in a vibrant area of east London, with its flourishing art and design community
- Gaining a unique qualification that combines the development of design creativity and knowledge of technology
- Excellent workshop facilities available for exclusive use of design students.

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: For MEng programmes the minimum offer is 360 points and for BEng is 300 points from three A-levels. Offers vary based on subjects and experience.</p> <p>Additional information: A-levels should include maths or physics and a creative subject, for example art or design and technology.</p> <p>Excluded subjects: General studies and critical thinking.</p>
Vocational or applied A-levels	<p>One vocational A-level may be offered, or one double award, but applicants must also offer an A-level in maths or physics with an A-level in a creative subject.</p> <p>Additional information: Must be in related subject, eg engineering or science.</p>
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with an A-level in maths or physics and an A-level in a creative subject both at minimum grade B.</p> <p>Subjects and grades required: Overall Double Award DD • Must be in engineering or a related subject.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable only when combined with an A-level in maths or physics and strong evidence of creative experience (eg a full design portfolio).</p> <p>Subjects and grades required: Overall DDD • Must include distinction in maths • Must be in engineering or a related subject.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: MEng degree programme: 36 points overall • BEng degree programme: 32 points overall • Must include maths and creative subject at Higher Level both with at least 6 points.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 80 per cent minimum including mathematics and a creative subject.</p>
Access to HE Diploma	<p>Applicants will be considered on a case-by-case basis. Please contact the School for guidance.</p> <p><i>Recognised by the Quality Assurance Agency for HE.</i></p>
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.</p>

Entry to the programme will be based on evidence of elements of creativity as well as an interest in technology. Applicants will be invited for interview, where you will present a portfolio of work, typically including a range of art/design pieces, sketches and samples of written assignments.

Key facts

Assessment

Assessment is continuous throughout the design and innovation courses. Theoretical work is presented in lectures and seminars and then assessed through essays and exams. Practical work is assessed with written reports, projects, group work and studio work. As the courses are taught jointly with Goldsmiths, University of London some modules will be assessed there.

Our teaching

Course materials are delivered through a combination of lectures, problem-solving classes, laboratory practicals, problem-based learning and a variety of coursework. You will spend a lot of time on practical design projects in free studio time both as part of a group and individually.

Industrial experience

All our programmes are available with an option to spend a year in industry as part of your course (normally after the second year). The year will significantly develop your communication, problem solving and team working skills. It will also give you invaluable experience to draw on when applying for positions after graduation.

The School exploits its strong links with industry to help students find appropriate placements. Our Industrial Liaison Forum also encourages employers to sponsor and support students and to provide real design case studies to engage you throughout the course. Recent case studies were delivered by Bridgestone, DePuy, Apatech, Artis, Corus, BAE, DSTL and Rolls Royce.

Admissions

The standard procedure is to apply through UCAS. We select on the basis of your application and by formal interview.

Further information

Please contact the Admissions Coordinator:
Tel +44 (0)20 7882 8736
email: sems-ugadmissions@qmul.ac.uk
www.sems.qmul.ac.uk

For further information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800.

International students should contact the Admissions Office on:
Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international



Design and Innovation Degree programmes

Design and Innovation

WH21 BEng/DesIn (three years)

W242 BEng/DesIn4

(four years with Industrial Experience)

W240 MEng/Des (four years)

W241 MEng/Des5

(five years with Industrial Experience)

Programme description

This programme looks to the future, when the most successful designers will be those trained as both engineering professionals who understand and can apply the latest technologies, and designers who understand creative design processes, design principles and their applications.

The programme is aimed at students with an interest in engineering but who wish to work creatively in design. It will appeal to those who have always wanted to invent, to visualise, to create and are challenged by complex problem solving. Most importantly, you will have an imaginative and fundamental sense of how design can make a direct contribution to the quality of life.

The programme is run jointly with the Department of Design at Goldsmiths, University of London, one of the leading design departments in the country. Students will attend lectures at both universities, sometimes spending a morning at one and the afternoon at the other.

Programme outline

Year 1 Design Context 1: History and Theories • Design and Meaning • Studio Practice 1: Purpose and Performance • Technical Studies Workshop • Methods and Processes Workshop • Maths and Engineering Studies • Materials Selection and Mechanical Modelling

Year 2 Design Context 2: Society and Culture • Structural Analysis • Studio Practice 2: Human and Machine • Graphic Communication, Materials and Manufacture • Technical Studies Workshop • Methods and Processes Workshop

Year 3 Research Ideation • Innovation Strategy • Materials Selection • Group Design Project (industry sponsored) • Individual Design Project

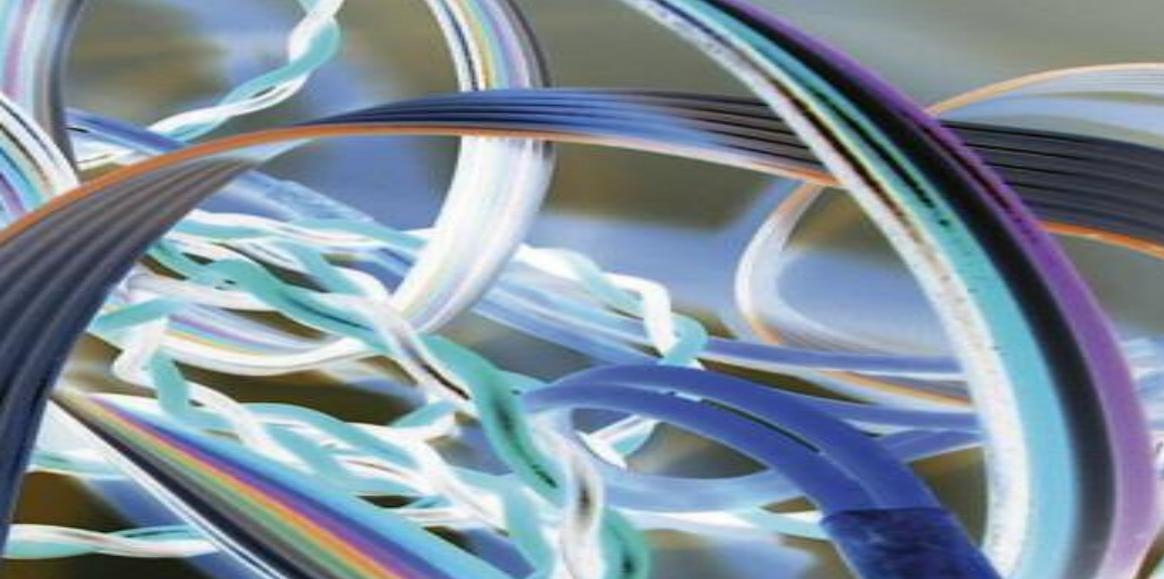
Optional year out working in industry

Year 4 (MEng) Major Individual Design Project • Design Context • **Options from:** Environmental Properties of Materials • Computer-Aided Engineering • Advanced Environmental Engineering • Manufacturing Processes • Implant Design and Technology • Medical Ethics and Law in Bioengineering

Career opportunities

Design and Innovation

Graduates from this programme will have an in-depth understanding of new technological developments and socio-cultural requirements in product development – a unique combination which ensures good career prospects in a wide range of industries, particularly those associated with design and product development. Graduates will typically take up design roles in engineering consultancies, or companies involved in research and development and product design. These companies could span a range of fields, including science, medicine, sport, transport, the aerospace industry and consumer products.



Graduate profile: Charlotte Christoffersen

Studied: BEng Design and Innovation

Currently: MA/MSc Innovation Design Engineering at the Royal College of Art

Why did you choose Queen Mary?

I chose Queen Mary for the Design and Innovation degree programme, which is innovative and hard to find anywhere else.

How did your time at Queen Mary prepare you for work?

I learnt to communicate and was prepared for professional life by getting guidance in what I am good at and how to develop those skills.

What can current students do to prepare for getting a job in your area?

Make sure to build up a diverse portfolio and a design process that is right for you. Design and Innovation is a great route into product design, and the industry understands the need for people who know how to integrate engineering and design.

Degree programmes



Materials and Design

J590 BEngMD (three years)

J591 BEngMD4 (four years with Industrial Experience)

Programme description

This is a practical programme which allows you to develop strong creative skills alongside the scientific and mathematical principles which underpin materials science. You will study core modules in materials science, focusing on the composition, structure, properties and processing of different materials, learning how they can be used to create new devices, structures and technology. Throughout the degree you will take part in original design work through individual and group projects, including creative work in the design studio. In your final year, you will combine your creative design and materials science 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 high-tech manufacturing and design industries.

Programme outline

Year 1 Design Studio • Properties of Matter • Processing and Applications • Materials Selection and Mechanical Modelling • Maths for Materials Scientists • Problem-Based Learning (PBL)

Year 2 Studio Practice • Metals • Structural Characterisation • Graphic Communication Materials and Manufacture • Polymers • Problem-Based Learning (PBL)

Optional year out working in industry

Year 3 Individual Design Project • Failure of Solids • Manufacturing Processes • Ceramics • Materials Selection and Design • Renewable Energy Materials • Environmental Properties of Materials

Career opportunities

Materials and Design Engineering

Design is one area in which the UK still outperforms the rest of the world. There is a wide variety of design-based positions in manufacturing companies globally, particularly in the automotive, consumer electronics, aerospace and supporting industries. There are also jobs in the consultancy sector. By the end of the programme, you will be well placed to pursue a design role in a wide range of high tech manufacturing and design industries.



STUDENT PROFILE

Chris Verbick

MEng Design and Innovation

"The programme itself is unique. Design and Innovation runs the full gamut from engineering to artistic design – and this is a real advantage professionally. The engineering studies we undertake at Queen Mary are essential to our understanding of design. Queen Mary has great production facilities and allows us to take our pieces from concept to creation.

"Research on one of our studio projects involved a day trip to the seaside at Southwold. We spent the morning researching and finished off the day with a trip to the local brewery. The beer was fresh and the landscape beautiful.

"I've been to many different cities and would rank east London very highly for fun and culture. There is always something going on, and there are many interesting places to explore near the Queen Mary campus. One of my favourite things to do is walk along the canal towpath just beside the Mile End campus, away from the streets and traffic. There are many green spaces and waterfowl, and it makes a very pleasant start to the day."

Drama

Drama

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English and Drama

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Film Studies and Drama

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Drama and a Language

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School of English and Drama

FAQs

What is drama at Queen Mary?

Drama at Queen Mary involves much more than the study of play texts performed in theatre buildings and the process of devising performance. We are interested in the many ways in which people perform 'themselves' and their cultures. Our work situates the production of plays, the design and building of theatres and the development of theories and techniques of acting in wider social and historical contexts. The degree asks you to analyse a wide range of theatre and performance practices including, for example, Renaissance drama, naturalism and contemporary performance art. It also asks you to theorise other cultural practices, such as political protest, tourism and sport, as varieties of performance. These areas are explored through a combination of theory and practice and through considerations that are historical, aesthetic, social, political and ethical. We offer a good breadth of coverage as well as the opportunity to focus on contemporary performance practices, cultural politics and history, applied performance, London/space/city and international performance.

Why study drama? What can I do afterwards?

You will be well prepared to pursue a career, or take further training, in a drama-related area. However, a BA in Drama will put you in an enviable position for a variety of other career choices, equipping you with a set of rigorous analytical and communication skills that give Drama graduates particularly sought-after qualities in the workplace. Whether you choose to go into the worlds of the arts, business, education, media, or journalism, to enter the public or not-for-profit sectors, or to pursue further academic study or professional training, you can expect to have developed the following skills and abilities:

- Communication
- Presentation
- Team-working
- Analytical thinking
- Writing
- Research
- Time management
- Leadership.

During your time at Queen Mary, you'll also learn to work under pressure, as you balance extensive reading commitments with written and practical tasks and assessments. Your studies will also prepare you to write successful funding applications, a skill that

may be useful for your own work, as well as valued by potential employers. You will gain technical skills too – in video and radio editing, lighting, sound and so on. Drama graduates are successful in the huge range of careers that call for people with these skill sets.

Why study drama at Queen Mary?

All our teaching is research-led, by staff members who are leaders in their field with more than 90 per cent of our academics working at a world-leading or internationally excellent level (Research Assessment Exercise 2008). This means you will learn from people who are involved in creating new work and adding to the sum of knowledge in this field, making for a truly inspiring study experience.

Drama at Queen Mary also does extremely well in university rankings and student surveys. Drama was ranked second in the UK in the *Times University Guide 2011*; and third in the UK for student satisfaction in *The Sunday Times University League Table 2010*. In the National Student Survey 2011, 100 per cent of students felt that staff were enthusiastic about what they were teaching; 98 per cent that staff were good at explaining things; and 94 per cent that the course is intellectually stimulating.

We have close links with London's cultural institutions including Shakespeare's Globe, the Barbican Centre and Tate Modern, which means you will have the opportunity to work with theatre and other arts professionals as well as lecturers who are leaders in their field. Our teaching takes place in state-of-the-art facilities, including the Pinter Studio Theatre, and a suite of purpose-built rehearsal rooms. You have full access to these facilities, along with the necessary technical support.

Our location in east London is an important element in our work, and you are encouraged to see the site of your studies as being part of your exploration of your subject. Whether in groups, or individually, you are also encouraged to investigate the unknown and the unexpected, and we have developed modules that will invite you to consider drama and performance in a variety of settings, which might include schools, hospitals, prisons, art galleries or streets as well as theatres.

We aim to develop graduates who are scholar-artists – skilled practitioners who excel in the world of ideas as well as on stage and in the studio. You are encouraged to think and create work independently as much as possible.

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: 360 points from three A-levels. A typical offer would be 360 points, with at least an A in an arts / humanities / social sciences subject. We do not consider grades achieved in general studies when calculating UCAS scores.</p> <p>Additional information: Students must gain grade A or above in at least one arts/humanities /social sciences subject.</p>
AVCE Vocational A-levels	<p>We may accept AVCE A-levels, or AVCE double award, provided you also achieve a grade A or above in drama or theatre studies, English literature or a related subject at A2. We typically require a total of 360 UCAS points.</p> <p>Additional information: Must be in drama or a related subject.</p>
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with another A-level.</p> <p>Subjects and grades required: Overall grade of DD.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable on its own and combined with another A-level.</p> <p>Subjects and grades required: Overall grade of DDD.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: At least 36 points overall. Must include at least six points in Two relevant subjects at higher level, such as theatre arts, English literature or a related subject.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: At least 85 per cent with at least 8 out of 10 in English and drama.</p>
Access to HE Diploma	<p>Credit and grade required: Achieve a Distinction in at least 15 level 3 credits (including English Literature) and Merit in at least 9 level credits. Other Kit-marked or Open College network validated access qualifications, will also be considered with a subject relevant component at A-level.</p>
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.</p>

This information is accurate at time of going to press, but please check www.drama.qmul.ac.uk for the most up-to-date entry requirements.

Key facts

Assessment

Assessment includes written and practical assignments, which might include lecture-demonstrations, essays, critical reviews, funding applications and performances. As Drama frequently involves working with others, some assessment is based around group work. However, we always try to find means of assessment that suit the subject matter being studied. We offer a wide range of practical and seminar-based module options, as well as required core modules, including, in the final year, either a written research project or an independent practical project. Drama modules involve a high level of commitment to the collective work done in practical classes and with other students outside of usual working hours.

For further information regarding assessment for specific modules, please see:
www.drama.qmul.ac.uk

Our teaching

Drama teaching happens in small seminars, workshops, small lectures, field work, tutorials and some workshop activities outside Queen Mary (for example, in local schools). You will do group work and work independently. Theory and practice are integrated across the curriculum so that in seminars you will also do some practice-based learning and in workshops you will also discuss critical reading. As well as working with Drama staff, you will also have the opportunity to work with experts and theatre

professionals from outside the College. You can expect to be in taught classes eight hours per week but also to do additional unsupervised practice in dedicated studio time four hours per week. You will sometimes dedicate additional time to preparing performance work and extra studio space is bookable for you to do this. You will also be responsible for preparing assigned reading, doing independent research and attending theatre and other cultural events across London as well as preparing work for assessment. Seminar groups generally take fewer than 21 students and workshop groups are usually smaller than 15.

Admissions

Admission is by UCAS form. We select on the basis of your application (i.e your achieved grades, your predicted grades, and your written statement) and by formal interview.

Further information

Further information on drama modules including details of the single and joint honours degrees, and descriptions of individual modules can be found at www.drama.qmul.ac.uk

For further information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions Office for further information:
 Tel: +44 (0)20 7882 5511
 email: admissions@qmul.ac.uk
www.qmul.ac.uk/international



Drama

Degree programmes



Drama

W400 BA/Drama (three years)

Programme description

Drama at Queen Mary provides a study of performance in 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 degree 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, warehouses, museums and the street, as well as theatres, 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.

Programme outline

Year 1 Core modules: Theatre and its Others • Making Theatre Work • Languages of the Body • London/Culture/Performance • The Paradox of Performance • Interventions • Performance Texts • Performance in History

Year 2 Core modules: Performance Studies and Interdisciplinarity • Group Practical Project.

In your final year you take either the Written Research Project, or the Independent Practical Project.

The remainder of your modules in your second and final year are optional. **Options may include:** Experimenters of the Twentieth-Century • Offstage London • Directors' Theatre • Feeling It: Emotion and Sensation in the Theatre • Costume Dramas: the Past Performed • South African Theatre and Performance • Managing Theatre • Staging Countercultures • Shakespeare after Shakespeare • Performance and Community • Adaptations • The Actor and The Body • Performance and Community

English and Drama

QW34 BA/EngDr (three years)

Programme description

This joint degree programme will engage you in the study and practice of performance, and the reading of texts from diverse genres and periods. It combines practical and theoretical study in a range of interconnected areas, providing a variety of approaches to English and drama as active and dynamic subjects. Along with developing an understanding of how English and drama complement one another, you will be encouraged to locate texts and performances in political, cultural and historical contexts.

Programme outline

Year 1 Core modules: Shakespeare • Reading, Theory and Interpretation • Theatre and its Others • Performance in History • Making Theatre Work • London/Culture/Performance

Years 2 and 3 In your second and third years you can choose from a range of module options. You balance your choices between English and Drama.

Options may include: Issues in Cultural Politics and Performance • Places of Performance • Reading Theatre • Naturalism • Performance and Visual Culture • Chaucer • Modernism • Costume Dramas: the Past Performed • Representing London: the Eighteenth Century • Early Modern Drama and Social Process • Shakespeare after Shakespeare • Performing the Play



Career opportunities

Drama

Drama graduates are successful in a wide range of careers. Queen Mary graduates go on to set up their own theatre companies or help to manage existing ones. Publishing, print journalism, public relations, marketing and the broadcast media are popular choices for Drama graduates who want to use their communication skills. A number of students also progress each year to take higher degrees.

English and Drama

You will be well prepared to pursue work in publishing, the media, or journalism – anywhere where skills in critical thinking and writing are required. You might also find work in the theatre as an actor, director, writer, designer or arts administrator. Alternatively, many of our graduates embark upon professional careers in marketing, public relations, finance, management, law and teaching. And every year a number of students progress to take higher degrees, both at Queen Mary and elsewhere.



STUDENT PROFILE

Emmanuel Avdijan

Drama

"I decided to study at Queen Mary because it was based in the heart of London, one of the most diverse, experimental and culturally packed cities in Europe. Everything from theatre shows, to late night comedy clubs is on your doorstep.

"I love the way our lecturers approach teaching. In one session we may start by looking at the reasons people visited the original 1599 Globe theatre, and finish with a discussion of how contemporary live art performances have pushed the boundaries of theatre to offend, judge and perhaps even reconfigure modern day theatre goes.

"I live at home but try to get involved in the social side as much as I can. There is always something taking place on campus and all societies are very open to recruiting new members."

Degree programmes

Career opportunities

Film Studies and Drama

Potential careers include directly related fields such as theatre, film and television, especially in production or creative sectors. You'll also be well placed for jobs in the media sector generally: journalism, public relations, advertising, new media and so on. Careers demanding good communication skills, such as teaching, publishing and arts programming, will be open to you, plus, of course, many other graduate careers, from management consultancy and accountancy to finance and law.

Drama and a Language

As a graduate in Drama and a foreign language you will have a great range of careers open to you. You will be well prepared to pursue work in a drama-related area, as an actor, director, writer, designer or arts administrator. In addition to your excellent communication skills – written and spoken – you will have the cultural flexibility that comes from having lived, and perhaps worked, abroad. Your training in the analysis and interpretation of material as well as in group-working and presentation skills is highly valued by employers in whatever field you choose. Linguists are in short supply in the UK so language graduates are in a strong position.

Film Studies and Drama

WW46 BA/FSDr (three years)

Programme description

This degree offers an exciting opportunity for you to study the dramatisation of our world across live and recorded media, and to explore inter-related 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 Twentieth Century theatre and film. You will explore 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. Support is provided for student productions in our purpose-built studio spaces. Queen Mary holds an extensive library collection of DVDs, in addition to London's many specialist film and theatre venues and events.

Programme outline

Year 1 Core modules: Introduction to Film • Auteurism: the European Tradition • Stars • Performance in History • Theatre and its Others • Making Theatre Work • London/Culture/Performance

Years 2 and 3 You can choose from a range of module options in Film and Drama. **Options may include:** Theatre Writings • Beyond Acting • The Actor and the Body • Making Contemporary Theatre • Madness and Theatricality • British Horror • Luis Buñuel • French New Wave • Scriptwriting • Italian Cinema • Adaptations



Students in one of the Drama studios

French and Drama

WR41 BA/FrDr4 (four years)

German and Drama

WR42 BA/GeDr4 (four years)

Hispanic Studies and Drama

WR44 BA/HSDr4 (four years)

Russian and Drama

WR47 BA/RusDr4 (four years)

Programme description

Studying Drama and a modern language gives you the opportunity to explore connections and interactions between cultural traditions. You divide your time equally between the two subjects, following modules designed to help you develop your linguistic skills and the key concepts and techniques required to study cultural practices and make performance. You will engage with a variety of performance and cultural traditions that inform both contexts and investigate the parallels between the two. You normally spend your third year in a country where your chosen language is spoken. You can choose either to study or take up a work placement.

Programme outline

This example is for French and Drama, but similar pathways exist for combinations of Drama and another language.

Year 1 Drama Core modules: Theatre and its Others • Performance in History • Making Theatre Work • London/Culture/Performance • **French Core modules:** French I • French Foundations

Years 2 and 4 Drama: You will design a programme of study with option modules which may include: Theatre for the People • Adaptations • Dramaturgy and Translation • Making Contemporary Theatre • Naturalism • **French Core modules:** French II • French III • plus additional French modules, options include: Art in France: Manet to early Picasso • French Phonetics and Phonology • The Edutainers: Francophone Children's Literature • Language and Identity in Québec • Imagining Modernity

Year 3 Year abroad spent studying or working.
Written Assignment

Graduate profile: Lauren Davis



Studied: Drama
(Performance)

Currently:
Gallery
Assistant,
Barbican Arts
Centre and
Freelance
Producer

Why did you choose Queen Mary?

Drama at QM is considered a "powerhouse" of research and performance, and is active in

National and International events such as SPILL, the National Review of Live Art and PSI. QM provides unparalleled in-house opportunities for its students to work closely with internationally renowned artists and organisations. I knew that if I went to QM, I'd be given the opportunity to work professionally with artists that students from other universities only get to read about.

What did you gain from your time at Queen Mary?

In addition to the contacts and relationships I developed with institutions and artists whilst a student, studying at QM gave me a broad base of skills such as time management, writing and the presentation of ideas, which have proved to be essential to my working environment.

Salary bracket: up to £25,000

How did you find your current job?

During my studies, I worked part-time at the Barbican Centre. As a result of this work, I developed a strong connection with the Art Gallery and was taken on in my permanent position last November. The knowledge and experience gained from my studies at QM contributed immensely to my suitability for the job, and left me familiar with a broad range of artists and theoretical concerns which are immediately relevant to my work.

In 2009, Professor Lois Weaver and QM Drama launched the AiR Project – an initiative that sustains established Live Art Practitioners, supports emerging artists and invests in the spaces that nurture their work and their audiences. Immediately after graduating, I worked with the first Artist in Residence, Helena Hunter, as a Personal Assistant. My work with Helena and the skills I developed have led to further freelance production work.

Degree programmes

Graduate profile: Jen Holton



Studied: Drama

Currently: I have been offered a role in a professional London pantomime, which should be a fun way to ease myself into the entertainment industry! I am pursuing my ambition to be a television presenter. I am currently in talks with agents regarding representation for the double act Jen and Jade.

What did you gain from your time at Queen Mary?

Throughout my time at Queen Mary, I represented the College as a member of the first team in netball and competed in both BUSA and ULU leagues. I was voted President of the Theatre Company in my final year of study, after performing with the company for two years. I also created and presented 'Flirt TV', which is nationally recognised by the Flirt franchise, resulting in the launch of Flirt TV at many other universities.

I think the emphasis on extracurricular activities as well as study is one of the best aspects of studying here, and is also one of the reasons why Queen Mary students have such a high employment rate after university.

Why did you choose Queen Mary?

As soon as I visited Queen Mary, I knew it was the right place for me to study. I was immediately drawn to the university as it is the only campus based college in central London, and I liked the community feel, but also the fact that it has all of the advantages of a city university. The fact that Queen Mary is one of the top places to study Drama in the country made it the ideal choice.

Salary bracket: up to £25,000

What are your career plans in the next five years?

In the next five years, I will continue working on my presenting career and aim to support myself solely on this venture. My main ambition is to present Saturday night television, although I am aware this may take a few years! Have a look at our work at: www.youtube.com/jenandjadetelevision



The Clod Ensemble's Red Ladies, image by Joel Anderson



STUDENT PROFILE

Vaithergei Vijayathas

Drama

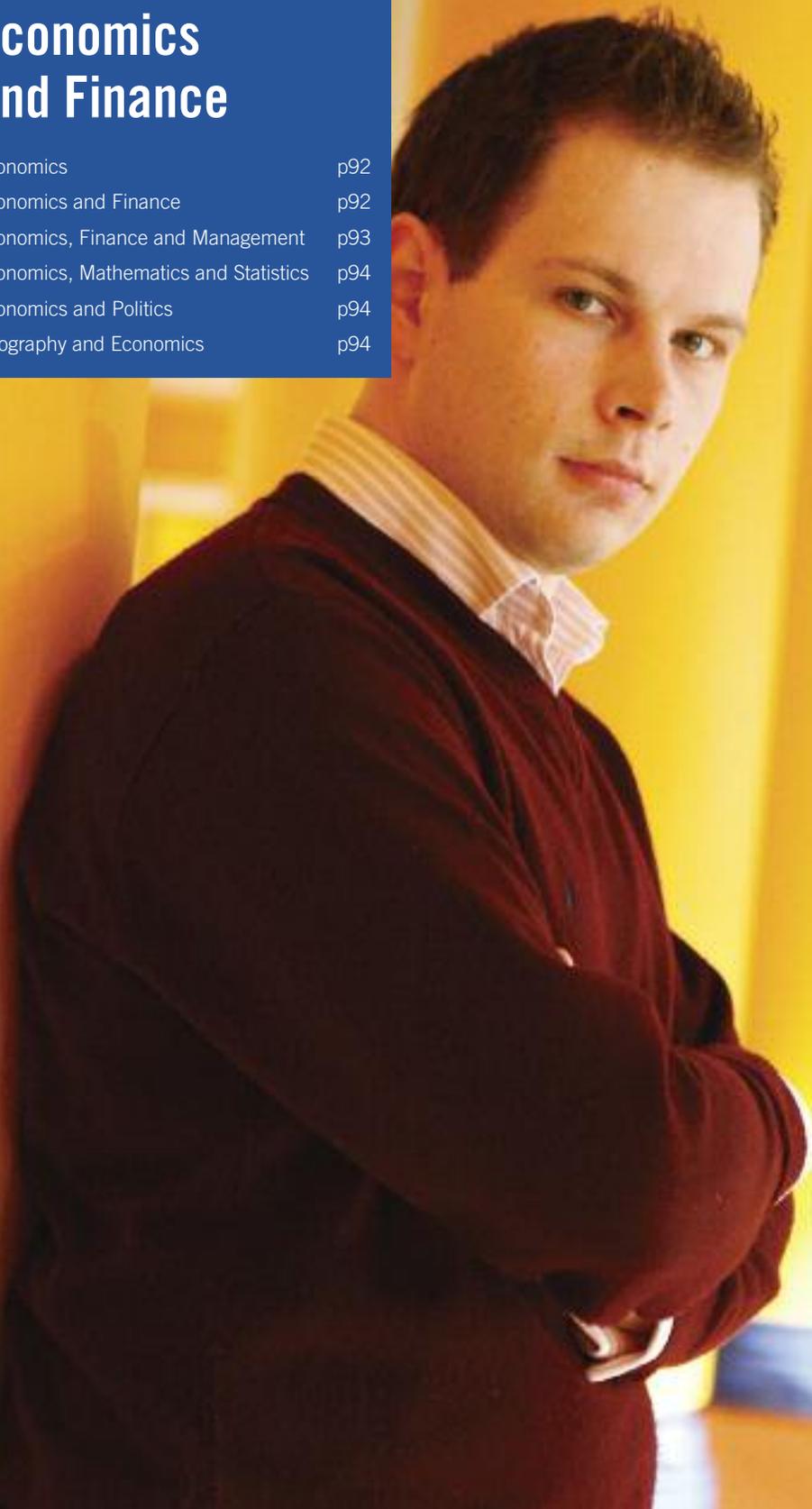
"The programme is excellent. It has exposed me to so many aspects of theatre, some which I had first covered at A-level Drama, and some that were completely new. This was very beneficial because it helped enhance the skills I had acquired in the sixth form and helped me ease my way into developing my own ideas and writings. The tutors are brilliant, particularly because most of them are performers in their own right. They are really helpful when it comes to advising us on how to start our individual research.

"The social life is pretty good. There's the Drapers' Bar on campus, as well as a good local pub. The campus is only fifteen minutes from exciting Brick Lane, and all the London clubs and theatres are in Soho which is not far away at all.

"The Uni has a gym so you can slot in a work-out while you're on campus, and they also have classes for things like aerobics, pilates, yoga, circuit training and so on. I have also joined the Queen Mary Theatre Company and did a show with them for the New Writers' Festival. They offer plenty of opportunities to perform, with three plays going to the Edinburgh Fringe Festival every year. It's not only fun, but an excellent thing for my CV. My favourite place on campus is down by the canal. It's a lovely place to relax with friends during lunch. It's also a good place to study in the summer."

Economics and Finance

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School of Economics and Finance

FAQs

What is economics at Queen Mary?

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 two major strands in economics:

- Microeconomics looks at the individual firm and consumer, attempting to understand their behaviour and motivations
- Macroeconomics focuses on the economy as a whole, covering major themes like taxation, investment, inflation and so on.

Why study economics? What can I do afterwards?

An economics degree develops a very useful (and quite unusual) combination of attributes: mathematical ability, literacy, and an understanding of abstract economic theory (that's the building blocks on which everything is based). Not surprisingly, this will make you extremely attractive to employers.

Economics graduates have very good career prospects – and earnings potential – thanks to their transferable skills:

- Numeracy
- Analytical ability
- High-level logical reasoning and problem-solving skills
- Writing ability – developed in your essays, projects, reports, and exams
- Presentation skills – from giving seminars
- Time-management ability
- Team-work – you'll do group projects and presentations
- IT skills.

Career-wise, many of Queen Mary's graduates go into finance and banking, accountancy, and a variety of City jobs. Some become professional economists working for institutions such as the Treasury or the Department for Trade and Industry. Others are attracted to financial journalism with *The Financial Times*, Reuters, etc. Employment in other parts of the public sector is also popular whether it is within the NHS, local government or education.

About a third of our students go on to higher degrees in economics, business or IT. Some start their own businesses: one established a chain of shoe shops and another set up a financial services firm in the City.

Why study economics at Queen Mary?

Economics at Queen Mary has been ranked 6th equal in the UK in the 2008 Research Assessment Exercise (RAE), with more than 85 per cent of our academics working at a world-leading or internationally excellent level. We also did well in the most recent National Student Survey (NSS 2011), with 93 per cent of our students expressing overall satisfaction with their course.

We're a young and international School, with staff from all over Europe and beyond, who are very well-connected, with links to important institutions in the City and further afield.

You'll be able to choose from a wide range of study options, a varied programme of visiting speakers, and an established exchange programme allowing you to spend a semester in Italy, Spain (studying in English), the USA or Australia.

The School offers excellent resources to its undergraduate students. We have first-rate computing facilities for economic analysis, including subscriptions to the major statistical databases, and software packages such as those used by economists in finance or in government for data analysis and simulation. In addition to central facilities provided by the College, the School has its own computing labs, with PCs and dedicated printers.

Entry requirements

A-levels	<p>Grades requirement: AAB from three A-Levels.</p> <p>Additional information: Must include A-level maths.</p> <p>Excluded subjects: General studies, critical thinking, use of maths.</p>
Vocational or applied A-levels	<p>Acceptable only when combined with other qualifications must include A level maths.</p> <p>Additional information Must be in a related subject such as maths or economics.</p>
BTEC Level 3 Diploma (120 credits)	Not accepted.
BTEC Level 3 Extended Diploma (180 credits)	Not accepted.
International Baccalaureate	<p>Acceptable.</p> <p>Subjects and grades required: 36 points • Must include HL Mathematics 5.</p>
European Baccalaureate	<p>Acceptable.</p> <p>Subjects and grades required: 80 per cent including Mathematics.</p>
Access to HE Diploma	Not accepted.
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>

Key facts

Assessment

Assessment is by a variety of methods including formal examinations, in-class tests, coursework of various forms, presentations and independent dissertation. Most modules have two methods of assessment (eg coursework and a two-hour exam).

For further information regarding assessment for specific modules, please see:
www.econ.qmul.ac.uk/undergraduate/courses.htm

Our teaching

Learning is organised around three hours of weekly contact time per module, complemented by independent work aimed at carrying out the 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.

Admissions

Admission is by UCAS application. Applicants wishing to visit the School please email visitus@qmul.ac.uk – we will arrange a campus tour plus, if required, a meeting with our Senior Tutor.

Further information

Please contact the Admissions Office on:
 Tel +44 (0)20 7882 7355
 email: admissions-team@qmul.ac.uk

We have a brochure available on request for prospective undergraduates. Up-to-date information can also be found on our website:
www.econ.qmul.ac.uk

For further information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions Office:
 Tel: +44 (0)20 7882 5511
 email: admissions@qmul.ac.uk
www.qmul.ac.uk/international

Graduate profile: Sophia Vi Vi Dinh



Studied: BSc in Economics and Finance (graduated 2009); MSc Finance and Investment (graduated 2010)

Currently: Corporate Finance Analyst, RBS

How did you find out about your current job?

Grad fairs and online. Most companies have all the information that you'll need to know about the organisation and their requirements on their graduate careers website. I started with a 10-week summer internship and then was offered a graduate position for the following year. Internships are often the best way for a company to assess if you are a promising candidate for a permanent position.

How did your time at Queen Mary prepare you for work?

It is true that there is a lot of on-the-job training. But Queen Mary prepared me by providing me with a strong grasp of the concepts of corporate finance and financial accounting. Many of the modules also require you to undertake practical projects and presentations, lifting your heads out of the books. This has helped me to apply my understanding of economic theories in practice.

Economics and Finance Degree programmes



Economics

L100 BScEcon/Ec (three years)

Programme description

This degree offers professional training in economics and finance, providing an excellent basis for employment in the private or state sector and for further academic study. The first two years cover a core of macroeconomics, microeconomics and the quantitative techniques used in economic analysis and investigation. The final-year enables you to apply this core knowledge to a variety of specialised areas.

Programme outline

Year 1 Core modules: Principles of Economics • World Economy • Mathematical Methods in Economics & Business 1 + 2 • Spreadsheets and Data in Economics • Microeconomics 1 • Macroeconomics 1 • Statistical Methods in Economics

Year 2 Core modules: Games and Strategies • Macroeconomics 2 • Econometrics 1 • Microeconomics 2 • Selected Topics in Macroeconomics • Econometrics 2 • **Plus two options from five other modules**

Year 3 Options include at least six from the following: Topics in Econometrics • Economics Project 1 • Economics Project 2 • Advanced Microeconomics • Health Economics • Development Economics • Applied Econometrics • Experimental Economics • Industrial Economics • Business Cycles • Environmental Economics • Public Economics • Labour Economics • Futures and Options • Corporate Finance 1 + 2 • Macroeconomic Policy • Corporate Strategy • Economics of Technology and Innovation

Economics and Finance

LN13 BSc/EconF (three years)

Programme description

This degree offers professional training in economics and finance, providing an excellent basis for employment in the private or state sector and for further academic study. Final-year options enable you to focus on mathematical and statistical techniques in finance or more specialised areas of economics.

Programme outline

Year 1 Core modules: Principles of Economics • Mathematical Methods in Economics and Business 1 • Spreadsheets and Data in Economics • Financial Accounting • Microeconomics 1 • Macroeconomics 1 • Statistical Methods in Economics • Mathematical Methods in Economics and Business 2

Year 2 Core modules: Macroeconomics 2 • Games and Strategies • Econometrics 1 • Financial Markets and Institutions • Microeconomics 2 • Econometrics 2 • Capital Markets 1 • Money and Banking

Year 3 Core modules: Corporate Finance 1 • Futures and Options • Corporate Finance 2 • **Plus at least three modules from the following:** Topics in Econometrics • Economics Project 1 • Economics Project 2 • Advanced Microeconomics • Health Economics • Development Economics • Applied Econometrics • Industrial Economics • Business Cycles • Environmental Economics • Public Economics • Labour Economics • Economics of Technology and Innovation • Corporate Strategy • Macroeconomic Policy



Economics, Finance and Management

LN12 BScEcon/EF (three years)

Programme description

This programme is of particular relevance if you are considering a career in business and/or finance. A range of choices enables you to develop your own areas of interest, ranging from the economic analysis of strategy, industrial organisation and new technologies, to the study of the contribution of sociology and politics to the complexity of business decisions.

Programme outline

Year 1 Core modules: Principles of Economics • Mathematical Methods in Economics and Business 1 • Spreadsheets and Data in Economics • Fundamentals of Management • Microeconomics 1 • Macroeconomics 1 • Statistical Methods in Economics • Elements of Accounting

Year 2 Core modules: Games and Strategies • Business Law • Financial Markets and Institutions • Capital Markets 1 • Microeconomics 2 • Marketing • Managerial Accounting • **Options include:** Econometrics 1 • Econometrics 2 • Money and Banking • Macroeconomics 2 • International Finance • Selected Topics in Macroeconomics

Year 3 Core modules: Corporate Strategy • Managing Human Resources • **Plus at least three modules from the following must be taken:** Corporate Finance 1 • Economics of Technology and Innovation • Futures and Options • Advanced Microeconomics • Corporate Finance 2 • **Plus three more Economic modules**

Career opportunities

Economics

Our graduates have gained employment in large firms such as Barings Asset Management, Deloitte, Goldman Sachs, and KPMG. Others have used their skills in other contexts, including financial and economic journalism and employment in the public sector. Normally, around one third of our students go on to economics postgraduate study. Notable alumni from the School include David Blanchflower (external member of the Bank of England Monetary Policy Committee).

Economics and Finance

Graduates have good analytical, problem solving, communication and teamwork skills and pursue careers in various industries, including accounting, investment banking, stockbroking, journalism and insurance. Our graduates have found employment in organisations such as the Royal Bank of Scotland, Standard Charter Capital, UBS and HSBC. About one third of our graduates pursue postgraduate studies.

Economics, Finance and Management

You will graduate with a comprehensive understanding of micro and macroeconomic theory complemented by a thorough knowledge of finance and management. Graduates have followed careers in a wide variety of sectors, including business, banking, the public sector and accounting. Specific employers include Accenture, Deloitte, Ernst & Young, Goldman Sachs, House of Fraser, Next, PWC, and Royal Bank of Scotland. Others have gone on to set up their own businesses.

Degree programmes

Economics, Mathematics and Statistics

LG11 BScEcon/EM (three years)

Programme description

You will combine a core of macroeconomics, microeconomics and the quantitative techniques used in economic analysis and investigation, taught in the School of Economics and Finance with modules in mathematics and statistics taught in the School of Mathematical Sciences. You will therefore concentrate on the more quantitative aspects of economics. Some of your work will be computer intensive, using networked terminals in the School's computer laboratories.

Programme outline

Year 1 Core modules: Economic Principles • Calculus 1 • Introduction to Probability • Geometry 1 • Microeconomics 1 • Macroeconomics 1 • Introduction to Statistics • Calculus 1

Year 2 Core modules: Games and Strategies • Macroeconomics 2 • Linear Algebra I • Statistical Methods • Microeconomics 2 • Econometrics 2 • Statistical Modelling I • Statistical Theory

Year 3 You must take six third year modules including two level 6 modules from the School of Economics and Finance. Plus two other modules from either Economics or Maths. For details of Maths modules, please see page 210.

Economics and Politics

LL12 BScEcon/EP (three years)

Programme description

Politics and Economics are closely related disciplines and this degree is especially suited to those with an interest in public policy and governmental decision-making. In the first year, you will take four Politics modules and four Economics modules. In your second and third years, you can continue to split your studies in equal proportions, or you can choose to specialise more.

Programme outline

There is a common structure to all joint honours degrees: at least nine Economics modules should be taken. The minimum Economics requirement for all joint honours degree programmes is as follows:

Year 1 Core modules: Principles of Economics • Mathematical Methods in Economics and Business 1 • Microeconomics 1 • Macroeconomics 1

Year 2 Core modules: Games and Strategies • Macroeconomics 2 • Microeconomics 2 • Statistical Methods in Economics

Year 3 You must take at least six level 6 modules including one level 6 module from the School of Economics and Finance. For details of Politics modules, please see page 250.

Geography and Economics

LL71 BScEcon/GE (three years)

Programme description

This programme allows you to apply the analytical approach of economics to the various topics studied in Geography modules. Your understanding of political economy will inform your views of contemporary geographical issues, such as the production and allocation of natural resources, and how this affects taxation. Together with compulsory core modules in both subjects, you also have a choice of option modules in Years 2 and 3, allowing you to develop your own interests.

Programme outline

Year 1 Students must take the following Economic modules: Principles of Economics • Microeconomics 1 • Macroeconomics 1 • Mathematical Methods in Economics & Business 1

Core geography modules: Introduction to Geographical Ideas and Practice • Globalisation, Development and Inequality • and **two further geography options**

Year 2 Economics modules: Statistical Methods for Economics • Microeconomics 2 • Games and Strategies • Macroeconomics 2

Core geography options: Spaces of Uneven Development • Geographical Research in Practice • Geographical Information Systems • Geography, Identity, Belonging • Health, Inequality and Society • Society, Culture and Space • Urban Futures

Year 3 There are no compulsory modules in the third year. You should choose from the lists of available options from Economics and Geography. Please make sure that you satisfy the minimum of nine Economics modules over the three years of your programme, one of which must be a third year module.



Career opportunities

Economics, Maths and Statistics

Students who complete this degree typically pursue careers in consultancy, finance, insurance, banking and accounting. Specific examples of graduate destinations include Ernst & Young, Friends Provident, Goldman Sachs, JP Morgan, Lloyds, UBS, HSBC and Transport for London.

Economics and Politics

With your understanding of micro and macro-economic theory and political theory, you will be well placed to pursue careers in international relations, diplomacy, government, development and consultancy. Specific examples of graduate destinations include the Government Economics Service and the Foreign & Commonwealth Office.

Geography and Economics

You will develop a thorough understanding of micro and macroeconomic theory and human and physical geography. Graduates develop good analytical, problem solving, communication, teamwork and research skills and have pursued careers in local government and NGOs, working on urban and economic development.

STUDENT PROFILE

Ammar Mahmood

Economics

"I always wanted to study in London, and Queen Mary offered an excellent choice of courses, as well as a campus style experience right here in the heart of the city. My course is flexible and has put me in charge of what I would like to specialise in, as well as leading to a world-renowned qualification.

"The staff are incredibly helpful, and the academic and study facilities are superb. There is never any shortage of workstations which are dotted all around the campus, and the online student services are comprehensive and easy to use.

"The social life at Queen Mary is great with the Students' Union putting on some sensational nights at the Drapers' bar on campus, as well as at Fabric and the Ministry of Sound nightclubs in central London. My personal hangout place of choice has to be the Hive (a study area next to the Library). It is newly refurbished with comfy sofas and computers, and there are no restrictions on talking to your mates like in the Library. Now that there are vending machines in there I never have to leave!

"I have been involved with the Queen Mary Economics Society and I also participate in the staff vs students fortnightly football match. Being part of the Economics Society puts me at the forefront of organising extra-curricular events and activities for other students, something I very much enjoy."

Electronic Engineering and Computer Science

Electrical and Electronic Engineering (BEng)	p100
Electronic Engineering (BEng)	p100
Electronic Engineering with Industrial Experience (BEng)	p100
Electronic Engineering and Telecommunications (BEng, MEng)	p101
Electronic Engineering and Computing (BEng, MEng)	p102
Audio Systems Engineering (BEng, MEng)	p103
Multimedia and Arts Technology (BSc(Eng))	p103
Multimedia and Arts Technology with Industrial Experience (BSc(Eng))	p103
Information and Communication Technologies (BSc(Eng))	p104
Information and Communication Technologies with Business Management (BSc(Eng))	p104
Computer Science with Business Management (BSc)	p104
Computer Science with Business Management and Accounting (BSc)	p106
Computer Science (BSc, MSci)	p106
Computer Science with Industrial Experience (BSc)	p106
Computer Science and Multimedia (BSc)	p107
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Degree programmes with Industrial Experience	p108



School of Electronic Engineering and Computer Science

FAQs

What are electronic engineering and computer science at Queen Mary?

Electronic engineering and computer science are fascinating fields driving scientific and technological progress, creating the tools that advance society and improve our quality of life. The two fields unite diverse subjects, such as software engineering, multimedia, electronics, networking and communications, art, digital music, physics and mathematics, with problem solving as the central theme.

Electronic engineers and computer scientists apply analytical thinking, design and programming skills to create innovative solutions. They work on a wide range of problems, from finding new ways to do things, for example, making computers smaller and faster, to discovering entirely new things to do. They address varied questions, such as: how can we develop the next generation of mobile communication devices and apps? How can we teach computers to spot suspicious activities in CCTV footage? And how do we design alternatively powered vehicles?

Electronic engineers and computer scientists operate in a range of fields, including:

- Telecommunications – working on radio links, optical fibres and satellites, enabling global digital communication
- Multimedia and gaming – leading innovations in combining computer vision, music and speech for use in different environments, both real and virtual
- Security – developing firewalls, secure e-commerce transactions and anti-fraud technology, crucial in today's high-tech world
- Networking – engineering solutions that allow home appliances, entertainment and security systems to be networked to each other and the internet.

Why study electronic engineering and computer science? What can I do afterwards?

A degree in electronic engineering or computer science offers excellent career prospects – recent research by e-skills UK estimates numbers of IT and telecoms professionals will grow at four times the UK average during 2010 to 2020. In addition to technical skills, you will develop valuable transferable skills, including: • Team-working • Project management • Entrepreneurship • Problem solving

Our graduates gain employment with both multinational corporations and small and medium-sized enterprises, and some start their own business.

For graduates seeking a career in IT, a huge variety of opportunities exists within the IT sector and other sectors, such as: finance, education, health, entertainment and the media. Roles include: systems analyst, web developer, software developer, games designer and IT consultant. For graduates wishing to enter the electronics and electrical engineering fields, opportunities can be found in sectors such as: transport, telecommunications, energy and electric power, IT, aerospace, manufacturing, and education and research. Roles include: electrical engineer, network engineer, digital/audio media specialist, computer hardware engineer and communications engineer.

Why study electronic engineering and computer science at Queen Mary?

In the most recent Research Assessment Exercise (RAE 2008), we are ranked in the top 20 electronic engineering and computer science departments in the UK. We regularly win awards for outstanding teaching, including recently, a prestigious National Teaching Fellowship and a Royal Academy of Engineering Teaching prize. Our students win prizes too: for each of the past three years a student from the School has won The Institute of Engineering and Technology (IET) prize for outstanding academic performance.

Many of our degree programmes have professional accreditation from the IET or the Chartered Institute for IT (BCS). You will have opportunities to undertake industrially linked final-year projects and be supported by specialist staff in pursuing a range of opportunities for industrial placements and work experience. Recent students have found placements with Goldman Sachs, Accenture, HSBC, Google, IBM and Reuters.

Our excellent teaching facilities include an award-winning Informatics Teaching Laboratory with over 300 networked workstations, a dedicated workspace for laptop Wi-Fi access and a 'quiet space' for final-year students. We also have innovative research facilities, including an Augmented Human Interaction Laboratory, enabling full-body and multi-person motion capture, and virtual and augmented reality systems.

Finally, we are less than a couple of miles from the area around Old Street known as Silicon Roundabout or Tech City, home to at least 400+ digital startups, including Last.fm, SoundCloud and TweetDeck. We have links with a number of companies in the area and also sponsor the Digital Shoreditch Festival.

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: 340+ for MEng, MSci programmes and BSc (CS and Mathematics); 320+ for BSc, BEng programmes with industrial placement options and the MAT programme; 300 + for BSc, BSc(Eng), BEng programme. A-level mathematics required for all MEng and BEng programmes and recommended for MAT. A-level physics required for selected MEng and BEng programmes. Check www.eecs.qmul.ac.uk for the most up-to-date information on all our degree programmes. Additional information: Grade B GCSE mathematics minimum • Computing A2 is not required for BSc computer science programmes, but is useful • Science-related subjects are preferred</p>
Advanced Diplomas	<p>Acceptability: The School warmly welcomes applications from students taking Advanced or Extended (level-3) Diplomas in information technology or engineering as an admissions qualification for the courses detailed below.</p> <p>Tariff grades requirement: 360 UCAS Tariff points (BSc, BEng and MEng Programmes). The total UCAS points required is the same for the Advanced or Extended Diploma.</p> <p>Additional information: Applicants must also have passed GCE A-level mathematics grade C for BSc and BEng programmes and grade B for MEng programmes.</p>
Vocational or applied A-levels	<p>Acceptability: Accepted and subject to the above tariff requirements for A/AS-levels</p> <p>Additional information: Must be in related subject, electronic engineering or engineering for MEng and BEng programmes • Grade B mathematics minimum</p>
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Not accepted.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable on its own and combined with other qualifications</p> <p>Subjects and grades required: DDM for BEng, MEng; DDD for BSc(Eng), BSc • Must be in a related subject: engineering, electronic engineering for MEng and BEng programmes; computing or related subject for BSc • IT practitioners is only accepted for BSc(Eng) programmes. Additional information: Grade B GCSE mathematics minimum.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 32 points overall for BEng, BSc; 34 points for MEng and BSc(Eng) • Must include mathematics HL at least five points for all MEng and BEng programmes. Must include mathematics HL at least six points for all BSc programmes. Physics required for selected MEng and BEng programmes; see programme details.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 80 per cent including grade eight minimum mathematics for all MEng and BEng programmes. Physics at grade eight required for selected MEng and BEng programmes; see programme details.</p>
Access to HE Diploma	<p>60 Level three credits, all distinctions in relevant subjects • Minimum grade B GCSE mathematics. <i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.</p>

Key facts

Assessment

Assessment for most modules is through a combination of examination and coursework. Coursework can take many different forms appropriate to the individual module. Laboratory-based modules are often assessed through practical assignments, while more theoretical modules may be assessed through exercise sheets or written assignments.

Project work, both group and individual, forms a significant component of assessment in your programme. During your second year, you will undertake an extended group project and during your final year, you will undertake a substantial individual project. You will be guided in your project work by a supervisor, who will meet with you regularly and advise you on both academic content and project management issues. Projects are normally assessed through a combination of written report, practical demonstration and oral examination.

Our teaching

Classes include lectures, laboratory sessions and tutorial sessions. In lectures, you will learn core material, while in laboratory and tutorial sessions you will work on problem-based learning activities in smaller classes. You will spend 15-20 hours per week in lectures, as well as undertaking independent work and study. You will meet with your personal adviser regularly to ensure that you are settling in and progressing well.

Throughout your programme, we highlight issues relevant to the professional context of your studies. We strongly encourage you to get experience of applying your knowledge and skills through paid or unpaid work opportunities or a year-long industrial placement.

Admissions

All prospective applicants should make their applications through the Universities and Colleges Admissions Service (UCAS). Applicants will be considered for admission based on our published entry criteria. Selected applicants may be invited to attend an interview and all will be invited to attend an open day.

Further information

A brochure giving further details of our degree programmes is available on request. For the most up-to-date information, including information on all the available modules, examples of student projects and feedback from our students and graduates, visit www.eecs.qmul.ac.uk

Better still, why not attend one of our taster days to learn more about studying electronic engineering and computer science at Queen Mary? See www.eecs.qmul.ac.uk/schools for further information.

For further information regarding assessment for specific programmes:
Tel: +44 (0)20 7882 7332
email: enquiries@eecs.qmul.ac.uk

You can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800.

International students should contact the Admissions Office for further information:
Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international

STUDENT PROFILE

Beverley Osazemwinde



Business Computing with Industrial Experience

"The teaching quality in my department is excellent. The lecturers are always available to help if you have any problems or queries about your work. QM is always developing, and over my four years here I have seen many new

buildings as well as improvements to the library. QM has lots of useful facilities, including places to eat and hang out with friends, making it easier to remain on campus during the day.

"Outside of class, I was a member of the Fresher's Crew 2010. It was a great experience helping the new students and was also a chance to meet new people from different departments across the University. I was also a Student Ambassador for the department. Being an ambassador allowed me to take a break from studies during the week and gave me the chance to represent the department when speaking to prospective students.

"The highlight of my course was developing my final-year project, which was a Cross Modal Collaborative Diagramming Tool. It involved using Java in ways that I had not done before, such as programming with sound/audio and creating the functionality which allows two people over a LAN to work together."

Electronic Engineering and Computer Science Degree programmes

Electrical and Electronic Engineering

H600 BEng/EEE (three years)

Programme description

This programme provides you with a solid foundation in the principles of electrical science, systems and electronics. The programme covers a broad range of topics in electronics, control and programming, including specialisations such as power engineering, electronics and microprocessors and digital signal processing.

Programme outline

Year 1 Communications and Networks • Programming • Engineering Maths • Professional Applications • Electric and Magnetic Fields • Digital Circuit Design • Signals Theory

Year 2 Telecoms Systems • Digital Systems • Signals and Systems • Analogue Electronics and Devices • Design and Build Project • Programming • Internet Protocols

Year 3 Individual Project • Electrical Machines • Power Systems **plus options from:** • Power Electronics • Control Systems • Microprocessor Systems • Integrated Circuit Design • Communication Systems Electronics • Digital Signal Processing

Please note, module availability may vary slightly from year to year. For further information, visit www.eecs.qmul.ac.uk

Electronic Engineering

H610 BEng/EE (three years)

Electronic Engineering with Industrial Experience

H611 BEng/EEIE (four years)

Programme description

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 in depth a topic of your choice. The Industrial Experience option enables you to spend a year working in industry.

Programme outline

Year 1 Communications and Networks • Programming • Engineering Maths • Professional Applications • Electric and Magnetic Fields • Digital Circuit Design • Signals Theory

Year 2 Telecoms Systems • Digital Systems Design • Signals and Systems • Analogue Electronics and Devices • Design and Build Project • Programming • Internet Protocols

Year on extended work placement (option)

Year 3 Individual Project **plus options from:** Software Tools • Integrated Circuit Design • Digital Signal Processing • Communication Systems Electronics • Microwave Systems • Microprocessor Systems Design • Wireless Networks • Control Systems • C++

Please note, module availability may vary slightly from year to year. For further information, see www.eecs.qmul.ac.uk



Electronic Engineering and Telecommunications

H691 BEng/EETe (three years)

H690 MEng/EET (four years)

Programme description

These programmes cover the most rapidly growing areas of electronic engineering and all aspects of communications. You will learn about microwave and optical 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 engineering 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. The MEng has an additional fourth year of study of advanced postgraduate modules, on topics such as security, authentication, satellite communications and mobile services.

Programme outline

Year 1 Communications and Networks • Programming • Engineering Maths • Professional Applications • Electric and Magnetic Fields • Digital Circuit Design • Signals Theory

Year 2 Telecoms Systems • Digital Systems Design • Signals and Systems • Analogue Electronics and Devices • Design and Build Project • Programming • Internet Protocols

Year 3 Individual Project (for BEng) or Group Project (for MEng) • Security & IT • Communications System Electronics • Network Planning, Finance and Management • **Plus options from:** Software Tools • Digital Signal Processing • Microwave and Optical Transmission • Microprocessor System Design • Wireless Networks • Integrated Circuit Design • Microwave Electronics • C++ & Real-time Digital Signal Processing • Ad-hoc and Broadband Networks

Career opportunities

Electrical and Electronic Engineering

Electronic Engineering Electronic Engineering with Industrial Experience

These degree programmes open up career opportunities in a wide range of sectors including manufacturing, telecoms and transport. Careers in these fields involve major project and contract responsibilities that require a blend of technical skills, good judgment and communication skills. Engineers working in project management carry significant responsibility and can achieve very competitive salaries. There is a very strong demand from the electronics industry for graduates who can use advanced software tools for digital design.

Electronic Engineering and Telecommunications

This degree programme prepares graduates for careers with major network operators, as well as large commercial organisations that operate their own IT infrastructure. It is also suitable for graduates who are aiming to work in the communications manufacturing business or in smaller research and development companies.

Year 4 (MEng) Individual Project • Twenty-First Century Networks • Network Modelling and Performance **plus options from:** • Wireless Networks • Multimedia Systems • Advanced Program Design • Business Technology Strategy • Satellite Communications • Antennas for Mobile Applications • Radiowave Propagation • Internet Computing

Please note, module availability may vary slightly from year to year. For further information, see www.eecs.qmul.ac.uk



Graduate profile

Shabbir Naqvi

Studied: MSci Computer Science, graduated 2010

Currently: Overseas Developer at Rightmove

Why did you choose Queen Mary?

Queen Mary is a well-respected university with a proven track record. Being the only campus-based university in London also gave it a unique feel and made me feel at home straight away. The course content is up to date and the chance to participate in a range of extracurricular activities certainly attracted me.

How did your time at Queen Mary prepare you for work?

The course was full of a variety of technical and interpersonal related activities. Thanks to the large amount of group work, which isn't common at most universities, I was able to fit right into my job. Along with that, having worked with a range of programming languages, I didn't have much trouble adapting to new languages or picking up certain technical points when I came across them for the first time.

What does your current job involve day-to-day?

Requirements capture, research, development work, debugging and meetings. Generally, each day is begun with a review with your team, where each individual gives an update on their projects. After this, it's really up to you to manage your time. You can prioritise your work as you wish, arrange your own meetings, and really take a lot of responsibility on your shoulders. We also have a ping-pong table to wind down – fact!

Degree programmes

Electronic Engineering and Computing

HI61 BEng/EEC (three years)

HI6C MEng/EECo (four years)

Programme description

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. The MEng includes all the material from the BEng but the extra year allows you to study advanced modules on music, speech, video and image processing, quality management and network modelling and performance. You can transfer on to the MEng from the BEng until the end of the second year, subject to satisfactory performance.

Programme outline

Year 1 Communications and Networks • Programming • Engineering Maths • Professional Applications • Digital Circuit Design • Computer Systems • Signals Theory

Year 2 Programming • Software Engineering and Systems Analysis • Signals and Systems Theory • Databases • Software Engineering Project • Operating Systems • Internet Protocols • Digital Systems

Year 3 Individual Project (for BEng) or Group project (for MEng) **plus options from:** • Digital Signal Processing • Software Tools • Advanced Databases • Microprocessor System Design • Security and IT • Mobile Devices and Social Networks • Distributed Systems • C++ • Image Processing • Internet Computing • Real-time and Critical Systems • Control Systems • Integrated Circuit Design

Year 4 MEng only Individual Project **plus options from:** • DSP • Machine Learning • Advanced Databases • Advanced Program Design • Image and Video Processing • Music and Speech Processing • Ubiquitous Computing • Security and Authentication • Computer Vision Systems • Information Retrieval

Please note, module availability may vary slightly from year to year. For further information, see www.eecs.qmul.ac.uk

Audio Systems Engineering

H657 BEng/ASE (three years)

H642 MEng/ASE (four years)

Programme description

These programmes use mathematics and engineering techniques to enable you to understand how technology is applied to music and audio. You will learn how computers and electronics shape electronic musical instruments, digital audio systems, music downloads, sound effects and games. In addition to a team project in your second year, you will complete an individual final-year project that will be supervised by a researcher in our world-leading Centre for Digital Music (C4DM). Martyn Ware, founder of '80s bands The Human League and Heaven 17, record producer and world-leading 3D sound artist, is a Visiting Professorial Fellow in the School and takes an active interest in C4DM, where he brings a wealth of experience and enthusiasm to these programmes.

The MEng follows the same structure as the BEng for the first two years with an additional two years of specialisation in advanced multimedia, music analysis and synthesis and statistical methods for signal processing. You can transfer in to the MEng from the BEng until the end of the second year, subject to satisfactory exam performance.

Programme outline

Year 1 Communications and Networks • Programming • Engineering Maths • Professional Applications • Digital Circuit Design • Computer Systems • Signals Theory

Year 2 Software Engineering • Signals and Systems Theory • C Programming • Sound and Music • Acoustics • Software Engineering Project • **plus options from:** • Internet Protocols • Digital Circuit Design • Databases • Operating Systems

Year 3 BEng (three years) Individual Project • Digital Studio Techniques • Music Synthesis • Digital Audio Effects • Music and Speech Processing **plus options from:** Multimedia Systems • Software Tools • Digital Signal Processing • Microprocessor System Design • Security and IT • Internet Computing

Year 3 MEng (four years) Group Project • Digital Studio Techniques • Music Synthesis **plus options from:** • Software Tools • Microprocessor System Design • Security and IT • Multimedia Systems • Business Technology Strategy • Internet Computing • C++ for Image Processing • Mobile Devices and Social Networks

Year 4 MEng only Individual Project • Digital Audio Effects • Music and Speech Processing • Music Analysis **plus options from:** • Advanced Transform Methods • Machine Learning • Digital Signal

Career opportunities

Electronic Engineering and Computing

There are many exciting career opportunities for engineers who have a thorough grounding in both software and hardware technologies. Graduates find careers with organisations that research, design, manufacture and install information systems in addition to those that depend on them for their business processes.

Audio Systems Engineering

Graduates of these degree programmes are well suited to careers in the creative media industries. Our graduates have the skills to develop and work with the digital audio tools of tomorrow. A wide range of opportunities are available, for example in professional audio companies, with recording studios, and in the music industry.

Multimedia and Arts Technology Multimedia and Arts Technology with Industrial Experience

You will be qualified for a career in the creative and IT industries. Possibilities include working in media and for television and broadcast media companies. You could become a software developer, computer games designer or interactive educational multimedia specialist. You can move into roles like digital/audio media specialist, subtitle editor or presentation and graphics scheduler.

Processing • Image and Video Processing • Design for Human Interaction • Computer Vision Systems • Ubiquitous Computing

Please note, module availability may vary slightly from year to year. For further information, see www.eecs.qmul.ac.uk

Multimedia and Arts Technology

I150 BSc(Eng)/MAT (three years)

Multimedia and Arts Technology with Industrial Experience

I151 BSc(Eng)/MAT (four years)

Programme description

This programme covers fundamental aspects of the digital economy, creative multimedia production, multimedia social networks, computer-driven animation, multimedia scripting, interactive

Degree programmes

multimedia design, 3D graphics, web-based advertisement production, and management and planning of media assets. This programme emphasises computer systems, digital installations and software with a special focus on new media creation, and provides core knowledge of media production and multimedia system design. Graduates from this programme will effectively combine technical and creative skills. The Industrial Experience option allows you to spend a year working in industry.

Programme outline

Year 1 Introduction to Multimedia • Programming Fundamentals • Bridging Arts and Technology • Arts Application Programming • Professional Applications • Fundamentals of Web Technology • Creative Individual Project

Year 2 Creating Interactive Objects • Creative Group Project • Internet Protocol • Graphical User Interfaces • Sound Design • Business Information Systems

Year 3 Enterprise Management • Emergent Multimedia Applications and Technologies • Interaction Design • Digital Audio Effects • Product Development • Individual Project

Please note, that this is a new programme so modules may vary slightly. For further information, see www.eecs.qmul.ac.uk

Information and Communication Technologies

I100 BSc(Eng)/ICT (three years)

Programme description

This programme includes programming and software engineering with an emphasis on applied topics such as systems, security and business management. You will gain a broad range of skills that will equip you for a career in a variety of sectors, including management and consulting, finance, government and the media.

Programme outline

Year 1 Communications and Networks • Programming • Professional Applications • Computer Systems • Tools for IT Modelling • Fundamentals of Web • Business Information Systems • Introduction to Multimedia

Year 2 Group Project • Software Engineering and Systems Analysis • Databases • Website Design and Authoring • Telecoms Systems • Graphical User Interfaces • Operating Systems • Internet Protocols

Year 3 Enterprise Management • Product Development • The IT Profession **plus options from:** • Security and IT • Advanced Database Systems •

Interaction Design • IT Strategy • Project and Risk Management • Decision and Risk • Mobile Devices and Social Networks • Network Planning, Finance and Management

Please note, module availability may vary slightly from year to year. For further information, see www.eecs.qmul.ac.uk

Information and Communication Technologies with Business Management

IN11 BSc(Eng)/ICTBM (three years)

Programme description

The BSc Computing and ICT with Business Management programme contains the core systems and software elements of the BSc Computing and ICT programme, but you will also take management and business modules throughout your degree. The combination of IT expertise with strong business skills will equip you to pursue a career in management.

Programme outline

Year 1 Communications and Networks • Programming • Professional Applications • Fundamentals of Management • Tools for IT Modelling • Fundamentals of Web • Business Information Systems • Economics for Business

Year 2 Group Project • Software Engineering and Systems Analysis • Databases • Financial Accounting • Website Design and Authoring • Telecoms Systems • Marketing • Internet Protocols

Year 3 Strategy • Human Resources • The IT Profession **plus options from:** • Enterprise Management • Product Development • Security and IT • Advanced Database Systems • IT Strategy • Project and Risk Management • Decision and Risk • Mobile Devices and Social Networks • Network Planning, Finance and Management

Please note, module availability may vary slightly from year to year. For further information, see www.eecs.qmul.ac.uk

Computer Science with Business Management

G4N1 BSc/CSBM (three years)

Programme description

This programme focuses on computer science while providing an understanding of business management. The programme includes core computer science and business management

STUDENT PROFILE

Wedad El-Turk



Electronic Engineering

"Before actually visiting Queen Mary, I was very impressed with its reputation. I particularly liked the fact that it is a campus university situated in the heart of London, and also part of the University of London.

"I really like the way the programme is structured: one minute you are sitting in the lab-programming, next you're in a lecture theatre with 200 other students for an economics lecture, and the next, standing in front of a group of people conducting a presentation.

"I am currently an ambassador for the School as well as a class representative. Having both of these roles is very satisfying, as they give me a sense of responsibility. This coming year, I will also be on the advertising team in the Islamic Society."

Career opportunities

Computing and Information and Communications Technologies

Computing and Information and Communications Technologies with Business Management

Graduates from these programmes are well equipped for careers as IT professionals across all industry sectors including: management and consulting, finance, government and the media. Possible positions include business analyst, e-marketing manager, systems analyst, business account manager, or IT systems manager.

Computer Science with Business Management

This programme equips graduates with a combination of technical skills and knowledge of business management processes. Typical jobs after graduation include business consultant, systems programmer and business analyst. You will be able to find work in a variety of industries now reliant on information systems, such as business finance administration, management and health. Your entrepreneurial skills and training will also prepare you well for starting your own business.

modules, such as the fundamentals of management, marketing and economics for business. You will gain practical skills and experience in the use and applications of information technology in business. The programme develops high levels of competence and demonstrable skills in core computer science areas such as programming and a greater appreciation of the context in which information technology is used.

Programme outline

Year 1 Programming • Computer Systems • Professional Applications • Fundamentals of Management • Object-oriented Programming • Fundamentals of Web • Economics for Business • Probability and Matrices

Year 2 Software Engineering and Systems Analysis • Group Project • Internet Protocols • Operating Systems • Financial Accounting • Database Systems • Marketing • Graphical User Interfaces

Year 3 Computer Science Project (two modules) • Strategy • Human Resource Management **plus module options to be selected from a relevant subset of G400 Year 3 options** – see page 106.

Please note, module availability may vary slightly from year to year. For further information, see www.eecs.qmul.ac.uk

Degree programmes

Computer Science with Business Management and Accounting

G4N2 BSc/CSWBMA (three years)

Programme description

This programme covers core computer science modules and essential studies in business management, specifically focusing on financial and management accounting. It develops your critical thinking of business management in relation to economic, political, social and technical environments. The programme gives 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. You will study managerial accounting, exploring the finance function and particularly planning and control, cost management, financing and investment decisions.

Programme outline

Year 1 Programming • Logic and Discrete Structures • Computer Systems • Fundamentals of Management • Object-Oriented Programming • Probability and Matrices • Fundamentals of Web • Economics for Business

Year 2 Software Engineering and Systems Analysis • Group Project • Internet Protocols • Operating Systems • Financial Accounting • Database Systems • Managerial Accounting • Graphical User Interfaces

Year 3 Computer Science Project (two modules) • Financial Management • Human Resource Management plus module options to be selected from a relevant subset of G400 Year 3 options – see right for more information.

Please note, module availability may vary slightly from year to year. For further information, see www.eecs.qmul.ac.uk

Computer Science

G400 BSc/CS (three years)

G401 MSci/CS (four years)

Computer Science with Industrial Experience

G402 BSc/CSWIE4 (four years)

Programme description

This broad degree programme provides a solid foundation for a number of IT careers, including programming and systems analysis and design. You will cover core topics such as software engineering, computer systems and applications. 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 Industrial Experience option allows you to spend a year working in industry. The MSci follows the same structure as the BSc, with the inclusion of a team project in the third year. It incorporates an additional year of specialisation in such topics as computer vision, human-computer interaction and the semantic web. You can transfer onto the MSci from the BSc until the end of the second year, subject to satisfactory performance.

Programme outline

Year 1 Programming • Computer Systems • Logic and Discrete Structures • Professional Studies • Language and Communication • Object-oriented Programming • Probability and Matrices • Fundamentals of Web

Year 2 Software Engineering and Systems Analysis • Group Project • Internet Protocols • Operating Systems • Algorithms and Data Structures • Concurrent Programming • Database Systems • Graphical User Interfaces

Year on extended work placement (option only)

Year 3 (BSc only) Computer Science Project (two modules) **plus options from:** • Programming Languages • Multimedia • Computer Graphics • Advanced Database Systems • Complexity and Computability • Distributed Systems • C++ for Image and Audio Processing • Interaction Design • Artificial Intelligence • Machine Learning • Decision and Risk • Mobile Devices and Social Networks • Internet Computing • Real-time and Critical Systems • Microprocessor Systems Design

Year 4 (MSci only) Individual Project (two modules)
plus options from: • Functional Programming • Program Specification • XML and Structured Information • Design for Human Interaction • Machine Learning using MATLAB • Image and Video Processing • Software Analysis and Verification • Ubiquitous Computing • Intelligent Agents and Multi-agent Systems • Security and Authentication • Interactive System Design • The Semantic Web • Computer Vision Systems • The Surveillance Society • Information Retrieval • Business Technology Strategy

Please note, that module availability may vary slightly from year to year. For further information, please visit www.eecs.qmul.ac.uk

Computer Science and Multimedia

G450 BSc/CSM (three years)

Programme description

This degree programme gives 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. The final year covers technical areas such as 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.

Programme outline

Year 1 Programming • Computer Systems • Logic and Discrete Structures • Professional Studies • Language and Communication • Object-oriented Programming • Probability and Matrices • Fundamentals of Web

Year 2 Software Engineering and Systems Analysis • Group Project • Internet Protocols • Operating Systems • Website Design and Authoring • Telecoms Systems • Database Systems • Graphical User Interfaces

Year 3 Computer Science Project (two modules) • Interaction Design • Mobile Devices and Social Networks • Multimedia plus option modules to be selected from a relevant subset of G400 Year 3 options – see left for more information.

Please note, module availability may vary slightly from year to year. For further information, see www.eecs.qmul.ac.uk

Career opportunities

Computer Science with Business Management and Accounting

This degree prepares you for a broad range of careers in the public and private sectors from charities and educational institutions to banking and finance. Graduates can become business analysts, business developers, database managers, operations managers, accountants, and business finance administrators.

Computer Science

Computer Science with Industrial Experience

Typical jobs after graduation include software engineer, programmer, systems analyst, software risk analyst, system designer and games designer. Roles can be found within the IT sector and in a wide range of other industries where skilled IT professionals are sought. There are also opportunities for self-employment and every year a number of these students pursue postgraduate study.

STUDENT PROFILE

Umar Farouk Umar



Computer Engineering (now replaced with Electronic Engineering and Computing)

“I chose Queen Mary because of its stellar engineering programme that teaches you both electronic engineering and computer science modules. You will understand both the hardware and software side of things unlike other courses that teach you the inner workings

of one, while you use the other as a tool.

“The lecturers are always willing to help, both in and out of class, and are not afraid to try new interactive teaching methods. The most interesting we’ve done was the Design and Build group project in our second year. It involved building a device from scratch and defending the cost we would sell it for.

“The best thing about Queen Mary is its diversity. It truly brings people from different backgrounds together and exposes you to different cultures.”

Degree programmes

Computer Science and Mathematics

GG41 BSc/CSMat (three years)

Programme description

This programme, taught in collaboration with the School of Mathematical Sciences, emphasises the use of computers to solve mathematical problems, including topics such as programming and algorithms. You can choose option modules from across the range of mathematics and computer science, including computer graphics, artificial intelligence, number theory and cryptography. You will be equipped for roles such as data analyst, analyst consultant or data architect.

Programme outline

Year 1 Programming • Logic and Discrete Structures • Introduction to Probability • Calculus I • Object-oriented Programming • Language and Communication • Calculus II • Introduction to Algebra

Year 2 Algorithms and Data Structures • Database Systems • Geometry I • Introduction to Statistics I • **Plus option modules** selected from a relevant subset of G400 Year 1 and Year 2 options (see page 106) along with: Complex Variables • Calculus III • Probability Models • Algebraic Structures I • Algorithmic Graph Theory • Differential and Integral Analysis • Geometry II • Convergence and Continuity • Number Theory • Complex Variables

Year 3 Computer Science Project (two modules) **plus option modules** to be selected from a relevant subset of G400 Year 2 and final-year options (see page 106) and: Calculus III • Linear Algebra I • Combinatorics • Algebraic Structures II • Chaos and Fractals • Complex Variables • Algorithmic Graph Theory • Coding Theory • Number Theory • Cryptography

For further details, see www.eecs.qmul.ac.uk

Computer Science with Industrial Experience

G402 BSc/CWIE4 (four years)

Electronic Engineering with Industrial Experience

H611 BEng/EEIE (four years)

Multimedia and Arts Technology with Industrial Experience

I151 BSc(Eng)/MAT (four years)

We offer three degree programmes with an Industrial Experience option. These sandwich degrees combine academic study with a one-year industrial placement between your second and third years of study. Taking the Industrial Experience option as part of your degree gives you a route to develop real-world, practical problem solving skills in a professional context. This can give you an important edge in the graduate job market. As a leading research School, we have excellent links with industry. We also employ dedicated staff to help you arrange your year in industry. We will provide you with additional training and support in developing professional skills such as interview techniques and CV writing to help you secure a good position.

For more information, see www.eecs.qmul.ac.uk



Graduate profile: Rituparna Mallick

Studied: BEng Computer Engineering, 2011

Currently: Associate Software Engineer at Accenture

Why did you choose Queen Mary?

Because it was one of the top

universities in London, with a course I liked.

How did you find out about your current job?

Through Milkround.com. However, I met people from the company at the Queen Mary graduate job fair.

How did your time at Queen Mary prepare you for work?

The module Professional Applications in my first year prepared me for job interviews, presentations as well as helped me to develop my CV. I also learnt a lot of

new programming languages (and was able to work with them on various projects). Being the student organiser of the Peer-Assisted Student Support (PASS) scheme, I got the opportunity to develop leadership skills and managed to get over my shy nature.

What does your current job involve day-to-day?

It involves everything from software design to developing and testing, mainly in Java, .NET etc.

What can current students do to prepare for getting a job in your area?

They should focus on all aspects of developing software, including analysis and design as well as coding and testing.



STUDENT PROFILE

Brett Osler

Computer Science with Business Management

"Queen Mary's location offers excellent access to the rest of London, plus everything you need is close by on campus – from resources and facilities to the availability of professors. All the professors are involved as researchers in their field, which means you never feel they are just going through a lesson plan.

"The academic study facilities are high end. The lecture halls are spacious and have good acoustics which makes listening easier. The ITL (computer lab) is large for the number of students enrolled. The machines are very modern, the network fast, and everything you need to participate and complete the course work is provided.

"I am a course rep, an ambassador for the school of EECS, a PASS mentor, a member of the Drapers' Skills Award and a member of the Poker Society. Being a course rep gives me a chance to interact with many students and most of the staff. It's also fun to show off the School while performing ambassador duties."

Engineering

Aerospace Engineering	p114
Mechanical Engineering	p116
Medical Engineering	p117
Sustainable Energy Engineering	p118



School of Engineering and Materials Science

FAQs

What is engineering at Queen Mary?

Could you help to develop the next generation of aircraft, a new implant for treatment of arthritis, a super-efficient wind turbine, or a high-speed electric vehicle? Engineers are the ultimate problem-solvers, finding solutions to knotty situations such as these, and aiming to improve the design and production of practically anything you can think of.

There are several steps in an engineer's work:

- identify the problem
- think creatively about it – is there a better, more original way around it? (You'll use applied maths to calculate whether your brilliant idea will actually work)
- do the scientific research to develop the optimal solution.

Why study engineering? What can I do afterwards?

Most engineering graduates go on to work in the engineering field in one way or another. One recent Queen Mary engineering graduate now designs cars for a racing-car company; another has trained to be a commercial airline pilot. A lot of our graduates have gone into technical jobs at companies such as Rolls Royce, Airbus UK, BAE Systems, Smith & Nephew, and Johnson & Johnson. Others decide to move into research, studying for a higher degree such as an MSc or PhD.

Employers value the core engineering skills, such as:

- stress analysis
- fluid mechanics
- mathematics
- design and computational modelling.

In addition, students will gain valuable transferable skills:

- problem-solving skills
- management techniques
- teamwork experience
- communication skills
- report writing.

These are supplemented by specialist skills in aerospace, mechanical, sustainable energy or medical engineering. This means that engineering graduates have one of the highest employability rates and while many find jobs in the engineering sector, others choose to study for a higher degree in a related field or go into a wide range of other careers.

Why study engineering at Queen Mary?

The School undertakes internationally recognised research, which is supported by contracts and collaborations with industrial and university partners worldwide. You will get real insight into how work at this level is conducted, and learn from experts in their field. In the most recent National Student Survey (NSS 2011), 88 per cent of our engineering students were satisfied with the overall quality of the courses and 86 per cent felt that staff were good at explaining things.

Design plays an important part in all our engineering programmes. In the second year, all engineering students take part in a design project where you will work in small groups to design, manufacture and test your own prototype product, enabling you to recognise real-world engineering, manufacturing and economic constraints. In the fourth year, MEng students refine these design skills with a specialist group design project, often sponsored by industrial partners. If you have a real passion for design, we offer a unique degree in Design and Innovation in partnership with Goldsmiths, University of London (see page 74).

The development and analysis of new, innovative materials underpins much engineering work. As a School of Engineering and Materials Science we are able to enrich our engineering degrees with internationally leading expertise in materials science. We also offer degree programmes in Materials Science and Engineering (page 204), Medical Materials (page 202), Dental Materials (page 204), Materials and Design (page 76), and Sustainable Materials Engineering (page 202).

The BEng and MEng degree programmes are accredited (and so approved) by the Royal Aeronautical Society or the Institution of Mechanical Engineers. Accreditation is vital if you are to obtain the professional qualification of Chartered Engineer. Transfer between programmes is permitted, for example from BEng to MEng if your results are good.

We offer a variety of teaching methods to help you learn effectively. For instance, formal lectures are supported by problem-solving classes, laboratory practicals and Problem-Based Learning (PBL). You will be allocated a personal tutor who will be able to advise you on academic issues as well as any personal problems you wish to discuss.

The School has excellent laboratory facilities including structures and materials test facilities, heat transfer rigs, high and low speed wind tunnels, a flight simulator and state-of-the-art medical engineering laboratories featuring extensive tissue engineering labs and gait analysis facilities. (See the degree programme pages at: www.sems.qmul.ac.uk/ugadmissions).

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: For MEng programmes the minimum offer is 360 points and for BEng is 300 points from three A-levels. Offers vary based on subjects and experience.</p> <p>Excluded subjects: General studies and critical thinking.</p> <p>Additional information: A-levels should include maths (at minimum grade B) and one science subject. For Aerospace Engineering, Mechanical Engineering and Sustainable Energy Engineering programmes the science subject should be physics.</p>
Vocational or applied A-levels	<p>One vocational A-level may be offered, or one double award, but applicants must also offer an A-level in maths and one science subject, preferably in physics.</p> <p>Additional information: Must be in related subject, eg engineering.</p>
Advanced Diplomas	<p>Acceptability: The School of Engineering and Materials Science would welcome applications from students with the Advanced or Extended (level-3) Diplomas in Engineering and Manufacturing and Design.</p> <p>Tariff/Grades requirement: BEng: Minimum grade B; MEng: Minimum grade A</p> <p>Additional information: Applicants must also have passed, GCE A-level maths at minimum grade B for all programmes.</p>
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with an A-level in maths and one science A-level, both at minimum grade B.</p> <p>Subjects and grades required: Overall Double Award DD • Must include distinction in maths • Must be in engineering or a related subject.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable combined with an A-level in maths at minimum grade B.</p> <p>Subjects and grades required: Overall DDD • Must include distinction in maths • Must be in engineering or a related subject.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: MEng degree programmes: 36 points overall • BEng degree programmes: 32 points overall • Must include maths and either physics or chemistry at Higher Level both with at least 6 points.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 80 per cent including maths and a science.</p>
Access to HE Diploma	<p>Applicants will be considered on a case-by-case basis. Please contact the School for guidance.</p> <p><i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.</p>

Key facts

Assessment

All our degree programmes are structured with eight modules per year, split over two semesters. Some modules, such as the research and design projects, count for two or four modules. In the third and fourth years, you select from a range of module options allowing you to tailor your degree to specific areas of interest within your specialist degree programme. Assessment is continuous throughout your degree, with written reports, projects, presentations, group work and exams (exams take place in the summer). There is an individual research project in the third year for all programmes, where you will participate in the internationally recognised research taking place within the School. In the fourth and final year of the MEng degree, students take part in a group design project worth half of the final year.

Our teaching

Course materials are delivered through a combination of lectures, problem-solving classes, laboratory practicals, problem-based learning and a variety of coursework. In addition, students undertake two major projects: an individual research project in Year 3 and a group design project in the fourth year of the MEng programmes. The student-led projects are frequently sponsored by industry and provide a valuable insight into real-life engineering design and project management.

Industrial experience

All our programmes are available with an option to spend a year in industry as part of your course (normally after the second year). The year will significantly develop your communication, problem solving and team working skills. It will also give you invaluable experience to draw on when applying for positions after graduation.

The School exploits its strong links with industry to help students find appropriate placements. Our Industrial Liaison Forum also encourages employers to sponsor and support students and to provide real design case studies to engage you throughout the course. Recent case studies were delivered by Bridgestone, DePuy, Apatech, Artis, Corus, BAE, DSTL and Rolls Royce.

Admissions

The standard procedure is to apply through UCAS. Once we have received your application, we normally make offers within two weeks. Applicants are then invited to an open day.

Further information

To find out more about our degree programmes and the School, visit:

www.sems.qmul.ac.uk/ugadmissions

You may also contact:

Admissions Coordinator, Marian Langbridge

Tel: +44 (0)20 7882 8736

email: sems-ugadmissions@qmul.ac.uk

The Enquiries Hotline (UK callers only)
on Freephone 0800 376 1800.

International students should contact the Admissions Office:

Tel: +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

www.qmul.ac.uk/international

Engineering Degree programmes



Aerospace Engineering

H421 BEng/AeE (three years)

H401 BEng/AeE4 (four years with Industrial Experience)

H400 MEng/Aero (four years)

HK00 MEng/Aero4 (five years with Industrial Experience)

Programme description

Aerospace Engineering is concerned with the design and development of aircraft, helicopters and spacecraft. The skills you will develop on these degrees apply to future spacecraft and high-performance aircraft, and also to the next generation of ground transport, such as high-speed trains. If you are enrolled on an MEng programme, you will work on a group project in the final year. Recent examples of projects include the design and construction of a rocket capable of breaking the UK altitude record and the design of a solar-powered racing car. All our aerospace degree programmes are accredited by the Royal Aeronautical Society.

Programme outline

Year 1 Exploring Aerospace Engineering • Engineering Design Methods • Engineering Mechanics: Dynamics • Engineering Mechanics: Statics • Mathematical Techniques for Engineers • Mechanics of Fluids • Thermodynamics • Engineering Materials in Design

Year 2 Low Speed Aerodynamics • Mechanics of Fluid for Aerospace Engineers • Engineering Design • Engineering Mathematics • Vibration and Control • Graphic Communication • Structural Analysis • Electrical Technology

Year 3 Aerospace Individual Research Project • Computer-Aided Engineering • Operational and Financial Management • **Options from:** Applied Aerodynamics • Stability and Control of Aircraft • Aerospace Structures • Aerospace Design • Aircraft Propulsion



Optional year out working in industry

Year 4 (For MEng) Aerospace Group Design Project • **Options from:** Computational Engineering • Flight Control and Simulation of Aerospace Vehicles • Vehicular Crashworthiness • Computational Fluid Dynamics • Advanced Aerodynamics • Aerospace Design • Aeroelasticity



Career opportunities

Students graduating with a degree in any engineering discipline have always enjoyed excellent career opportunities. Graduates from our engineering degrees have a thorough grounding in the fundamentals of the subject, with specialist knowledge from their degree, and valuable transferable skills. As well as careers in the engineering sector, some graduates enter careers in other fields such as finance, sales, marketing and IT while others go on to further study in the form of an MSc or PhD.

Aerospace Engineering

Recent graduates from this degree programme have gone on to careers within the aerospace engineering industry, including working as a stress engineer at Marshall Aerospace, a design engineer for DKN, a graduate engineer for Airbus and for the Ministry for Defence. A few students have trained as pilots; and others have gone on to further research, studying for an MSc or PhD.

Graduate profile: Tom Elson

Studied: MEng in Aerospace Engineering

Currently:

PhD in Aerodynamics and Computational Aeroacoustics at Cranfield University

Why did you choose Queen Mary?

It's the oldest institution in the UK to teach Aeronautical Engineering and has good facilities. Coming from the heart of Wales, a move to multi-cultural east London was very tempting.

What did you gain from your time at Queen Mary?

The degree at Queen Mary was really useful as it combined the standard methods of learning like exams and tutorials with lots of projects and group work. This helped with my team working, organisational and presentation skills.

Salary bracket: **£10-15,000**

What can current students do to prepare for getting a job in your area?

Firstly, to do a PhD you've got to be interested in your subject! To demonstrate this make sure you do well in your third and fourth year projects and build good relationships with the people who will write your references: your project supervisor and personal tutor. That, and your grades will be important, so work hard especially in the modules linked to the area you want to do a PhD in.



STUDENT PROFILE

Sarah Dhanraj

Medical Engineering



"I chose to study at Queen Mary because of its good rankings and the laid back atmosphere on campus. I love the campus and have always felt at home here.

"I thoroughly enjoy the dual aspect of medicine and engineering on my programme. The most interesting thing that I have done so far has been a problem-based learning (PBL) assignment. I had to investigate engineering technology to diagnose, treat, and rehabilitate an injured sports player based on only a brief description of the injury.

"Right now I am working as a student ambassador. It is a great way to get to know possible students while being able to explain just what it is that my degree entails. I get so involved in what I'm saying that it doesn't feel like work at all."

Degree programmes

Mechanical Engineering

H300 BEng/MechE (three years)

H304 BEng/MeE4 (four years with Industrial Experience)

H301 MEng/Mech (four years)

H302 MEng/Mech5 (five years with Industrial Experience)

Programme description

Mechanical Engineering will show you how parts, machines and systems work, and how to design and analyse them. This could be a car engine, a jet engine, a power station or even a household object – the emphasis in this programme will be on energy and design. If you are enrolled on an MEng programme, you will work on a group design project in the final year; recent examples include a performance assessment of Britain's Olympic Bobsleigh, and the testing of a combustor from a microgas turbine in collaboration with Rolls Royce. The Mechanical Engineering degree programmes are accredited by the Institution of Mechanical Engineers.

Programme outline

Year 1 Energy Conversion Systems • Engineering Design Methods • Engineering Mechanics: Dynamics • Engineering Mechanics: Statics • Mathematical Techniques for Engineers • Mechanics of Fluids • Thermodynamics • Engineering Materials in Design

Year 2 Heat Transfer • Mechanics of Fluid for Mechanical Engineers • Engineering Design • Engineering Mathematics • Vibration and Control • Graphic Communication • Structural Analysis • Electrical Technology

Year 3 Mechanical Individual Research Project • Computer-Aided Engineering • Operational and Financial Management • Advanced Thermodynamics • Materials Selection in Design • Options from: Environmental Engineering • Fluid Mechanics and Heat Transfer • Combustion in Automotive Engines • Aircraft Propulsion

Optional year out working in industry

Year 4 (For MEng) Mechanical Group Design Project • **Options from:** Computational Engineering • Advanced Fluid Mechanics and Heat Transfer • Advanced Environmental Engineering • Vehicular Crashworthiness • Combustion Concepts and Modelling • Renewable Energy Sources • Computational Fluid Dynamics • Robotics • Advanced Combustion in Reciprocating Engines • Advanced Gas Turbines

Medical Engineering

HBC8 BEng/ME (three years)

HBD8 BEng/ME4 (four years with Industrial Experience)

HB18 MEng/ME (four years)

HB1V MEng/ME5 (five years with Industrial Experience)

Programme description

Medical Engineering brings technological innovation to the field of medicine and healthcare. It integrates professional engineering activities with a medical knowledge of the human body. Many of the advances in this field now seem commonplace – hip replacements, pacemakers, medical imaging, life support systems and medical lasers are just a few examples. You will study core engineering modules as well as specialist medical engineering options. For the third-year individual research project you will be integrated into our internationally leading research activities, investigating a particular area of medical engineering in depth. The fourth-year group design projects (for the MEng degree) are industry-linked with appropriate clinical input and a focus on solving real medical-engineering design problems. Recent projects have included the design of an improved total ankle joint replacement, a new mattress to prevent pressure ulcers and instruments for keyhole surgery of the shoulder. The Medical Engineering degree programmes are accredited by the Institution of Mechanical Engineers.

Programme outline

Year 1 Clinical Problems in Biomedical Engineering and Materials • Clinical Solutions in Biomedical Engineering and Materials • Engineering Design Methods • Engineering Materials in Design • Mathematical Techniques for Engineers • Engineering Mechanics: Dynamics • Engineering Mechanics: Statics • Mechanics of Fluids

Year 2 Functional Materials in Medical Engineering • Aspects of Medical Engineering 2 • Engineering Design • Engineering Mathematics • Vibration and Control • Structural Analysis • Electrical Technology

Year 3 Medical Individual Research Project • Computer-Aided Engineering for Solids and Fluids • Materials Selection in Design • **Options from:** Tissue Engineering and Regenerative Medicine • Advanced Aspects of Medical Engineering • Biomechanics • Operational and Financial Management • Robotics • Principles and Application of Medical Imaging

Career opportunities

Mechanical Engineering

Recent graduates from this degree programme have gone on to careers in the engineering industry, working as mechanical engineers at LG Philips, Moucel Parkmen, Tube Lines, Mott MacDonald and Rolls Royce. Engineering consultancy is another possible career.

Medical Engineering

The healthcare industry is one of the world's biggest industrial sectors, and it grows every year, providing plenty of job opportunities in research, development and patient care. Many of our Medical Engineering graduates are working for companies such as Smith and Nephew, DePuy and Finsbury Instruments developing the latest medical devices and technologies. Others work for the Medicines and Healthcare products Regulatory Agency (MHRA) responsible for the safety, quality and performance of medical technology in the UK. Graduates also work in the NHS as clinical scientists or medical engineers; others go into further research by studying for an MSc or PhD. A few students also chose to go into medicine via the graduate entry scheme.



Optional year out working in industry

Year 4 (For MEng) Medical Engineering Group Design Project • **Options include:** Computational Engineering • Advanced Biofluid Mechanics • Bioengineering in Urology • Surgical Techniques and Safety • Clinical Measurements • Computational Fluid Dynamics • Implant Design and Technology • Medical Ethics, Law and Regulatory Practice in Bioengineering

Graduate profile: Craig Jamieson



Studied: MEng Avionics – graduated 2010

Currently: Trainee teacher (maths), University of Cambridge

What did you gain from your time at Queen Mary?

The course itself is very mathematical: prospective

engineers should come ready to use maths as a tool. Many modules place you in groups to work on projects. This helped to improve my people skills, particularly the vital understanding that not all people see things from exactly the same perspective! This, combined with the time I spent as a student ambassador, really helped to prove my ability to work with people in my application for teacher training.

Did you encounter any difficulties securing this job, and how did you get over them?

Some mathematical features, such as statistics and shape theory, were used surprisingly little in my course. However, Cambridge has recognised this and is allowing me time to cover any gaps in knowledge before I start. The only other difficulty has been explaining to people why I want to be a maths teacher after studying engineering!

What does your current job involve day-to-day?

Teaching maths is a lot more than saying “this is a formula, learn it for a test.” It’s very psychological – understanding how people learn, and working with this in mind to help people become great mathematicians and to better themselves.

What are your most and least favourite aspects of your job?

From my experience so far, the benefits are obvious – working with people and getting a real sense of fulfilment at the end of the day. Unfortunately, fulfilment and disappointment are two sides of the same coin. Sometimes, when an idea is hard to convey, and all there are is blank faces to your explanation, it’s very disappointing. Hopefully this is something that will disappear with practice!

What can current students do to prepare for getting a job in your area? Visit www.tda.gov.uk and look into Student Associate Schemes early. These give paid experience in schools, and can be done as little as a day a week over a term.

Degree programmes

Sustainable Energy Engineering

H221 BEng/SEE (three years)

HF21 BEng/SEE4 (four years with Industrial Experience)

H224 MEng/SEE (four years)

HG21 MEng/SEE5 (five years with Industrial Experience)

Programme description

The projected increase in global energy demand, led by developing and emerging economies, underscores the need for new supplies of affordable sustainable energy. This future energy need is perhaps the greatest single challenge facing the world in the Twenty-First Century. The programme will concentrate on training students for employment in the energy sector. Examples of recent projects include an assessment of bio-diesel as a road vehicle fuel and the development of rooftop wind turbines. Graduates may go on to work as engineers advising on sustainability issues, for example, in energy companies or the government.

Programme outline

Year 1 Energy Conversion Systems • Engineering Design Methods • Engineering Mechanics: Dynamics • Engineering Mechanics: Statics • Mathematical Techniques for Engineers • Mechanics of Fluids • Thermodynamics • Engineering Materials in Design

Year 2 Heat Transfer • Mechanics of Fluid for Mechanical Engineers • Engineering Design • Engineering Mathematics • Vibration and Control • Graphic Communication • Structural Analysis • Electrical Technology

Year 3 Mechanical Individual Research Project • Computer-Aided Engineering • Operational and Financial Management • Advanced Thermodynamics • Materials Selection in Design • Options from: Environmental Engineering • Fluid Mechanics and Heat Transfer • Combustion in Automotive Engines • Aircraft Propulsion

Optional year out working in industry

Year 4 (For MEng) Mechanical Group Design Project • **Options from:** Computational Engineering • Advanced Fluid Mechanics and Heat Transfer • Combustion Concepts and Modelling • Renewable Energy Sources • Advanced Environmental Engineering • Renewable Energy Materials • Computational Fluid Dynamics • Advanced Combustion in Reciprocating Engines • Advanced Gas Turbines



STUDENT PROFILE

Sandya Abrar

Sustainable Energy Engineering

"The best thing about the programme is its goal: learning how to champion sustainable development through the implementation of engineering tools and knowledge. Last year we had to make a poster presentation on an existing source of renewable energy. My group was allocated tidal power, and I very much enjoyed doing the research. It was a challenging project, in the sense that we were given complete freedom to structure things in the way that we wanted to.

"There is plenty to do on campus and the Students' Union is always organising great events. For example every night there is a themed party and on Sunday evening there is usually a movie with free popcorn. I really enjoy going to the Drapers' Bar after lectures to chill with my friends, and play pool and table football. Once a week I join the ballroom dance society for a lesson. It is a great way to meet other students."

Career opportunities

Sustainable Energy Engineering

This programme will improve your employment prospects by equipping you with the specific skills and knowledge required to meet the increasingly demanding environmental issues involved in energy creation and consumption.

English

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School of English and Drama

FAQs

What is English at Queen Mary?

Studying 'English' means studying how people read, write and speak through history and in contemporary society. You may read many different kinds of writing, from different periods and contexts, and discuss them critically in written work, tutorials and seminars.

As a student of English you will look at imaginative writings in their cultural and historical contexts. This often means reading 'non-literary' or lesser-known texts of the period. It may mean walking through the London of Defoe, Dickens, Virginia Woolf or Monica Ali. It may mean discovering the impact of the French Revolution on English art or the impact of the colonial experience on colonisers and colonised, or the dialogues which texts of one period or place carry on with those of another. You will find that writers are readers first, and that readers re-shape written texts in the light of their varied experiences – all this makes the study of English a dynamic activity.

English students learn about the history of critical and theoretical approaches to literary texts and question the notion of 'literature' itself. You'll discover how history, philosophy and psychology shape literary criticism and theory and how literature itself is taken on board by those disciplines.

Why study English? What can I do afterwards?

English has always been highly regarded as a rigorous, analytical, academic degree, and whether you choose a related career or not, you'll develop lots of very useful skills, including:

- Analytical ability
- Communication skills – oral and written
- Presentation skills – learn how to make points and lead discussion
- Writing ability through essays, journals, reviews etc
- Research skills
- Time management
- Teamwork skills – you'll work in groups to research topics and then present your findings.

English graduates are sought-after in a wide range of career areas, especially those calling for excellent communication and analytical skills. Journalism and the media are popular with English students; some become technical writers or work on trade magazines (being able to write about virtually anything is a huge advantage). Public relations, marketing, advertising and personnel management are all open to you. English graduates also go into finance, and Queen Mary students are well placed for City careers. Management training, law and teaching are other popular destinations – and every year we have many students who go on to higher degrees.

Why study English at Queen Mary?

English at Queen Mary was ranked 2nd in the UK by the 2008 Research Assessment Exercise (RAE), ahead of Oxford, Cambridge and UCL, with more than 70 per cent of our academics working at a world-leading or internationally excellent level. You will benefit by learning from people who are passionately engaged with their subject. We also do well in national university rankings: English at Queen Mary was ranked 9th in the UK by both *The Times Good University Guide 2012* and the *Guardian University Guide 2012*. In the most recent National Student Survey (NSS 2011), 91 per cent of our students were satisfied overall with the quality of the course.

Although we're a big department, which means you can study virtually anything you're interested in, we're also very friendly. There's plenty of staff contact, and you'll get a lot of individual help and advice on your work. We encourage you to develop your writing skills – if you're aiming for Booker Prize fame, our Royal Literary Fund Fellows will help you put pen to paper. In fact, all sorts of interesting activities go on in the department: visits to museums; theatre trips; and talks by eminent writers, actors and other media luminaries.

Several members of staff are stars in their own right: Professor Lisa Jardine CBE has been a judge for the Whitbread Prize, the Guardian First Book Award, the Orwell Prize, the Orange Prize and the Man Booker Prize; and Professors Michèle Barrett and Jacqueline Rose are well-known for groundbreaking work on feminist theory, and are frequently heard on radio, along with other members of the department, such as Professor Peggy Reynolds and Professor Jerry Brotton. Radio 3's recent list of "new generation thinkers" – up-and-coming public intellectuals "with a passion for communicating the excitement of modern scholarship" – included Shahidha Bari.

You'll also have the chance to study in the USA, through the College's exchange scheme, a real benefit if you are studying American literature.

We have a very wide range of option modules. The interactions between English and other disciplines you may have studied at school will be clear in modules such as British Culture in the 1950s, Reading Psychoanalysis, or Critical Aesthetics. The different focuses of literary writing – from crime in the city to scientific discoveries to nationalism – will make you aware that all literary texts are voices of people and societies both like and unlike our own. Studying these will stretch you far beyond your A-level reading and you'll find that your spare-time reading has dimensions you had never thought of.

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: 360 points from three A-levels. A typical offer would be 360 points, with at least A in English literature, or combined English language and literature.</p> <p>Excluded subjects: General studies, critical thinking.</p>
AVCE Vocational A-levels	Must be combined with an A2 in a relevant subject at grade A.
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with an A-level.</p> <p>Subjects and grades required: Overall Double Award DD.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable only when combined with an A-level.</p> <p>Subjects and grades required: Overall Double Award DDD.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 36 points overall, with at least six points in both English literature and one other relevant subject at higher level.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 85 per cent with a good pass in a relevant subject.</p>
Access to HE Diploma	<p>Credit and grade requirement: Achieve a Distinction in at least 15 level 3 credits (including English Literature) and Merit in at least 9 level credits. Other Kit-marked or Open College network validated access qualifications, will also be considered with a subject relevant component at A-level.</p>
European and international qualifications	The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries
Other qualifications	The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions and Recruitment Office will be happy to advise you as to the acceptability of your qualification.

This information is accurate at time of going to press, but please check www.english.qmul.ac.uk for the most up-to-date entry requirements.

Key facts

Assessment

You will be assessed in a variety of ways. Some modules will be assessed by traditional exams, but the majority are assessed by coursework. Coursework can mean essays, projects, individual or group presentations, log books, oral or memorisation tests. All coursework is compulsory because each piece of coursework contributes towards the final mark for a module.

Our teaching

We teach our programmes in a variety of ways, some traditional, some new. In your first year you will spend some of your time in lectures, which are always followed by smaller seminar groups. Increasingly, we are making lectures available by video podcast so that you can refresh your memory of what was said and shown. All your teachers have weekly office hours and you are encouraged to make use of these for advice. We try to vary our teaching as much as possible so that you learn by encountering different situations and points of view. Many of our modules feature guest lecturers (professional writers and publishers, for example). Others make use of the unrivalled resources that London offers by taking you out of the classroom. As you progress, you'll spend more time in smaller classes where you'll be expected to take more responsibility for your learning as you develop confidence and skills. But whatever the format, you'll be taught by experts in their field who are passionate about their subject and committed to good teaching.

Admissions

Admission is by UCAS form and interview with a member of academic staff.

Further information

Further information on English programmes including details of single and joint honours degrees, and descriptions of individual modules can be found at www.english.qmul.ac.uk

For further information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions Office for further information: Tel: +44 (0)20 7882 5511 email: admissions@qmul.ac.uk www.qmul.ac.uk/international



Graduate profile:

Daniel Sawyer

Studied: BA English

Currently: After graduating I got a job as an E-Learning Assistant at the School of Medicine, Southampton University. I have now taken up a funded postgraduate place at Oxford University on an MSt in English (650-1550).

Why did you choose Queen Mary?

The size and reputation of the English department and the degree of choice offered by the course structure.

How did your time at Queen Mary prepare you for work? I learned how to write rapidly and well, and how to research a subject methodically. The English course also made me more confident about speaking to a group. And from student life in general I learned a lot of interpersonal skills.

What are your most and least favourite aspects of your job?

When I was working in medical e-learning, I loved the mixture of disciplines it involved: I got the chance to work with doctors, medical students, graphic designers, web developers and learning design experts, all trying to create something together. And my least favourite part of the job was definitely whenever some piece of tech refused to work!

At present my favourite part of my postgrad course is probably handling medieval manuscripts, which is quite a thrill. As for the part I like least, I suppose, surprisingly enough, I am rather missing the discipline of a fixed nine-to-five working day.

English Degree programmes



English

Q300 BA/Eng (three years)

Programme description

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, and psychology. You will be exposed to the most innovative work in English studies, in a department which combines internationally recognised research with a strong commitment to undergraduate teaching.

Programme outline

Year 1 Core modules: Shakespeare • Reading, Theory and Interpretation • Literatures in Time: Texts and Contexts from the Eighth to the Sixteenth Century • Poetry: A Basic Course • Fiction and Narrative

Years 2 and 3 Core module: Advanced Research Skills. In your final year you take the English Dissertation.

The remainder of modules in your second and final years are options, and you can choose modules which reflect your particular interests. **Options may include:** Terror, Transgression and Astonishment • Nineteenth-Century American Literature • Virginia Woolf • Contemporary Writing • Narratives of Magic and Witchcraft • Seventeenth Century Literary Culture • Argument and Address • Text, Art and Performance • Critical Aesthetics • Modernism and Democracy • Victorian Sensation Fiction • Representing London • Postcolonial Literatures in English • Feminist Thought

English and History

QV31 BA/EngHis (three years)

Programme description

This degree meets a growing demand from students for a programme that links the social and political history of a period with its literary texts, and provides theoretical and skill-related tools for understanding the relationship between two disciplinary approaches.

Programme outline

Year 1 Core modules may include: Reading Theory and Interpretation • Introduction to Intellectual History • Shakespeare • Literatures in Time: Texts and Contexts from the Eighth to the Sixteenth Century • Unravelling Britain: British History since 1801 • Building the American Nation 1765-1890 • From Reformation to Revolution: Europe and the World 1500-1800 • The Medieval World: Structures and Mentalities

Years 2 and 3 In your second year you are encouraged to choose complementary modules from the two disciplines, to construct a programme which is based either on a period or a theme. **Options may include:** Seventeenth Century Literary Culture • Making the Modern City 1789-1914 • Medieval Women • Anglo-American Relations 1945-1970 • Nineteenth Century American Literature • Postcolonial Literatures in English

In your final year, you may take either • a special subject in History • or • a History Research Dissertation • or • the joint English and History dissertation.

You can choose the remainder of your modules to reflect your particular interests. **options include:** Caribbean Writing in the Twentieth Century • Contemporary Writing • King Arthur • Thomas Hardy • Outsiders in the Middle Ages • Oral History • Representing Victorian London • Modernism and Democracy



English and Drama

QW34 BA/EngDr (three years)

Programme description

This joint degree programme will engage you in the study and practice of performance, and the reading of texts from diverse genres and periods. It combines practical and theoretical study in a range of interconnected areas, providing a variety of approaches to English and drama as active and dynamic subjects. Along with an understanding of how English and drama complement one another, you will be encouraged to locate texts and performances in political, cultural and historical contexts.

Programme outline

Year 1 Core modules: Shakespeare • Reading, Theory and Interpretation • Theatre and its Others • Performance in History • Making Theatre Work • London, Culture, Performance

Years 2 and 3 In your second and third years you can choose from a range of module options. You balance your choices between English and Drama.

Options may include: Issues in Cultural Politics and Performance • The City Performed • Feeling It: Emotion and Sensation in the Theatre • Chaucer • Modernism • Costume Dramas: the Past Performed • Representing London: the Eighteenth Century • Early Modern Drama and Social Process • Contemporary Writing • Text, Art and the Performance in London • James Baldwin and American Civil Rights • Shakespeare: the Play, the Word and the Book

Career opportunities

English

English graduates are sought-after in a wide range of career areas, especially those calling for excellent communications and analytical skills. Journalism and the media are popular with English graduates who want to use their writing skills. Many of our graduates embark on professional careers in teaching, finance, management or law. Public relations, marketing, advertising and personnel management are also possible careers. A significant number of our graduates also progress to take higher degrees, both at Queen Mary and elsewhere.

English and History

English and History graduates find opportunities for employment in many different careers, especially those calling for excellent communication and analytical skills. You will also have developed your research skills and your understanding of the modern world, all of which are valued by employers. You might find employment in areas such as business, journalism and the media, education, museums and archives, government or public relations. A number of our graduates continue with their studies at postgraduate level, both at Queen Mary and elsewhere.

English and Drama

English and Drama graduates are successful in a wide range of careers. You will be well-prepared to pursue work in publishing, the media, or journalism – anywhere where skills in critical thinking and writing are required. You might also find work in the theatre as an actor, director, writer, designer or arts administrator. In addition, many of our graduates embark upon professional careers in marketing, public relations, finance, management, law and teaching. Every year a number of students progress to take higher degrees, both at Queen Mary and elsewhere.

Graduate profile: Andreas Beckwith



Studied: BA English

Currently: Having completed a TEFL course I am going to Valencia in Spain to teach English as a foreign language.

Why did you choose Queen Mary?

It has a very good reputation, particularly for English, and this was an important factor in my choice. I also wanted to go to a university in a vibrant city with plenty of opportunity for new experiences. I liked the fact that Queen Mary is a campus university, as it meant that a large majority of the students would be in one place.

Salary bracket: Up to £25,000

What did you gain from your time at Queen Mary?

I had a fantastic time at Queen Mary, both on the academic and social side of university life. I greatly improved my English skills, and degree level study opened up new avenues of thinking and interpretation which I had not been exposed to before. The course structure is particularly good, as it allows you to shape your own degree with a wide choice of modules. The university's diversity is one of its main assets, I really enjoyed meeting people from all sorts of backgrounds. The experience was invaluable and has helped shape me as a person.

What are your career plans in the next five years?

I plan to be out in Spain for the next year teaching English, after that I will possibly do a masters. Ideally I would like to make a career in writing, in journalism and script writing, with my main goal to become an author.

Degree programmes

English and French

QR31 BA/EgFr4 (four years)

English and German

RQ23 BA/EngGe4 (four years)

English and Hispanic Studies

RQ43 BA/EngHS4 (four years)

English and Russian

QR37 BA/EngRus4 (four years)

Programme description

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 linguistic skills, and introducing you to a range of theoretical and critical approaches to English studies. In your third year, you normally spend a year abroad in a country where your chosen language is spoken – either studying or working, depending on your placement.

Programme outline

This example is for English and French, but similar pathways exist for combinations of English and another language. For details of other language modules, see the languages section on pages 168-170.

Year 1 English core module: English, Reading, Theory and Interpretation • then choose either Shakespeare • or • Literatures in Time: Texts and Contexts from the Eighth to the Sixteenth Century • or • Poetry: A Basic Course • and • Fiction and Narrative • **French core modules:** French I • French Foundations.

Years 2 and Final French core modules: French II • French III • **French options include:** Art in France: Manet to Early Picasso • French Phonetics and Phonology • The Edutainers: Francophone Children's Literature • Language and Identity in Quebec • Imagining Modernity • **English options include:** Modernism • Nineteenth-Century American Literature • Victorian Poetry • Writing South Africa • Chaucer • Reading Psychoanalysis, Reading Literature

Year 3 Year Abroad: Written Assignment



Career opportunities

English and a foreign language

As a graduate in English and a foreign language you have been highly trained to value both linguistic precision and cultural contexts. In addition to your excellent communication skills – written and spoken – you have the cultural flexibility that comes from having lived, and perhaps worked, abroad. Your training in the analysis and interpretation of material as well as in report-writing, group-working and presentation skills is highly valued by future employers. Our graduates are attracted to sectors as diverse as banking, multinational corporations, marketing, PR, sales, management consultancies, the diplomatic service, publishing, the media, teaching, law, computing, library management. Each year some of our students go on to study at postgraduate level.



Degree programmes

English Literature and Linguistics

QQ13 BA/EL (three years)

Programme description

Deep knowledge of the English language is crucial in today's information-laden world, from the media and technology, to understanding the historical roots of our culture. This programme is designed for people who are interested in the English language, how it is structured, how it came to be the way that 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 uniquely combines the social sciences perspective with that of the humanities, giving you a solid training in both ways of thinking about the world.

Programme outline

Year 1 **Linguistics core module:** Foundations of Linguistics • **English core module:** Reading, Theory and Interpretation • The remainder of your modules are option modules. **Options may include:** Language in the UK • English in Use • Shakespeare • Poetry: A Basic Course • Fiction and Narrative • Literatures in Time: Texts and Contexts from the Eighth to the Sixteenth Century • Introduction to Socio Linguistic Variation

Years 2 and 3 **Options include:** Argument and Address • Postcolonial Literatures in English • Representing London: The Eighteenth Century • Text, Art and Performance in London • Modern Jewish Literature • Explaining Grammatical Structure • Aspects of Meaning in Language • Language and Mind • Language and the Media • Linguistics of Storytelling

In your third year you may undertake an English Dissertation, or the Research Methods in Linguistics and Linguistics Research Project. The remainder of your option modules. **Options may include:** Structures of Spoken Language • Syntactic Theory • Bilingualism • Formal Semantics • English Dialect Syntax • Caribbean Writing in the Twentieth Century • Poetic Ideology and Practice in English Romanticism • Sex, Gender and Language • Philosophy of Language • Variation and Change in the English Language

English and Film Studies

QW36 BA/EngFSt4 (three years)

Programme description

The English and Film Studies degree offers a unique interdisciplinary pathway that combines critical theory and textual analysis with hands-on production

work. You'll graduate with an extensive and coherent set of transferable skills: critical, analytical, communicative and practical.

Programme outline

Year 1 **Core modules:** Introduction to Film • Auteurism: The European Tradition • Stars • Reading, Theory and Interpretation, • plus either Poetry: A Basic Course • and • Fiction and Narrative • or • Literatures in Time: Texts and Contexts from the Eighth to the Sixteenth Century • or • Shakespeare

Years 2 and 3 In your second and third years you can choose from a range of option modules.

In Year 2, there is **one core module** • Film Studies: What is Cinema? (Critical Approaches) • You then choose from a range of option modules. **Options may include:** Caribbean Writing in the Twentieth Century • Terror, Transgression and Astonishment • Poetic Ideology and Practice in English Romanticism • Contemporary Writing • Contemporary British and Irish Poetry • Representing Victorian London • British Horror • Luis Buñuel • French New Wave • Scriptwriting • Italian Cinema

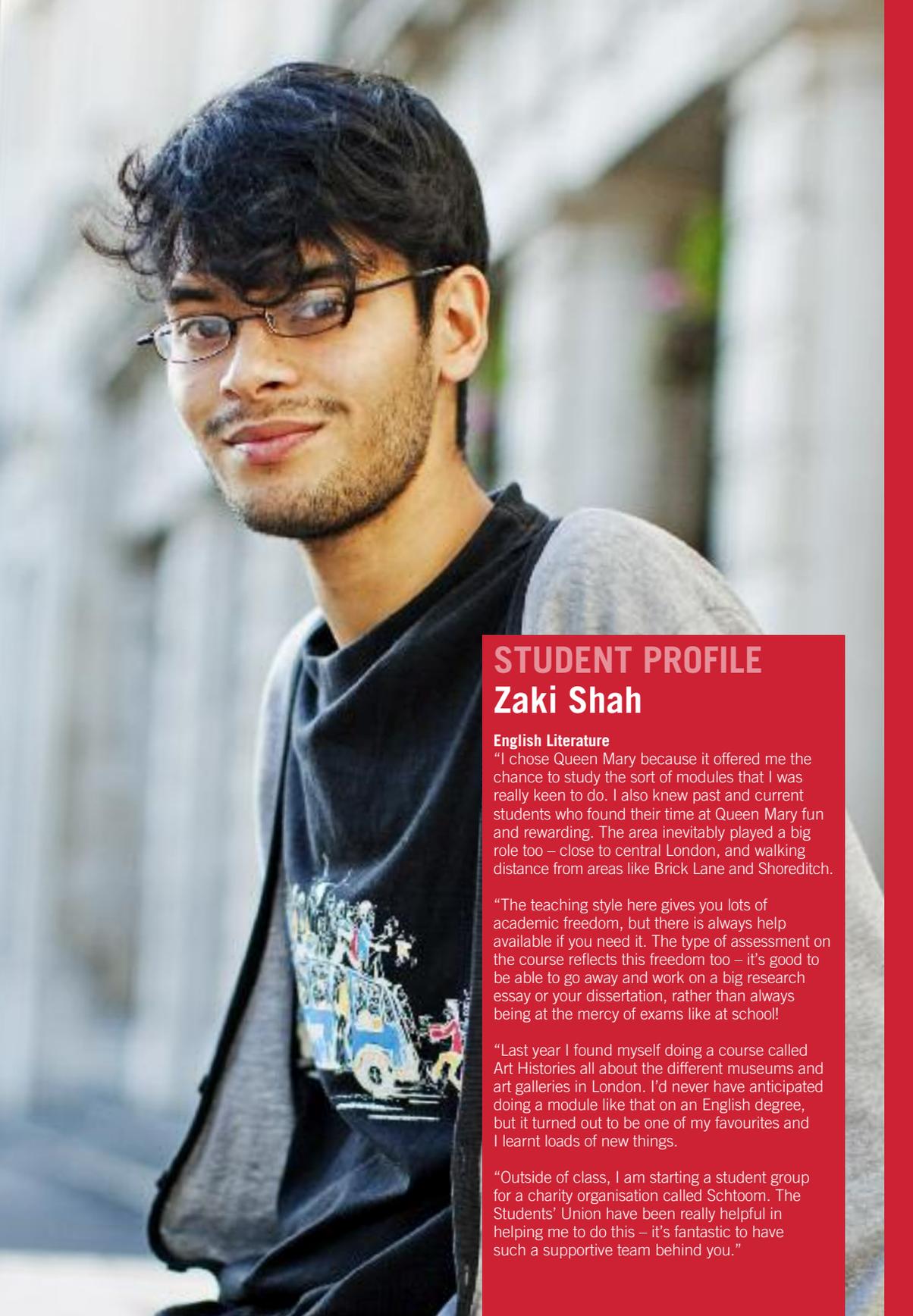
Career opportunities

English Literature and Linguistics

This degree uniquely combines the social sciences perspective of linguistics with the humanities approach that is typical of the study of literature, giving you a solid training in these two ways of problem solving and of thinking about the world. Students completing this degree will be extremely well placed to become teachers of English Language and Literature, given the developing national curriculum. The programme will also open doors in journalism and the media. Graduates have gone on to careers in management, teaching English as a foreign language (EFL), marketing, public relations, human resources, publishing, and more.

English and Film Studies

Potential careers include directly related fields such as film and television, especially in production or creative sectors. You'll also be well placed for jobs in the media sector generally: journalism, public relations, advertising, new media and so on. Careers demanding good communications skills, such as teaching, publishing and arts programming will be open to you, plus, of course, many other graduate careers for which a specific degree is not needed, from management consultancy and accountancy to finance and law.



STUDENT PROFILE

Zaki Shah

English Literature

"I chose Queen Mary because it offered me the chance to study the sort of modules that I was really keen to do. I also knew past and current students who found their time at Queen Mary fun and rewarding. The area inevitably played a big role too – close to central London, and walking distance from areas like Brick Lane and Shoreditch.

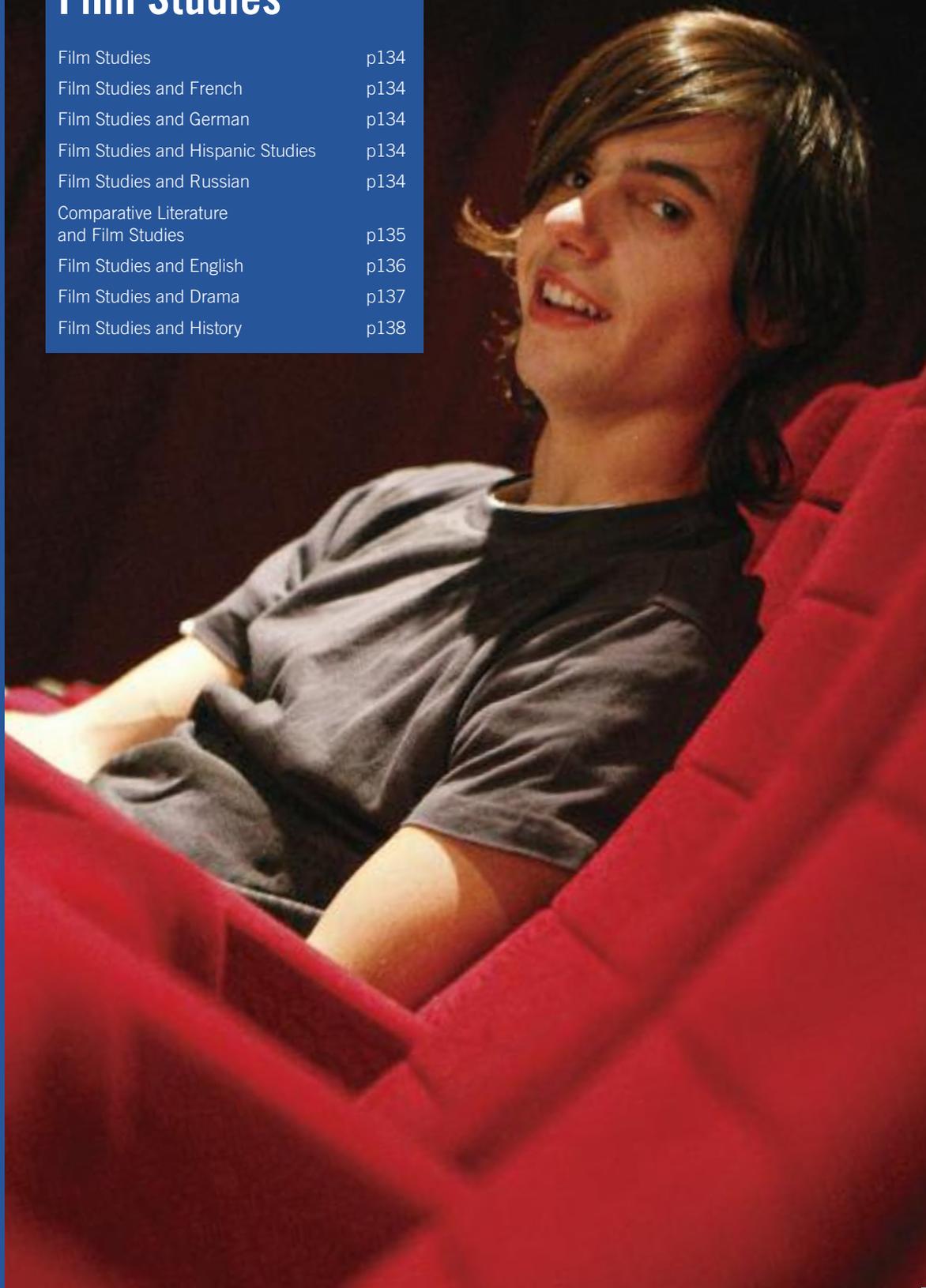
"The teaching style here gives you lots of academic freedom, but there is always help available if you need it. The type of assessment on the course reflects this freedom too – it's good to be able to go away and work on a big research essay or your dissertation, rather than always being at the mercy of exams like at school!

"Last year I found myself doing a course called Art Histories all about the different museums and art galleries in London. I'd never have anticipated doing a module like that on an English degree, but it turned out to be one of my favourites and I learnt loads of new things.

"Outside of class, I am starting a student group for a charity organisation called Schtroom. The Students' Union have been really helpful in helping me to do this – it's fantastic to have such a supportive team behind you."

Film Studies

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School of Languages, Linguistics and Film

FAQs

What is film studies at Queen Mary?

Film studies is a genuinely interdisciplinary academic field. An encounter with films of different genres, styles, periods and national industries is the core of the subject, and as a film student you will naturally devote a lot of time to viewing films, reading and writing about them, and discussing their meaning and importance. Through practical modules, you will also gain hands-on experience of the roles of producer, director, screenwriter and actor, gaining crucial insights into the fundamental aspects of film production.

However, this is just the beginning. Film studies is a 'gateway subject' that inevitably fosters an understanding of visual aesthetics, narrative forms and technological ability, but that also leads students into areas of study as diverse as history, politics, philosophy, technology and performance.

Film studies demands creative and original thought: it asks us to question, for example, how class, race, ethnicity and sexuality are represented on the screen, and investigates why this might be different from country to country, or from period to period. It asks us to think about film production in terms of the development and impact of new media technologies. It examines the effects of international commerce on the type of films that we get to see, and probes the impact of practices and regulations such as censorship, cultural policy, star systems, festivals and industry awards. It invites us to think critically and theoretically about media practices, and to anchor this understanding in a framework that is both intellectually rigorous and culturally relevant.

Why study film studies? What can I do afterwards?

Film studies is a rigorous, analytical, academic degree. You will graduate with an excellent knowledge base and a range of important transferable skills:

- Research skills: you'll gather and collate information from a range of sources
- Analytical ability: you'll produce informed and thorough close readings of key films, and relate your analysis to a wide range of important questions
- Production/practical experience: although you will not be trained to a professional level, you will get a chance to write, story-board, shoot, and edit on a range of practical projects
- Creativity: studying film develops your imagination and creative skills
- Communication skills: you'll become expert at conveying an argument, whether it's through a presentation, essay, or analysis of a particular scene

- Presentation skills: seminars will make you very good at facing a critical audience – effectively!
- Writing: to succeed on Film Studies you'll need to cultivate your writing skills, and produce written work of an extremely high standard
- Group working skills: seminar discussion and practical film production require good levels of co-operation and delegation.

Why study film studies at Queen Mary?

In recent National Student Surveys (NSS), film studies at Queen Mary has rated consistently highly in terms of overall student satisfaction and in terms of the quality of teaching across the programme. We have performed consistently well in national newspaper league tables: we were placed 5th out of 90 UK institutions in the *Times Good University Guide 2012* table for Communication and Media Studies, and were ranked 6th out of 86 UK institutions in the *Guardian University Guide 2012* for Media Studies, Communications and Librarianship.

In the most recent Research Assessment Exercise (RAE 2008), the School of Languages, Linguistics and Film was ranked highly for the quality of the research being carried out by staff. This means that you will be taught by people who are breaking new ground in their field, who will be able to pass on their passion and knowledge to you. Our staff have expertise, notably in British and American cinema, and in French, German, Italian, Portuguese, Spanish and Russian filmmaking.

You are encouraged to develop your skills in film criticism and copy-editing by contributing to our new online journal, *Mapping Contemporary Cinema*, run by staff and students. Queen Mary also hosts *Living British Cinema*, an exciting new forum that promotes the appreciation of British film culture and history, bringing together students, scholars, writers, filmmakers and industry professionals.

Our London location is another obvious advantage. The city is home to the National Film Theatre, British Film Institute and the London Film Festival, as well as to major film premières and art-house cinema venues. And, with much film and television production based here, there are opportunities to gain valuable experience in a film-related part-time job or work placement.

We have excellent facilities, particularly our state-of-the-art 41-seater cinema, used for screenings and lectures, our 'black box' studio and our Film Production suite, with high-end Apple Mac computers running Final Cut Pro.

Entry requirements

General Information	You may study a language without having studied it before (except for French) provided that you have a proven ability in a foreign language. Applicants whose first language is not English must obtain a grade B in GCSE English language or equivalent, or will be required to have IELTS 7 (with grade 7 in writing). If you are studying Russian from beginners level you will undertake a preliminary year of Russian language. Excluded subjects: General studies and critical thinking.
A/AS-levels	Tariff/Grades requirement: 360 points for all combinations with English literature or drama: QW36 and WW46. 340 points from three A-levels in any subject (with none lower than a grade B) for the following programmes: P303, QP23, RW16; RW16 additionally requires an A-level or equivalent in French. Although no particular subjects are required, A-level in film studies, media studies, English or history may be advantageous to applicants. For all other programmes: 320 points from three A-levels in any subject (with none lower than a grade C). We may also consider applicants who gain the correct points score from two A-levels and two AS-levels in relevant subjects.
Vocational or applied A-levels	Up to two vocational A-levels may be offered, or one double award, but applicants must also offer at least one GCE A-level. Additional information: Must be in film or a related subject.
BTEC Level 3 Diploma (120 credits)	Acceptability: Acceptable only when combined with other qualifications. Subjects and grades required: Overall Double Award DD. Must be in film or a related subject.
BTEC Level 3 Extended Diploma (180 credits)	Acceptability: Acceptable on its own and combined with other qualifications. Subjects and grades required: Overall DDD for the following programmes: P303, RW16, QP23 and VW16. Must be in film or a related subject. For RW26, RW46 and RW76, overall DDM in a film or related subject.
International Baccalaureate	Acceptability: Acceptable on its own and combined with other qualifications. Subjects and grades required: 34 points overall with 6 in English for P303, RW16, QP23 and VW16. RW16 additionally requires 6 in higher level French. 32 points overall with 6 in English at higher level, and for programmes involving a language, 6 in higher level language. Overall 36 points for all combinations including English literature or drama.
European Baccalaureate	Acceptability: Acceptable on its own and combined with other qualifications. Subjects and grades required: 80 per cent overall with a good pass in English for P303, RW16, QP23 and VW16. Overall 77 per cent with a good pass in a language and 8/10 in English for all other programmes. Overall 85% with 8/10 in English for all combinations with English literature or drama.
Access to HE Diploma	Achieve Access to HE Diploma including Distinction in at least 24 Level 3 credits and Merit in at least 12 Level 3 credits. <i>Recognised by the Quality Assurance Agency for HE</i>
European and international qualifications	The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries
Other qualifications	The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification. Flexibility shown for mature students.

Assessment

Most modules combine assessed coursework and an end-of-module exam, though the proportion may vary. Some modules, including the practical ones, are assessed by coursework only. Final-year students have the opportunity to pursue a sustained piece of research or to develop an extended film production project or long script.

For further information regarding assessment for specific modules, see: www.slif.qmul.ac.uk/courses

Our teaching

A typical weekly timetable might include four lectures in groups of between 25 and 75, and four seminars in classes of under 20. There are weekly film screenings for most modules, and workshop sessions for many practice-based modules, as well as group work in the studios or on location. Typically, your timetable might include 16-20 hours of classroom time overall.

Admissions

Admission is by UCAS form. Transfer or mature applicants may be invited for interview or asked to produce a piece of written work. An offer is usually followed by an invitation to one of our post-application open days.

Further information

Please contact:
UG Admissions Administrator
School of Languages, Linguistics and Film
Tel: +44 (0)20 7882 8331
Fax: +44 (0)20 8980 5400
email: slif-ug@qmul.ac.uk

For further information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions and Recruitment Office for further information.
Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international



Graduate profile: Alissa Timoshkina

Studied: BA and MA in Film Studies

Currently: After working as a film projects coordinator at a London-based Russian cultural foundation, I have started my own Multimedia Events Company 'GLAZ', currently developing two film projects (Festival of Sergei Paradjanov, London-Bristol, and Berlin Wall film season at the Barbican), and one multimedia dance and theatre project, called 'Digital Stages'. Also, starting a PhD in Film Studies.

Salary bracket: **Up to £25,000**

Why did you choose Queen Mary?

I was impressed by the competence and expertise of the staff at the School of Languages, Linguistics and Film, it's highly ranked among other London universities and colleges. There's also a warm and friendly atmosphere in the postgraduate community, and good relations between students and teachers.

What did you gain from your time at Queen Mary?

An extremely useful and inspiring knowledge of film, appreciation of culture, thought and visual arts. I also improved my ability to formulate and express personal views and opinions, both in written and verbal form. Overall this gave me the confidence to pursue a professional career in a film-related field, and strong enough academic knowledge to continue research on a PhD level.

What are your career plans in the next five years?

To establish my company as one of the respected and well-known organisations to work with moving image in the UK; to complete a PhD; to complete a script for my first feature film.

Film Studies

Degree programmes



Film Studies

P303 BA/FSt (three years)

Programme description

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 eight modules designed to provide a solid foundation in cinema history, the European industry, film language, concepts and technology. In later years you take modules in film theory and a selection of options in specialist areas of your choice. The final year gives you the opportunity to undertake a supervised project, either written or practical, while the remainder of the programme is made up of advanced study in specialist areas that correspond to your interests and skills.

Programme outline

Year 1 Core modules: Introduction to Film • Stars • Genre • Auteurism: The European Tradition • **Options:** Scriptwriting: Creativity and Technique • German Film 1 • Production Skills • Critical Approaches to Film: Film Noir

Year 2 Core modules: What is Cinema? Critical Approaches • **Options include:** Directing Drama • Scriptwriting • French New Wave • Italian Cinema • Introduction to British Cinema • The Classical Hollywood Musical • Brazilian Cinema • German Film: The Divided Screen • Contemporary French Cinema • Documentary: Theory and Practice • Chinese Cinema • Modern/Postmodern Cinema

Year 3 Options include: Film Research Project • Creative Production • Scriptwriting Project • Production Practice • Contemporary Hollywood Cinema • Contemporary Italian Cinema • Film Archaeology • British Cinema post 1960 • Film

Philosophy • Contemporary German Cinema • Screening the Past: The French History Film • Images of Otherness in French and Francophone Cinema • Mapping Contemporary Cinema

Film Studies and French

RW16 BA/FSFr (four years)

Film Studies and German

RW26 BA/FSGe (four years)

Film Studies and Hispanic Studies

RW46 BA/FSHS (four years)

Film Studies and Russian

RW76 BA/FSRus (four years)

Programme description

This degree programme will familiarise you with the aesthetics, conditions of production and history of film in the United States, Latin America and the major European nations. 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 a wider knowledge of the culture of a specific country. You will usually spend your third year abroad. This is an invaluable opportunity to improve your language skills, as well as gain first-hand experience of what life is like in the country where the language you are studying is spoken. For more details about the opportunities presented by a year abroad, see www.slif.qmul.ac.uk



Programme outline

The example below is for Film Studies and French but similar pathways exist for Film Studies and other languages. For details of other languages modules, see the Languages section on page 164.

Year 1 Core modules: Introduction to Film Studies • Auteurism: The European Tradition • Stars • French I • French Foundations

Year 2 Core modules: What is Cinema? (Critical Approaches) • French II • **Film options include:** Directing Drama • Scriptwriting: Adaptation and Original Script • The French New Wave • The Sweet Life and After: a Decade of Italian Filmmaking • Introduction to British Cinema • Documentary – Theory and Practice • **French options include:** Art in France: Manet to Early Picasso • Out of Place: Literature and Dislocation • Memories of WWII in Literature, Film and Art

Year 3 Year abroad: Written Assignment

Year 4 Core module: French III • **Film options include:** Film Research Project • Creative Production • Scriptwriting: Script Development and Genre Research Project • French Film after Auschwitz: Testimony, Memory, Mourning • Production Practice • Contemporary German Cinema • Mapping Contemporary Cinema • **French options include:** The Sociolinguistics of French • New Women's Writing in French • Imagining Modernity: Creative Writing

Comparative Literature and Film Studies

QP23 BA/CLFS (three years)

Programme description

This programme is split equally between the two subjects and helps you make theoretically informed connections between literature and fine art, music, popular culture and film. You study literature from a

Career opportunities

Film Studies

Potential careers include directly related fields like film and television, especially on the production side. You'll also be well placed for jobs in the media sector generally: journalism, public relations, advertising, new media and so on. Careers demanding good communications skills, such as teaching, personnel management and marketing will be open to you, plus, of course, many other graduate careers for which a specific degree is not needed, from management consultancy and accountancy to finance and law. Every year we have lots of students who go on to study at postgraduate level (be warned – film studies can be addictive!).

Film Studies and a Language

Your skills in analysis, research, in practical/ production work, in using your imagination and creativity, and as an expert communicator in both verbal and visual language, will open up a range of exciting job opportunities. In an increasingly globalised world, your fluency and confidence in a foreign language are also a valuable asset. Film studies allows unique access to a range of cultures and disciplines. Your training in the analysis and interpretation of material as well as in report-writing and team work provide you with valuable group-working and presentation skills. Our graduates are attracted to directions as diverse as the production side of film and television, the media, journalism, advertising, banking, multinational corporations, marketing, PR, sales, management consultancy, the diplomatic service, publishing, teaching, law, computing and library management. A number of students each year go on to postgraduate study.



Graduate profile:

Julian Ross

Studied: BA Film Studies, graduated 2009

Currently: PhD Student, University of Leeds

Why did you choose Queen Mary?

I chose Queen Mary because it has a good reputation, and is based in London. I also wanted to do a single honours film studies programme.

How did you find out about your current job?

One of the film studies lecturers, who taught the Chinese Cinema module, forwarded me a document that included a call for applications for a studentship for a project that closely resembled my final year research project at Queen Mary.

How did your time at Queen Mary prepare you for work?

The staff support individual thinking and originality, which helped me prepare for postgraduate-level research. They also encouraged me to be active outside of the programme which motivated me to get involved in events and develop my CV. Most of all, the staff at Queen Mary are great examples of academics, and their excellence in research and teaching along with their ability to balance both continue to be an inspiration.

What does your current job involve day-to-day?

Reading, watching films, writing, putting together presentations, occasional teaching and planning events.

Degree programmes

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 the United States, Latin America and the major European nations, and introduces you to major theoretical and critical developments in film studies. Advanced options in the second and final years permit you to concentrate on the aspects of literature and film that interest you the most, while a joint research project allows you to bring the two disciplines together.

Programme outline

Year 1 Core modules: The Scene of Teaching • Introduction to Literature: Texts and Contexts • Introduction to Film Studies • Stars • Auteurism: The European Tradition • **Options include:** Brief Encounters: Short Stories and Tall Tales • The Opposite of Science: How to Do Things with Poems

Year 2 Core modules: The Scene of Reading • What is Cinema? Critical Approaches • **Further comparative literature options including:** Fairy Tales in the Modern World • Presentations of London in Modern European Literature, Film and Fine Art • **Further film options including:** Introduction to British Cinema • The French New Wave • Scriptwriting

Year 3 Core module: The Scene of Writing • **Further comparative literature options including:** Lost in Translation? • Poetry and Poetics of Resistance • Touch and Read: The Five Senses in Literary Modernism • **Further film options including:** Contemporary Hollywood Cinema • Contemporary German Cinema • Film Philosophy • Mapping Contemporary Cinema • French Film After Auschwitz

Film Studies and English

QW36 BA/EngIFS (three years)

Programme description

This degree offers a unique interdisciplinary pathway that combines critical theory and textual analysis with hands-on production work. 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 filmic 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 the most.

Programme outline

Year 1 Compulsory modules: Introduction to Film • Auteursim: The European Tradition • Stars • Reading, Theory and Interpretation • **plus either** Poetry: a basic course • **or** • Literatures in Time: Texts and Contexts from the Eighth to the Sixteenth Century • **or** • Shakespeare

Years 2 and 3 In your second and third years you can choose from **a wide range of option modules**. In Year 2, there is **one compulsory module in Film Studies:** What is Cinema? (Critical Approaches). The remainder of your modules are options. **Options include:** Caribbean Writing in the Twentieth Century • Poetic Ideology and Practice in English Romanticism • Contemporary Writing • Contemporary British and Irish Poetry • Representing Victorian London • British Horror • Film Archaeology • French New Wave • Scriptwriting • Contemporary Italian Cinema

Film Studies and Drama

WW46 BA/FSDr (three years)

Programme description

This degree offers an exciting opportunity for you to study the dramatisation of our world across live and recorded media, and to explore inter-related 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 Twentieth Century theatre and film. Questions are raised 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. Support is provided for student productions in our purpose-built studio spaces. We have an extensive library collection of videos and DVDs, in addition to London's many specialist film and theatre venues and events.

Programme outline

Year 1 Core modules in film and drama: Introduction to Film • Stars • Auteursim: the European Tradition • Performance in History • Theatre and its Others • Making Theatre Work • London, Culture, Performance

Years 2 and 3 You can choose from **a range of option modules in film and drama**. In Year 2, you will take a **compulsory module in Film Studies:** What is Cinema? (Critical Approaches)
• Options include: Theatre Writings • Adaptations • Beyond Acting • Making Contemporary Theatre • Madness and Theatricality • British Horror • Film Philosophy • French New Wave • Scriptwriting • Italian Cinema

Career opportunities

Comparative Literature and Film Studies

The employment prospects for graduates of Comparative Literature and Film Studies are interesting and varied. The skills that you will develop on this programme are highly transferable to the professional market place. Graduates of this programme are particularly well-equipped for careers in publishing, journalism, the broadcast media, and, of course, the film industry. Many other graduate careers for which a specific degree is not needed, from management consultancy to teaching and law will also be open to you.

Film Studies and English Film Studies and Drama

Potential careers include directly related fields like film and television, especially in production or creative sectors. You'll also be well placed for jobs in the media sector generally: journalism, public relations, advertising, new media and so on. Careers demanding good communications skills, such as teaching, publishing and arts programming will be open to you, plus, of course, many other graduate careers for which a specific degree is not needed, from management consultancy and accountancy to finance and law.



Degree programmes

Film Studies and History

VW16 BA/FSHis (three years)

Programme description

This programme enables you to combine modules in Film Studies with modules in American, British and European history, and more particularly with modules centred on the unique film cultures which developed in Britain, France, Germany, Italy, Spain and the United States throughout the Twentieth Century and beyond. The first year combines modules which introduce you to key concepts in film studies with modules in modern history. In the second and third years, you are encouraged to select pathways that combine modules on the history of a particular country, particularly those that focus on a country's film history and culture. In your final year, you work on primary source material either through a document-based special subject or through original research on a subject of your own choice, leading to a 10-15,000 word research dissertation.

Programme outline

Year 1 History core module: Making History • **Two history options from:** •Europe and the Wider World Since 1800 • Unravelling Britain: British History Since 1801 • **Compulsory film modules:** Introduction to Film • Auteursim: The European Tradition • Stars • **Film options include:** Critical Approaches to Film: Film Noir

Career opportunities

Film Studies and History

Graduates in Film Studies and History will have developed the skills of analysis, communication and presentation that make history graduates particularly attractive to employers in education, journalism, finance, the Civil Service and other professions. Additionally, they will have developed a knowledge of film history, criticism and analysis that will be beneficial in seeking employment in television and film companies, journalism and cultural institutions.

Year 2 History options include: Race in the United States: Slavery to Civil Rights • Cinema and Society in the United States: 1930-1960 • British Horror: Film, Television and Literature • **Compulsory film module:** What is cinema? Critical Approaches • **Film options include:** The French New Wave • Introduction to British Cinema • Documentary: Theory and Practice

Year 3 History options include: History Research Dissertation or special subject • **Film options include:** Screening the Past: The French History Film in the 1980s and 1990s • Contemporary Hollywood Cinema • Modern/Postmodern Cinema





STUDENT PROFILE

Will Hadley

Film Studies

"Being in London was important to me and Queen Mary offered the best programme, in terms of content and quality. It covers both practical and academic elements, both of which are important for understanding Film.

"The modules on offer cover many different interests, the tutors are enthusiastic and engaging, and the facilities for practical work are great; we regularly borrow camera kit to use on our own projects. My favourite place on campus is the Hitchcock Cinema.

"The East End is the most vibrant and diverse part of London, we're close to Shoreditch and Dalston and a short journey to central London, and there are plenty of parks nearby.

"I am the photography editor for the College magazine, CUB. It's a way of keeping up other interests apart from stuff on the course, filling out my CV and meeting new people."

Geography

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School of Geography

FAQs

What is geography at Queen Mary?

Geography is a broad subject, ideally suited to tackling the range of complex social, political, economic and environmental issues facing the contemporary world; from climate and environmental change, to inequalities in health, the growth of world cities and new patterns in international trade, migration and development. Studying geography will give you both the substantive knowledge and transferable skills needed to work in a wide range of areas within both the public and private sector, from urban and regional planning to international aid organisations, and from environmental management to advising businesses on sustainability issues.

Why study geography? What can I do afterwards?

Geographers are especially attractive to employers because they are both highly numerate and literate, able to deal with figures and statistics as easily as with complex written material and reports.

During your geography degree you will develop a wide range of transferable skills, including:

- Literacy – learning how to argue your case convincingly
- Numeracy – learning how to obtain and analyse large quantities of data
- Wide-ranging ICT experience – including the specialist Geographical Information Systems (GIS)
- Presentation skills – familiarity with public presentations and debate
- Problem solving and the ability to make abstract issues tangible to others
- Teamwork – working effectively in a group on collaborative projects.

These are skills that can be used in almost any career, rather than specialised knowledge useful in only a narrow range of jobs. Geographers go on to work for a very wide range of companies and institutions, from the private sector to non-governmental organisations (NGOs), education and the creative arts.

For example, Queen Mary graduates have gone on to be employed by the British Antarctic Survey, the Geological Survey of Denmark and Greenland, the Wildlife Institute of India, GlaxoSmithKline, the Environment Agency, ZED Homes, Natural England, the BBC, Grazia, Zurich Insurance and the Department for the Environment, Food and Rural Affairs (DEFRA) to name a few.

Why study geography at Queen Mary?

A centre of world-class research, geography at Queen Mary was ranked 1st in the UK for the quality of our research in the Government's most recent Research Assessment Exercise (equal with Cambridge, Oxford, Durham and Bristol). This means you will learn from internationally renowned experts, people who regularly publish books and journal articles and add to our understanding of contemporary issues.

Our staff play an important role in shaping current events, acting as advisers to the BBC, CNN, World Bank, UNESCO, Department of Health, HM Treasury, The Environment Agency and Natural England among others.

Students have access to first-class facilities, including brand new, state-of-the-art research and teaching laboratories, our own ICT suites, and specialist research centres in urban geography, micromorphology, and terrestrial and aquatic environments.

Many geography modules include fieldtrips in the UK and abroad. Current destinations include Durham, the Cairngorms, Somerset, Ireland and Northern Ireland, Los Angeles and Las Vegas, and the Florida Everglades. Fieldtrips allow students to put their research skills into practice, for example studying hydrological restoration and management in the Florida Everglades or looking at experiences of national identity, multiculturalism and migration in Ireland and Northern Ireland.

Students can elect to study abroad for a term or a year in Year 2. Queen Mary is part of the EU's Erasmus programme. We also have our own Exchange Programme with a number of universities in the United States and Australia. This means that as part of your degree you can study for a term or a year in English-speaking departments of geography in Denmark, Miami, Los Angeles or Melbourne.

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: 320-340 points from the best three A-levels. Though Geography A-level is preferred, it is not required. We usually ask for a grade B in geography or another appropriate subject.</p> <p>Additional information: One science A-level required for the following degrees: Environmental Science (F850) and Environmental Science with Business Management (F8N2). 340 points and grade B in mathematics A-level is required for geography and economics (LL71). 340 points and one science A-level at grade A is required for MSci Environmental Science (F750).</p> <p>Excluded subjects: General Studies.</p>
Vocational or applied A-levels	The following applied A-levels and Double Awards only are acceptable: art and design; business; information and communication technology; leisure and recreation, media; performing arts; science; travel and tourism.
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with other qualifications.</p> <p>Subjects and grades required: Overall Double Award DD.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: Overall DDM.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 32 points overall.</p> <p>Additional information: 36 points overall and Higher Level Maths at grade 5 or above required for Geography and Economics (LL71). 36 points overall and a science subject at Higher Level grade 5 or above for MSci Environmental Science (F750).</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 75 per cent.</p>
Access to HE Diploma	<p>Credits required: 60 credits, including at least 54 at level 3</p> <p>Grade required: Distinction (<i>Recognised by the Quality Assurance Agency for HE</i>)</p>
European and international qualifications	The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries
Other qualifications (including 14-19 Diploma)	The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.

This information is accurate at time of going to press, but please check www.geog.qmul.ac.uk for the most up-to-date details.

Key facts

Assessment

Most of our modules are assessed through a combination of coursework and examination. Coursework takes a variety of forms, including extended essays, short reports, posters, oral presentations and group work. You will also participate in problem-based learning (PBL), where you work in small, collaborative groups with guidance from the lecturer or seminar leader.

Coursework is submitted throughout the academic year. Exams are held in May and June. Most students must complete a final-year Independent Geographical Study or Project in Environmental Science of 10,000 words based upon an original study of their choice.

Our teaching

Our modules are delivered through a range of different teaching and learning methods. On average, you will spend 12 hours per week in a combination of lectures, seminars tutorials and practical classes. (You are expected to spend a minimum of a further 20 hours undertaking self-guided study, including reading, preparing coursework and revision.) Class sizes range from introductory lectures in the first year (50-100 students) to smaller lectures and seminars (around 20-50 students) in the second and third years, with plenty of opportunities for group work and discussion.

You will also take part in regular tutorials (small groups sessions with a member of academic staff) where you will receive further advice and guidance on getting to grips with readings and course material and developing your study skills. In the final year these are replaced with one-to-one meetings with your tutor as

you prepare for your independent research project (or internship for Global Change students) and plan your future career. Many of the modules also include fieldwork components (in the UK and abroad) where you spend a day or up to several weeks in the field with members of staff putting your research skills into practice. Students on the Global Change programme also have the option to undertake an internship project with an organisation working in an area of global change.

Admissions

Applicants who meet our entry requirements will usually be invited for interview (interview days are held between November and March). Admissions decisions are made on the basis of an applicant's UCAS form and performance at interview.

Further information

For further information about our modules, or for a copy of our school brochure, please visit: www.geog.qmul.ac.uk

For information and advice on applications contact: Admissions Co-ordinator
Tel: +44 (0)20 7882 8200
Fax: +44 (0)20 7882 7032
email: geog@qmul.ac.uk

You can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions Office for further information.

Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international



The Thames Barrier with Canary Wharf and the O2 Centre in the distance

Geography

Degree programmes



Geography

L700 BA/GeoA (three years)

Programme description

This degree programme will appeal to you if you have a strong interest in human geography yet want to follow a broad-based programme, that gives you the flexibility to specialise in issues that particularly interest you. You will acquire core training in human geography research skills and techniques, but will also have the opportunity to take some physical geography module options throughout the course. You will experience a wide array of teaching methods, including lectures, tutorials, seminars and practicals – providing both subject-specific and transferable skills. There are fieldwork opportunities in the UK and abroad (London, Durham, Dublin, Los Angeles and Las Vegas).

Programme outline

Year 1 Compulsory modules: Introduction to Geographical Ideas and Practice • Geographical Perspectives • Reinventing Britain • Analysing Geographical and Environmental Data • An Introduction to Qualitative Research Methods • **Options include:** Critical Human Geographies • Environment, Nature and Society • Globalisation, Development and Inequality • Earth Surface Processes and Landforms • Planet Earth: Global Systems • Global Environmental Issues

Year 2 Compulsory modules: Geographical Research in Practice • **Options include:** Geographical Information Systems • Geography, Identity, Belonging • Health, Inequality and Society • Society, Culture and Space • Spaces of Uneven Development • Urban Futures • Earth System Cycles • Global Environmental Change

Year 3 Compulsory modules: Independent Geographical Study • **Options include:** Gender and Development • Geographies of Home • Geographies

of Labour • Geography, Identity, Belonging • Global Historical Geographies • Body, Health and Society • Regional Economics and Policy • Spaces of Post-Socialism • The Politics of Development • Urban Futures • Urbanism, Culture and Modernity • Victorian London: Economy, Society and Culture • The Geopolitics of Life

Geography

F800 BSc/GeoS (three years)

Programme description

If your interest lies primarily in the physical environment, this is the geography programme for you. You will acquire core training in physical geography research skills and techniques, but will also have the opportunity to take some human geography module options throughout the course. This is a flexible degree programme, allowing you to specialise in issues that particularly interest you. You will experience a wide array of teaching methods, including lectures, tutorials, seminars and laboratory practicals – providing both subject-specific and transferable skills. There are fieldwork opportunities in the UK and abroad (Cairngorms, Somerset, Dorset and the Florida Everglades).

Programme outline

Year 1 Compulsory modules: Introduction to Geographical Ideas and Practice • Earth Surface Processes and Landforms • Planet Earth: Global Systems • Methods for Environmental Research • Analysing Geographical and Environmental Data • Fieldwork in Physical Geography and Environmental Science • **Options include:** Critical Human Geographies • Environment, Nature and Society • Geographical Perspectives • Globalisation, Development and Inequality • Global Environmental Issues

Year 2 Compulsory modules: Research Strategies in Physical Environments • **Options include:** Health,



Inequality and Society • Society, Culture and Space • Spaces of Uneven Development • Digital Worlds: Cartography, Modelling and GIS • Earth System Cycles • Global Environmental Change

Year 3 Compulsory modules: Independent Geographical Study • **Options include:** Coastal and Aquatic Management • Cold Environments • Environmental Hazards • Environmental Pollution Management • Progress in Physical Geography • Quaternary Palaeoenvironments • Science and Politics of Climate Change • Water Catchment and Management • Monitoring and Modelling Fluvial Systems

Human Geography

L720 BA/HumG (three years)

Programme description

This degree programme will appeal to you if your primary interest is in human geography. Alongside core training in human geography research skills and techniques, you will be able to develop your knowledge through a range of increasingly specialised modules throughout the programme. You will experience a wide array of teaching methods, including lectures, tutorials, seminars and practicals – providing both subject-specific and transferable skills. You will have fieldwork opportunities in the UK and abroad (London, Durham, Dublin, Los Angeles and Las Vegas).

Programme outline

Year 1 Compulsory modules: Introduction to Geographical Ideas and Practice • Critical Human Geographies • Environment, Nature and Society • Geographical Perspectives • Globalisation, Development and Inequality • Reinventing Britain • Analysing Geographical and Environmental Data • An Introduction to Qualitative Research Methods

Year 2 Compulsory modules: Geographical Research in Practice • **Options include:** Geographical

Graduate profile: Daisy Ashby



Studied: BA(Hons) Geography

Currently: Project Officer, Department of Trade and Economic Development, Government of South Australia

Why did you choose Queen Mary?

I was asked in for an interview and got to meet the lecturers. I wasn't just my UCAS form – I was a person.

Salary bracket: £25-35,000

What did you gain from your time at Queen Mary?

It made me feel confident enough in my own ideas to speak my mind, and equipped me with integrity and a sense of ethical standards.

What does your current job involve day-to-day?

I conduct research to assist with the preparation of ministerial documents and reports for the Regional Industry Liaison department. I also coordinate ministerial visits to the state's regions.

Degree programmes

Information Systems • Geography, Identity, Belonging • Health, Inequality and Society • Society, Culture and Space • Spaces of Uneven Development • Urban Futures

Year 3 Compulsory modules: Independent Geographical Study • **Options include:** Gender and Development • Geographies of Home • Geographies of Labour • Geography, Identity, Belonging • Global Historical Geographies • Body, Health and Society • Regional Economics and Policy • Spaces of Post-Socialism • The Politics of Development • Urban Futures • Urbanism, Culture and Modernity • Victorian London: Economy, Society and Culture • The Geopolitics of Life

Global Change: Environment, Economy and Development

FL71 BA/GCEED (three years)

Programme description

You will develop a critical awareness of issues of global significance, including global climate and environmental change, the globalisation of the world economy, global inequality, development and poverty, and human wellbeing across the world. The programme covers both contemporary and historical processes of global change, with material from the Global North and South, and environmental and societal issues. You will be able to specialise in specific areas of global change and to develop relevant research skills. There may also be the opportunity of an internship with an organisation working on global change. This would give you invaluable work experience.

Programme outline

Year 1 Compulsory modules: Global Change: Environment, Economy, Development • Introduction to Global Change • Planet Earth: Global Systems • Analysing Geographical and Environmental Data • An Introduction to Qualitative Research Methods • Methods for Environmental Research • **Options include:** Reinventing Britain • Environment, Nature and Society • Fieldwork in Physical Geography and Environmental Science

Year 2 Compulsory modules: Global Environmental Change • Spaces of Uneven Development • Strategies and Methods for Global Change • **Options include:** Health, Inequality and Society • Society, Culture and Space • Geographical Information Systems • Digital Worlds

Year 3 Compulsory module: Researching Global Change • **Options include:** Geographies of Labour • Global Historical Geographies • Gender and Development • The Politics of Development • Quaternary Palaeoenvironments • Science and Politics of Climate Change • The Geopolitics of Life

Cities, Economies and Social Change

LL31 BA/CESC (three years)

Programme description

This degree programme gives you the opportunity to focus on urban restructuring, social change and economic development. It covers both contemporary and historical examples, with material from both the Global North and South. This is a flexible programme, which gives you a grounding in core research skills, alongside the freedom to specialise in your particular area of interest. You will experience a wide array of teaching methods, including lectures, tutorials, seminars and practicals, providing both subject-specific and transferable skills. You will also have fieldwork opportunities in the UK and abroad (London, Durham, Dublin, Los Angeles and Las Vegas).

Programme outline

Year 1 Compulsory modules: Globalisation, Development and Inequality • Introduction to Cities, Economies and Social Change • Analysing Geographical and Environmental Data • An Introduction to Qualitative Research Methods • **Options include:** Critical Human Geographies • Environment, Nature and Society • Geographical Perspectives • Reinventing Britain • Global Environmental Issues • Planet Earth: Global Systems

Year 2 Compulsory modules: Geographical Research in Practice • **Options include:** Geographical Information Systems • Geography, Identity, Belonging • Health, Inequality and Society • Society, Culture and Space • Spaces of Uneven Development • Urban Futures • Global Environmental Change

Year 3 Compulsory modules: Independent Geographical Study • **Options include:** Gender and Development • Geographies of Home • Geographies of Labour • Geography, Identity, Belonging • Global Historical Geographies • Body, Health and Society • Regional Economics and Policy • Spaces of Post-Socialism • The Politics of Development • Urban Futures • Urbanism, Culture and Modernity • Victorian London: Economy, Society and Culture • The Geopolitics of Life

Geography

L721 BScEcon/GS (three years)

Programme description

You will choose this programme if your interest lies in the crossover between economics and geography. Three quarters of the modules you take will be in geography and a quarter in economics. The programme provides core training in research skills

STUDENT PROFILE

Kayla Schaefer

Human Geography

and techniques in human geography and economics, drawing upon a wide array of teaching methods, including lectures, tutorials, seminars and practicals – providing both subject-specific and transferable skills. You will have fieldwork opportunities in the UK and abroad (London, Durham, Dublin, Los Angeles and Las Vegas).

Programme outline

Year 1 Compulsory modules: Introduction to Geographical Ideas and Practice • Reinventing Britain • Analysing Geographical and Environmental Data • An Introduction to Qualitative Research Methods • Microeconomics I • Principles of Economics • Mathematical Methods in Economics and Business • **Options include:** Geographical Perspectives • Globalisation, Development and Inequality • Earth Surface Processes and Landforms • Global Environmental Issues • Planet Earth: Global Systems • Macroeconomics I

Year 2 Compulsory modules: Geographical Research in Practice • Spaces of Uneven Development • Macroeconomics I • Microeconomics II • **Options include:** Earth System Cycles • Global Environmental Change • Geographical Information Systems • Geography, Identity, Belonging • Health, Inequality and Society • Society, Culture and Space • Urban Futures

Year 3 Compulsory modules: Independent Geographical Study • Macroeconomics II • **Options include:** Gender and Development • Geographies of Home • Geographies of Labour • Geography, Identity, Belonging • Global Historical Geographies • Body, Health and Society • Regional Economics and Policy • Spaces of Post-Socialism • The Politics of Development • Urban Futures • Urbanism, Culture and Modernity • Victorian London: Economy, Society and Culture • The Geopolitics of Life

Geography with Business Management

FVN1 BSc/GeBuMa (three years)

Programme description

If you are keen to deepen your knowledge of geography, alongside practical business management skills, then this could be the programme for you. Three quarters of the modules you will take will be geography modules and a quarter in business management. The programme provides core training in research skills and techniques in human and/or physical geography. You will experience a wide array of teaching methods, including lectures, tutorials, seminars and practicals – providing both subject-specific and transferable skills. Depending on the option modules



"I chose to study at Queen Mary because of its strong Human Geography programme and the reputation of the school. I also wanted to study in central London and experience everything a big city has to offer.

"The professors are amazing. They are all actively researching things in their field, and share their findings with us. They encourage us to be involved in our local communities and push us to see the wider pictures of things happening in our world today.

"Last year, on one of our modules we worked closely with an organisation called London Citizens. We actually got to go into local primary schools and teach kids about the Olympics 2012. It was so interesting to catch a glimpse of how these school kids go about their everyday lives and how they view an event as big as the Olympics coming right to their doorstep.

"I'm a member of the Geography Society – it's such a great group of people, and we always have fun doing events together. I also do a lot of volunteering with kids and homeless people, which is incredibly rewarding. It's eye opening to get off campus and see how the city operates."

Degree programmes

you choose you will have fieldwork opportunities in the UK and abroad (London, Durham, Dublin, Cairngorms, Somerset, Dorset, Los Angeles, and Las Vegas).

Programme outline

Year 1 Compulsory modules: Introduction to Geographical Ideas and Practice • Analysing Geographical and Environmental Data • Fundamental of Management • Economics for Business • Either Methods for Environmental Research or • An Introduction to Qualitative Research Methods • Either Reinventing Britain or • Fieldwork in Physical Geography and Environmental Science • **Options include:** Critical Human Geographies • Environment, Nature and Society • Geographical Perspectives • Globalisation, Development and Inequality • Earth: Portrait of a Planet • Earth Surface Processes and Landforms • Global Environmental Issues • Planet Earth: Global Systems

Year 2 Compulsory modules: Either Geographical Research in Practice or • Research Strategies in Physical Environments • Marketing • Financial Accounting • **Options include:** Spaces of Uneven Development • Geographical Information Systems • Geography, Identity, Belonging • Health, Inequality and Society • Society, Culture and Space • Urban Futures • Digital Worlds: Cartography, Modelling and GIS • Earth System Cycles • Global Environmental Change

Year 3 Compulsory modules: Independent Geographical Study • Strategy • Human Resource Management • **Options include:** Gender and Development • Geographies of Home • Geographies of Labour • Geography, Identity, Belonging • Global Historical Geographies • Body, Health and Society • Regional Economics and Policy • Spaces of Post-Socialism • The Politics of Development • Urban Futures • Urbanism, Culture and Modernity • Victorian London: Economy, Society and Culture • The Geopolitics of Life

Geography and Economics

LL71 BScEcon/GE (three years)

Programme description

This programme allows you to apply the analytical approach of economics to the various topics studied in geography modules. Your understanding of political economy will inform your views of contemporary geographical issues, such as the production and allocation of natural resources, and how this affects taxation. Together with compulsory core modules in both subjects, you also have a choice of option modules in Years 2 and 3, allowing you to develop your own interests. One route through

the degree, for example, could be to combine the policy- and/or development-orientated modules offered by both the Schools of Geography and Economics and Finance.

Programme outline

Year 1 Economics core modules: Principles of Economics • Microeconomics 1 • Macroeconomics 1 • **Economics compulsory module:** Mathematical Methods in Economics and Business 1

Geography compulsory modules: Introduction to Geographical Ideas and Practice • Globalisation, Development and Inequality • **Options include:** Critical Human Geographies • Environment, Nature and Society • Geographical Perspectives • Reinventing Britain • Analysing Geographical and Environmental Data • An Introduction to Qualitative Research Methods • Global Environmental Issues • Planet Earth: Global Systems

Year 2 Economics core module: Statistical Methods for Economics 1 • **Economics compulsory modules:** Microeconomics 2 • Games and Strategies • Macroeconomics 2

Geography options include: Spaces of Uneven Development • Geographical Research in Practice • Geographical Information Systems • Geography, Identity, Belonging • Health, Inequality and Society • Society, Culture and Space • Urban Futures

Year 3 There are no compulsory modules in the third year. You should choose from the lists of available options from the Schools of Economics and Finance and Geography. Please make sure that you satisfy the minimum of nine economics modules over the three years of your programme, one of which must be a third year module. See the School of Economics and Finance section, page 92.

Geography options include: Independent Geographical Study • Gender and Development • Geographies of Home • Geographies of Labour • Geography, Identity, Belonging • Global Historical Geographies • Body, Health and Society • Regional Economics and Policy • Spaces of Post-Socialism • The Politics of Development • Urban Futures • Urbanism, Culture and Modernity • Victorian London: Economy, Society and Culture • The Geopolitics of Life

Geography and Politics

LL72 BA/GeoPol (three years)

Programme description

If you are interested in current affairs as well as the dynamic environmental, social and cultural systems and processes in the world around us, this programme is for you. It explores the spatial and

social aspects of government activity, and will extend your knowledge of political theory and practice by relating politics to its geographical context.

The BA Geography and Politics entails an exploration of the geographical bases of politics alongside the study of political theory and practice. Within geography, your choices will usually fall within human geography, with modules on cities, public policy, and Third World development. You make your choice of modules and final-year project with the guidance of a personal tutor. You must, on average, do 60 credits of geography modules each year.

Programme outline

Year 1 Compulsory modules: Introduction to Geographical Ideas and Practice • Critical Human Geographies • Introduction to Politics • Either Introduction to International Relations or • Comparative Government and Politics • **Options include:** Geographical Perspectives • Environment, Nature and Society • Reinventing Britain • Analysing Geographical and Environmental Data • An Introduction to Qualitative Research Methods • Comparative Government and Politics

Year 2 Geography options include: Geographical Research in Practice • Geographical Information Systems • Health, Inequality and Society • Society, Culture and Space • Urban Futures • Spaces of Uneven Development • **Politics options include:** British Politics • Global Governance • International Politics of the Developing World • International Relations: Theories and Concepts • Modern Political Thought • Political Theories of the State, Economy and Society • War and Security in World Politics

Year 3 Geography options include: Gender and Development • Geographies of Home • Geographies of Labour • Geography, Identity, Belonging • Global Historical Geographies • Independent Geographical Study • Body, Health and Society • Regional Economics and Policy • Spaces of Post-Socialism • The Geopolitics of Life • The Politics of Development • Urbanism, Culture and Modernity • Victorian London: Economy, Society and Culture • **Politics options include:** Electoral Behaviour • Theories of the Self • European Integration and the European Union as a Political System • The Politics of Economic Ideas • French Politics • Theory and Practice in Environmental Politics • European Politics: National Identity and Ethnicity • Liberalism, Past and Present

Environmental Geography

F810 BSc/EvGeo (three years)

Programme description

You will focus on the environment at global, regional, and local scales, taking in current concerns over

environmental change and the way it is managed. The emphasis is predominantly on physical geography, although you may select modules from both human geography and environmental science. These cover the following themes: hydrological processes, pollution, environmental change, environmental hazards and development.

This is a flexible degree programme, so you are able to specialise in issues that particularly interest you. You will experience a wide array of teaching methods including: lectures, tutorials, seminars and laboratory practicals – providing both subject-specific and transferable skills. You will also have excellent fieldwork opportunities in the UK and abroad (Cairngorms, Somerset, Lake District, and the Florida Everglades).

Programme outline

Year 1 Compulsory modules: Introduction to Geographical Ideas and Practice • Earth Surface Processes and Landforms • Methods for Environmental Research • Analysing Geographical and Environmental Data • Fieldwork in Physical Geography and Environmental Science • Global Environmental Issues • Planet Earth: Global Systems • **Options include:** Environment, Nature and Society • Geographical Perspectives • Globalisation, Development and Inequality • The Diversity of Life • Conservation and the Environment • Evolution

Year 2 Compulsory modules: Earth System Cycles • Research Strategies in Physical Environments • **Options include:** Digital Worlds: Cartography, Modelling and GIS • Global Environmental Change • Global Change Biology • Populations, Communities and Ecosystems • Aquatic Ecosystems: Structure and Function • Fish Biology and Fisheries

Year 3 Compulsory modules: Independent Geographical Study • **Options include:** Coastal and Aquatic Management • Cold Environments • Environmental Pollution Management • Environmental Hazards • Progress in Physical Geography • Quaternary Palaeoenvironments • Science and Politics of Climate Change • Water Catchment and Management • Monitoring and Modelling Fluvial Systems

Environmental Science

F850 BSc/EvS (three years)

Programme description

This is a multi-disciplinary, flexible degree programme, reflecting the complexity of relationships within the natural environment and human interactions with it. You will be taught by staff from the School of Geography, as well as the School of Biological and Chemical Sciences. There will also be

Degree programmes

the opportunity to interact with industry and environmental practitioners. The programme provides core training in environmental science research skills and techniques. You will benefit from significant recent investment in laboratory facilities and field equipment. Fieldwork opportunities include the Cairngorms, Isle of Cumbrae, Somerset, Malaysia and the Florida Everglades.

Programme outline

Year 1 Compulsory modules: Introduction to Environmental Ideas and Practice • Methods for Environmental Research • Analysing Geographical and Environmental Data • Fieldwork in Physical Geography and Environmental Science • Conservation and the Environment • Ecological and Environmental Techniques • **Options include:** Earth Surface Processes and Landforms • Global Environmental Issues • Planet Earth: Global Systems • The Diversity of Life • Evolution

Year 2 Compulsory modules: Earth System Cycles • Research Strategies in Physical Environments • Populations, Communities and Ecosystems • Aquatic Ecosystems: Structure and Function • **Options include:** Digital Worlds: Cartography, Modelling and GIS • Global Environmental Change • Global Change Biology • Fish Biology and Fisheries

Year 3 Compulsory modules: Project in Environmental Science • Environmental Pollution Management • **Options include:** Coastal and Aquatic Management • Cold Environments • Environmental Hazards • Quaternary Palaeoenvironments • Science and Politics of Climate Change • Water Catchment and Management • Environmental Engineering • International Environmental Law • Advanced Aquatic Biology • Tropical Ecology and Conservation • Monitoring and Modelling Fluvial Systems

Environmental Science with Business Management

F8N2 BSc/ESWBM (three years)

Programme description

Through combining the study of environmental science with business management, you will acquire the necessary background to make or advise on many modern business decisions, for example sustainability, climate change, natural hazards, natural resources, waste management, energy issues and green taxation. Three quarters of the modules you will take will be environmental science modules and a quarter will be in business management. You will develop knowledge and understanding of Earth systems, drawing on both the natural and social sciences. The programme also provides core training in environmental science research skills and

techniques. Fieldwork opportunities include the Cairngorms, Isle of Cumbrae, Somerset, Malaysia and the Florida Everglades.

Programme outline

Year 1 Compulsory modules: Introduction to Environmental Ideas and Practice • Methods for Environmental Research • Analysing Geographical and Environmental Data • Fieldwork in Physical Geography and Environmental Science • Planet Earth: Global Systems • Fundamentals of Management • Economics for Business • **Options include:** Global Environmental Issues • Conservation and the Environment

Year 2 Compulsory modules: Earth System Cycles • Research Strategies in Physical Environments • Marketing • Financial Accounting • **Options include:** Health, Inequality and Society • Society, Culture and Space • Spaces of Uneven Development • Digital Worlds: Cartography, Modelling and GIS • Global Environmental Change • Global Change Biology • Populations, Communities and Ecosystems • Aquatic Ecosystems: Structure and Function

Year 3 Compulsory modules: Project in Environmental Science • Environmental Pollution Management • Strategy • Human Resource Management • **Options include:** Coastal and Aquatic Management • Cold Environments • Environmental Hazards • Progress in Environmental Science • Quaternary Palaeoenvironments • Science and Politics of Climate Change • Water Catchment and Management • Environmental Engineering • International Environmental Law • Advanced Aquatic Biology • Tropical Ecology and Conservation • Monitoring and Modelling Fluvial Systems

MSci Environmental Science

F750 MSci/EnvSc (four years)

Programme description

This is an interdisciplinary programme taught jointly by the Schools of Geography and Biological and Chemical Sciences. It aims to develop your critical awareness of environmental problems and train you in a range of analytical and observational, field and laboratory techniques. These can be applied to your own research, in industry as an environmental scientist, or in an academic career. The MSci starts as a broad environmental science programme with teaching and learning informed by the latest staff research, and a focus on developing your scientific literary and research skills. You move on to specialise in the science and management of freshwater and coastal environments, and will also complete an extended independent research project.

Graduate profile: Rachna Kanzaria

Programme outline

Year 1 Compulsory modules: Methods for Environmental Research • Analysing Geographical and Environmental Data • Fieldwork in Physical Geography and Environmental Science • Introduction to Environmental Ideas and Practice • Conservation and the Environment • Ecological and Environmental Techniques • **Plus one option module from:** Earth Surface Processes and Landforms • Planet Earth: Global Systems • **Plus two option modules from:** Global Environmental Issues • The Diversity of Life • Evolution

Year 2 Compulsory modules: Earth System Cycles Research • Strategies in Physical Environments • **Two option modules from:** Global Change Biology • Populations, Communities and Ecosystems • Aquatic Ecosystems: Structure and Function • Fish Biology and Fisheries • **Plus one option module from:** Digital Worlds: Cartography, Modelling and GIS • Global Environmental Change

Year 3 Compulsory module: Progress in Environmental Science • **Module options:** Coastal and Aquatic Management • Environmental Hazards • Environmental Pollution Management • Quaternary Palaeoenvironments • Science and Politics of Climate Change • Water Catchment and Management • Behavioural Ecology • Advanced Aquatic Biology • Tropical Ecology and Conservation • Cold Environments • Environmental Engineering • International Environmental Law

Year 4 Compulsory modules: Independent Research Project • Aquatic Systems: Hydrological, Hydrochemical and Geomorphological Processes • Field and Laboratory Methods for Freshwater Environmental Science • Data Analysis • **Module options:** Biogeochemistry: Carbon, Nutrients and Pollutants in Aquatic Systems • Catchment Hydrology: Managing Water Resources and Hydrological Extremes • Hydrogeomorphology: River and Floodplain Appraisal and Management • Managing Aquatic Environments • Aquatic Ecosystems: Science, Policy and Management



Studied: Geography and Economics, graduated 2009

Currently: Secondary school teacher, Geography and Economics

Why did you choose Queen Mary?

Queen Mary has an excellent campus vibe – it's the only place you can find this in London.

For me it was

close enough to home but far enough for me to live out and have the full student experience. The Queen Mary Geography department has an excellent reputation with very friendly staff and a great variety of courses to choose from.

How did your time at Queen Mary prepare you for work?

Queen Mary helped me with time management and learning how to present to large groups of people through different modules I studied.

Salary bracket: £25-35,000

What does your current job involve day-to-day?

Everything and anything! From the typical roles such as teaching from year 7 to 13, to placing orders, putting up displays, meetings, after school clubs etc. No two days are ever the same, but are always non-stop.

What are your most and least favourite aspects of your job?

I love teaching and having pupils leave my room saying, 'thanks miss, I really enjoyed the lesson'. Nothing in life can compare to that, it really makes my day. The least favourite aspect of the job is the admin and paper work I have to do... I am not an office job sort of person.

Career opportunities

Geography and Environmental Science graduates are highly sought after. These degrees are recognised by employers as valuable indicators that an individual has a wide range of 'transferable skills' in, for example, ICT, self-managed work, group work, oral presentations, report writing and project management. These are abilities that can be used in almost any career, rather than specialised skills useful only in a narrow range of jobs.

Among our recent graduates you will find: a BBC researcher; a fashion editor for Grazia; a 'green' adviser to the international petroleum industry; a film-maker and a fair trade clothing manufacturer as well as many students now working in the City and in industry. Other employers include: the British Antarctic Survey, the Geological Survey of Denmark and Greenland, the Wildlife Institute of India, GlaxoSmithKline, the Environment Agency, ZED Homes, Natural England and DEFRA.

Geography

Over the last couple of years Geography graduates have gone on to work in the following fields: investment banking, fast track civil service and the Home Office, ICT and financial services, production management, media and public relations, retailing, human resource management, newspaper and television journalism, environmental consultancy and regulation, town planning, postgraduate research and teaching.

Environmental Science

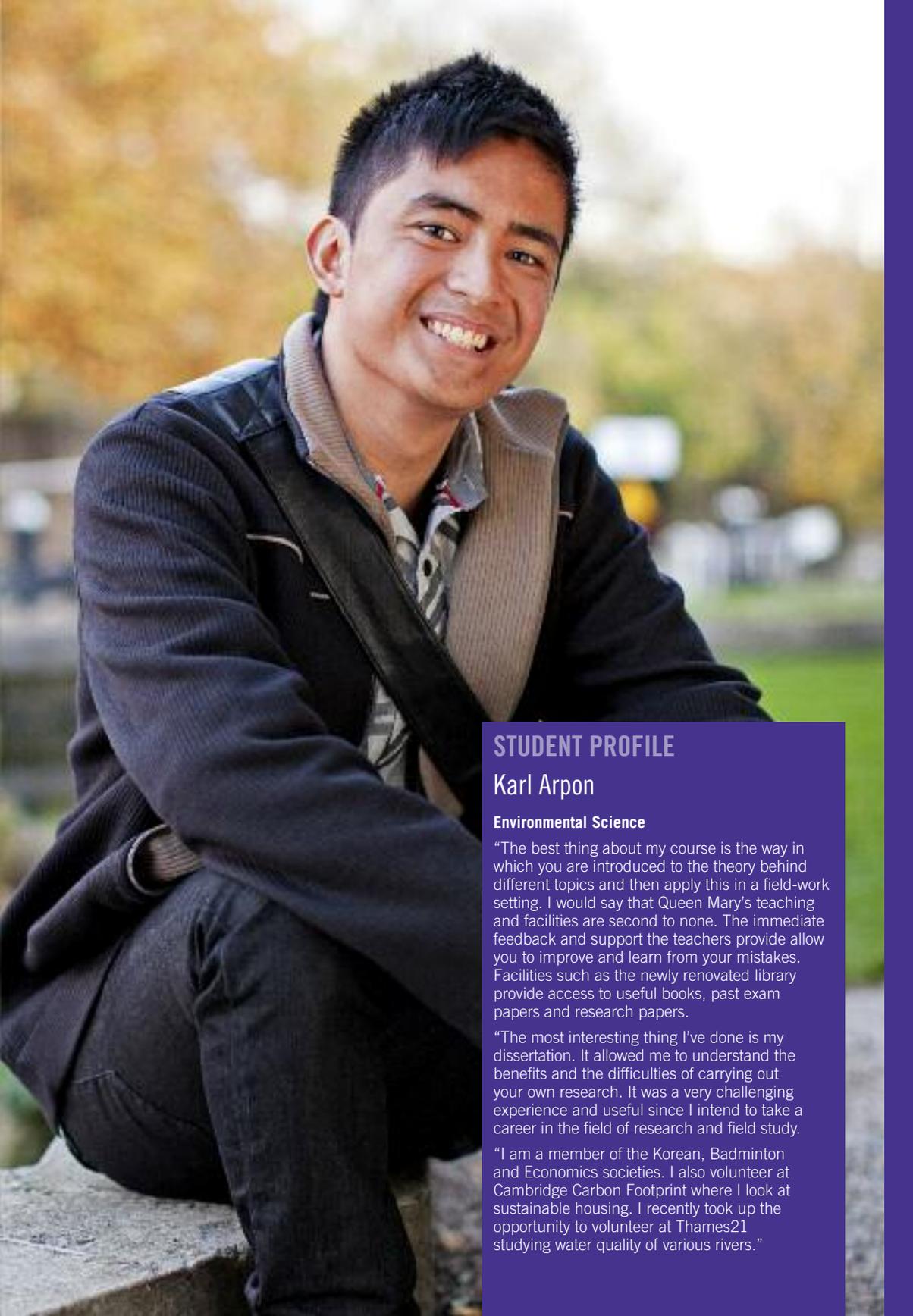
Environmental Science graduates from Queen Mary have gone on to work in a number of different fields including: environmental consultancy (eg contaminated land investigation and environmental impact assessment), environmental journalism, environmental regeneration, regulation and monitoring, governmental, industrial and NGO advisory positions, conservation, teaching and research.

MSci Environmental Science

The programme is designed for those who see their future career in the understanding, monitoring, regulation and management of the environment, with particular emphasis on the aquatic environment. It will provide students with the necessary skills to enter both industry and academia. The programme addresses the key skills gaps identified in the recent Environment Research Funders' Forum (2010) report "Most Wanted – Skills Needs in the Environment Sector".



Students on fieldwork in the Florida Everglade



STUDENT PROFILE

Karl Arpon

Environmental Science

"The best thing about my course is the way in which you are introduced to the theory behind different topics and then apply this in a field-work setting. I would say that Queen Mary's teaching and facilities are second to none. The immediate feedback and support the teachers provide allow you to improve and learn from your mistakes. Facilities such as the newly renovated library provide access to useful books, past exam papers and research papers.

"The most interesting thing I've done is my dissertation. It allowed me to understand the benefits and the difficulties of carrying out your own research. It was a very challenging experience and useful since I intend to take a career in the field of research and field study.

"I am a member of the Korean, Badminton and Economics societies. I also volunteer at Cambridge Carbon Footprint where I look at sustainable housing. I recently took up the opportunity to volunteer at Thames21 studying water quality of various rivers."

History

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School of History

FAQs

What is history at Queen Mary?

At its most fundamental, history is a vivid examination of the past, and how the past continues to have an impact on the present. History at Queen Mary spans a range of historical approaches and periods. Medievalists may study the Black Death, Women and Gender in Medieval Islam, and the Crusades, while modern historians will look beyond the Twentieth Century dictators to examine the social, technological and cultural forces that shaped our world. Topics might include Building the American Nation, Britain in the Second World War and Europe since 1890. Some modules (for example, Cabinet and Premiership, Anglo-American Relations and The Kennedy Years) are excellent examples of traditional political history. Others are concerned with the history of art and architecture, or combine history with film or literature.

You could investigate topics such as the portrayal of the face in Western art and medicine, the representation of war in contemporary British popular culture or the lifestyle and values of Victorian Britain.

Why study history? What can I do afterwards?

The study of history means more than acquiring knowledge of the past; it requires the ability to think critically about different interpretations, the assessment of different sources of evidence and the precise explanation of your own standpoint. For the individual these are highly useful skills, but they are also essential for the very functioning of society in a liberal democracy.

As a discipline, history will offer you variety and depth of knowledge as well as teaching you to research, analyse, present and debate. The study of history prepares you for a wide range of careers; whichever you follow, you will bring a unique perspective and understanding of the responsibilities of citizenship in the Twenty-First Century.

A degree in history will enable you to:

- Think independently
- Work well as part of a team
- Present your work and put your ideas across effectively
- Research, manage and analyse large quantities of information
- Express yourself persuasively with the written and spoken word
- Above all, develop mental flexibility and the creative application of critical thought, offering you the intellectual equipment to develop your own solutions to problems.

These skills and qualities are highly valued by employers in both the public and private sector. For more specific information, see the career opportunities section for each degree programme.

Why study history at Queen Mary?

- 75 per cent of our undergraduate finalists achieve an upper second class honours degree or above.
- In the last Research Assessment Exercise (RAE 2008), History at Queen Mary was ranked among the top 15 departments in the UK. Our academics are internationally renowned in their fields, and our track record in both research and teaching is excellent. We count the President of the Royal Historical Society and four fellows of British Academy among our number.
- In the 2011 National Student Survey, 92 per cent of Queen Mary History students said that staff were good at explaining things and 95 per cent that staff were enthusiastic about their teaching.
- Our staff regularly contribute to academic and public life with books, journal papers, and media broadcasts. Recent broadcasts include: BBC Two series *Behind Closed Doors* and *At Home with the Georgians* and BBC Radio 4's *Voices From the Old Bailey* by Professor Amanda Vickery; *Monsieur Non* – a programme on Charles de Gaulle delivered by Professor Julian Jackson for *Archive on 4*; and Dr Tom Asbridge developed and presented *The Crusader's Lost Fort* for BBC2's *Timewatch*.
- History at Queen Mary was ranked 13th in the UK by the *Times Good University Guide 2012*.
- Our intellectual diversity is a key feature of our research community. This will enable you to study traditional political history alongside the history of art and architecture, or to combine history with film or English literature. By following cultural and intellectual themes you could investigate topics as diverse as: the lives of Oscar Wilde; the representation of war in contemporary British popular culture; or the Medieval Islamic world.
- History students have membership of the Queen Mary Library and the University of London Library, Senate House, both of which have extensive collections. You will also enjoy reading access to the other college libraries within the University of London, and can take advantage of Queen Mary's London location and ready access to a wealth of other libraries, museums and archives.

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: 360 points. Students should aim to get three As with an A in History. 340 points for VW16, VQ12, VR11 and VR12 with an A in History and an A in a relevant subject.</p> <p>Excluded subjects: General studies and critical thinking.</p>
Vocational or applied A-levels	Acceptable only when combined with other qualifications.
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with other qualifications (in a related arts/humanities subject).</p> <p>Subjects and grades required: Overall Double Award DD.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable on its own and combined with other qualifications (in a related arts/humanities subject).</p> <p>Subjects and grades required: Overall DDD.</p> <p>Additional information: Grade C GCSE English minimum.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 36 points overall • Must include a grade of 6 in History at higher level.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 75-80 including History.</p>
Access to HE Diploma	<p>Credit and grade requirement: Distinction in at least 25 level 3 credits including History and Merit in at least 10 level 3 credits.</p> <p>Additional information: Arts/Humanities based course. <i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries
Other qualifications	The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.

Key facts

Assessment

Assessment is typically by a mixture of examination and coursework, but some modules are assessed entirely on coursework. Coursework may take the form of essays, diaries, case-studies or book reviews. Some modules, such as Architecture in London, and British Horror use screen or slide tests as part of their assessment. Oral presentations may also contribute to your overall mark. You will be provided with feedback to help you improve your performance and understanding of the subject. In the final year you will have the opportunity to work on a special subject research dissertation. These special subject modules are worth half your final year mark and allow you to work closely on primary source material and carry out your own research in a specialised area which particularly interests you.

Our teaching

Most modules are taught in a one hour lecture and a one hour seminar each week. Some classes have more contact hours, for example our film history classes have a three hour film screening and lecture followed by a one hour seminar. Other classes will include extended field trips such as visits to art galleries, museums, the Houses of Parliament and longer study visits, for example the annual study visit to Paris. All of our seminar-based classes are capped at 15 students so you have the opportunity to discuss your work in a small group setting. In your final year you will take a special subject which 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.

Admissions

The School selects students by UCAS form. Students offered a place will be invited to an Open Day which will include taster sessions and the chance to meet academic staff and other students.

Further information

Tel: +44 (0)20 7882 8351
email: history@qmul.ac.uk
www.history.qmul.ac.uk

For further information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions Office for further information. Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international

Graduate profile: Beatriz Ungerer Dal Poz



Studied:
BA Medieval History, graduated 2010

Currently:
Viewing Assistant, Christie's

How did you find out about your current job?
Through work experience at Christie's.

How did your time at Queen Mary prepare you for work?

At Queen Mary I participated in so many different activities, from Freshers' Crew to Student Representative and it was those opportunities that prepared me for work – not just this position but also any other position I might hold in the future.

What does your current job involve day-to-day?

There is no day-to-day! Every time I go into the South Kensington salesroom I do something different. If it is an auction day I might be telephone bidding with clients or working at the registration desk. If it's not an auction day, I will be in the gallery helping clients with any queries they might have.

What are your most and least favourite aspects of your job?

My favourite aspect of my job is the incredible variety of objects which I have encountered, from an Enigma machine to a painting of Isabella of Castile. My least favourite aspect is that my working week isn't Monday to Friday. I work most weekends – often my week starts on Friday and ends on Tuesday or Wednesday but that is the same in many galleries and other commercial spaces. You have to be prepared to be flexible.

What can current students do to prepare for getting a job in your area?

Do as many work placements as possible! It is important to experience the industry from many different perspectives, it will help narrow down what is interesting to you about the art industry – not all jobs at auctions houses are the same.

History

Degree programmes

History

V101 BA/Hist (three years)

Programme description

Our broadest programme, this degree is for students who want to experience an extensive range of historical subjects and have the maximum flexibility of choice. In the first year you will gain a broad understanding of the shape of the history of Britain and Europe from 1100AD to the present day. You will then have the opportunity to explore the medieval, early modern and modern periods, perhaps covering subjects as diverse as Anglo-Saxon England and the Kennedy presidency. The modular system allows you great freedom to shape your own studies, either specialising or retaining a broad focus. You will be able to choose from political, cultural, religious, social and economic themes drawn from the School's strength in British, European, Middle-Eastern and American history.

Programme outline

Year 1 Core modules: Making History • Europe and the Wider World Since 1800 • Unravelling Britain: British History since 1801 • **Options include:** Building the American Nation 1765-1890 • From Reformation to Revolution: Europe and the World 1500-1800 • What the Middle Ages Have Done for Us: Europe 1100-1500 • History of the Medieval Islamic World, 600-1500 • The Foundations of Modern Thought: Introduction to Intellectual History

Year 2 Options include: From the Tsars to the Bolsheviks: Russia 1801-1921 • Architecture in London • Medieval and Renaissance Medicine • Race in the United States: Slavery to Civil Rights • Victorian Values: Religion, Sex, Race and Deviance in Nineteenth-Century Britain • History of Modern Political Thought

Year 3 Options include: The Kennedy Years • The French Revolution • Cold War America, 1945-1975 • The History of Terror in the Modern Age, 1958-2008

- Exhibiting the First World War • Protest and Revolution in Germany, 1789-1989 • Behind Closed Doors: House, Home and Private Life in England, 1660-1850

Medieval History

V130 BA/MedH (three years)

Programme description

This unique programme examines the history and culture of Britain, Europe and Islam during the Middle Ages, although you will also have the opportunity to study some modules focusing on the early modern and modern eras. The first year will introduce you to the diversity of the Middle Ages and to the wide variety of sources used by historians, including non-written evidence such as archaeological material. You will then have great freedom to shape your own studies from a wide range of medieval and early modern options, perhaps focussing on medieval religious cultures, the place of women and minorities in medieval society or the history of the Crusades.

Programme outline

Year 1 Core modules: Making History • What the Middle Ages Have Done for Us: Europe 1100-1500 • From Reformation to Revolution: Europe and the World 1500-1800 • The Medieval World, Structures and Mentalities • History of the Medieval Islamic World, 600-1500 • **History options include:** Europe and the Wider World Since 1800 • Unravelling Britain: British History since 1801 • Building the American Nation 1765-1890

Year 2 Options include: Medieval Women • The Body: Images and Practices 1400-1600 • The Crusades, 1095-1291 • Women and Gender in Medieval Islam • The World of the Nun • Medieval and Renaissance Medicine • Outsiders in the Middle Ages • Latin • Arabic



Year 3 Options include: The First Crusade (Special Subject) • Renaissance Rome, 1430-1530 (Special Subject) • The Reform of Islam: The Legacy of Ibn Taymiyya • The Hussites: Reform, Revolution and Apocalypse in the Fifteenth Century • The Body, Images and Practices 1200-1600

Modern and Contemporary History

V140 BA/ModCH (three years)

Programme description

This degree programme is for those with a strong interest in the making of the world we live in today, although you will have the option to take some modules from earlier periods. In the first year you will study introductory modules on Britain, Europe and America. You can then select modules covering a broad spectrum of historical fields, from the history of foreign relations to the history of ideas. Teaching methods will reflect the richness and diversity of historical sources for the modern era, learning through lectures, film screenings, field trips and seminars.

Programme outline

Year 1 Core modules: Making History • Europe and the Wider World Since 1800 • Unravelling Britain: British History since 1801 • **Options include:** Building the American Nation 1765-1890 • From Reformation to Revolution: Europe and the World 1500-1800 • Film Noir • The Foundations of Modern Thought: Introduction to Intellectual History

Year 2 Options include: Cabinet, Premiership, and the Conduct of Central Government since 1945 • A Century of Extremes: Germany 1890-1990 • Embattled Eden: California in the Twentieth Century • Anglo-American Relations, 1945-68 • Outcast London? The East End from 1800 • The Face in Western Culture from the Renaissance to Freud

Career opportunities

History Medieval History

History has a reputation as a serious and respected discipline, which develops an understanding of the modern world and valuable research, analytical and communication skills, making history graduates very attractive to employers. Queen Mary History graduates often find employment in areas such as business, education, finance, government and the media. Others continue their studies at postgraduate level, or pursue more directly related careers as academic historians, librarians, archivists or history teachers. Graduates have found work for organisations as diverse as BP, BBC, Mansion House Consulting and InvesTec.

Modern and Contemporary History

Modern historians' skills make them attractive to employers in a wide range of fields, including management in commerce or industry, the civil service and local government, law, accounting, banking, publishing, journalism and research for TV or political organisations.

Year 3 Options include: The Kennedy Years • Winston Churchill, Politician and Writer • Red, White and Blues: Jazz and the United States in the Twentieth-Century • The 'Troubles' in Northern Ireland • The Russian Revolution and Civil War • Terrorism in the Modern Age • Film History: The United States in the Post-War Era

STUDENT PROFILE

Ashley Sweetman

History



"I chose Queen Mary because of the excellent location, only 10-15 minutes from central London. I was also attracted by the reputation of the history department. The modern and spacious on-campus accommodation was also hugely appealing, as I could wake up at the latest possible moment before lectures!

"The teaching staff are helpful and approachable, and most of the faculty are leading researchers in their chosen field. The academic and study facilities are also great. The library is modern and was recently refurbished, and has almost every book you'll need.

"The most interesting thing I have done was probably a project in my first year for a course about medieval sources. I chose to produce a portfolio of sources on medieval tournaments or jousting events, and found it fascinating reading through a variety of primary sources and searching for artefacts that I could include in my study.

"Another highlight was meeting Sir Gus O'Donnell as part of my Cabinet and Premiership module and exploring the Cabinet Office. But arguably my best time at QM was when Peter Mandelson came to the campus to speak to the Mile End Group. Seeing such a key political figure talking about what he did was amazing, and then being able to socialise in the same room as him afterwards was a great opportunity."

Film Studies and History

VW16 BA/FSHis (three years)

Programme description

This degree programme enables you to combine modules in film studies with modules in American, British and European history, and more particularly with modules centred on the unique film cultures which developed in Britain, France, Germany, Italy, Spain and the United States throughout the Twentieth Century. The first year combines modules which introduce you to key concepts in film studies with modules in modern history. In the second and third years, you are encouraged to select pathways that combine modules on the history of a particular country, particularly those that focus on a country's film history and culture. In your final year, you work on primary source material through original research, leading to a research dissertation.

Programme outline

Year 1 History core module: Making History • **History options include:** Europe and the Wider World Since 1800 • Unravelling Britain: British History since 1801 • Building the American Nation 1765-1890 • **Film Noir Compulsory film modules:** Introduction to Film • Auteursism: The European Tradition • Stars

Year 2 History options include: Race in the United States: Slavery to Civil Rights • Cinema and Society in the United States: 1930-1960 • British Horror: Film, Television and Literature • **Compulsory film option:** What is Cinema? Critical Approaches • **Film options include:** The French New Wave • Introduction to British Cinema • Popular Cinema in Spain

Year 3 History special subject: The Troubles in Northern Ireland • The Lives of Oscar Wilde • **Film options include:** Screening the Past: The French History Film in the 1980s and 1990s • Contemporary Hollywood Cinema • Spanish Cinema: The Films of Pedro Almodovar

French and History

VR11 BA/FrHi4 (four years)

History and German

RV21 BA/HiGer (four years)

Programme description

The study of a modern language and its culture in conjunction with history offers the opportunity to combine two contrasting but complementary areas of interest. Students will follow the core modules specifically designed to help develop language skills. In the first year, you will take a foundation course relating to French and Francophone culture or to the German language and culture. After this you are free to select options of special interest. Students will normally spend a year abroad in a country where French or German is spoken. This may be spent either studying or working, for example as a language assistant. This is a great opportunity to improve your language skills and experience life in a foreign country. For more information about the year abroad, please see www.silf.qmul.ac.uk Throughout the programme you will also take modules in history, chosen with assistance from your Adviser. Many students take advantage of the School of History's strength in modern European history.

Programme outline

Year 1 History core module: Making History • Europe and the Wider World Since 1800 • **History options include:** Unravelling Britain: British History since 1801 • From Reformation to Revolution: Europe and the World 1500-1800 • What the Middle Ages Have Done for Us: Europe 1100-1500 • **French core modules and options include:** French I • French Foundations • **German core modules and options include:** German I (introductory or post-A-Level) • Foundations of German Studies

Year 2 History options include: A Century of Extremes: Germany 1890-1990 • Britain and Europe 1945-1963 • **French core modules and options include:** French II • Theatre and Conflict: Early Modern French Drama • Art in France: Manet to early Picasso • Thought in France • **German core modules and options include:** German II • German Thought • Women's Writing in the Nineteenth Century • Medieval German Language and Literature

Year 3 Year Abroad: Written assignment

Year 4 History options include: The French Civil War, 1934-1944 • German Society, 1945-1955 • **French core module:** French III • **Options include:** Early Modern French Thought I: Problems of Knowledge •

Career opportunities

Film Studies and History

Graduates in Film Studies and History will have developed the skills of analysis, communication and presentation that make history graduates attractive to employers in education, journalism, finance, the civil service and other professions. Additionally, they will have developed a knowledge of film history, criticism and analysis that will be beneficial in seeking employment in television and film companies, journalism and cultural institutions.

French and History/History and German

Joint honours students who combine history and languages are particularly sought after in business and by government departments.

History and Politics

The skills developed by the study of these two related fields give graduates an excellent preparation for a wide range of careers, including those in government, think-tanks, journalism, teaching, and the civil service. The transferable analytical and communications skills you will gain will also make you an attractive prospect to employers in less directly related fields in both the private and public sector.

Proust • **German core module:** German III • **Options include:** Power and the German Language: The Discourse of Political Extremism • Weimar Cultures: Mosaic of Conflict and Creativity (1918-1933)

History and Politics

LV21 BA/HisPol (three years)

Programme description

This degree is jointly taught by the Schools of History and Politics, and reflects the close links between the two Schools and their 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.

Programme outline

Year 1 History core module: Making History • **History options include:** • Europe and the Wider World Since 1800 • Unravelling Britain: British History since 1801 • Building the American Nation 1765-1890 • From Reformation to Revolution: Europe and the World 1500-1800 • **Politics core module:** Introduction to Politics • **Politics options:** Introduction to International Relations or Comparative Government and Politics

Year 2 Core module: Modern Political Thought or History of Western Political Thought **History options include:** Methods of History • Britain and Europe, 1945-73 • Gender and Politics • Creation of American Capitalism • History of Modern Political Thought • **Politics options include:** British Politics • Global Governance • International Politics of the Developing World • International Relations: Theories and Concepts • Political Theories of the State, Economy and Society • War and Security in World Politics

Year 3 History options include: History Special Subject • Kennedy Years • Winston Churchill, Writer and Politician • The Enlightenment • **Politics options include:** Case Studies in Ethnic Conflict: Ireland and Northern Ireland • Electoral Behaviour • Theories of the Self • European Integration and the European Union as a Political System • The Politics of Economic Ideas • French Politics • Theory and Practice in Environmental Politics • European Politics: National Identity and Ethnicity • Liberalism, Past and Present • US Foreign Policy

History and Comparative Literature

VQ12 BA/HCL(three years)

Programme description

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

Programme outline

Year 1 Comparative Literature core modules: Introduction to Literature • Introduction to Comparison • The Scene of Teaching • **Comparative Literature options include:** Brief Encounters: Short Stories and Tall Tales • **History core module:** Making History • **History options include:** Europe and the Wider World Since 1800 • From Reformation to Revolution: Europe and the World 1500-1800

Year 2 Comparative Literature core module: The Scene of Reading • **Comparative Literature options**

Career opportunities

English and History

English and History graduates are sought-after in a huge range of career areas, especially those calling for excellent communications and analytical skills. You will also have developed your research skills and your understanding of the modern world, all of which are valued by employers. You might find employment in areas such as business, journalism and the media, education, government or public relations. A number of our graduates continue with their studies at postgraduate level.

Comparative Literature and History

The skills that students of Comparative Literature and History acquire are highly transferable to the professional market place. Graduates from this programme are particularly well-equipped for careers in publishing, the arts, journalism and the broadcast media.

include: Approaches to Fairy Tales • Photography and Narrative • European Tragedy: Renaissance to Twentieth Century • Making the Modern City, 1789-1914 • Race in the United States: Slavery to Civil Rights • Art since 1965

Year 3 Comparative Literature core module: The Scene of Writing • **History options include:** The Enlightenment, Renaissance Rome 1430-1530 **Comparative Literature options include:** Comparative Literature Research Project • Touch and Read: The Five Senses in Literary Modernism

English and History

QV31 BA/EngHis (three years)

Programme description

This degree meets a growing demand from students for a programme that links the social and political history of a period with its literary texts, and provides theoretical and skills-based tools for understanding the relationship between two disciplinary approaches.

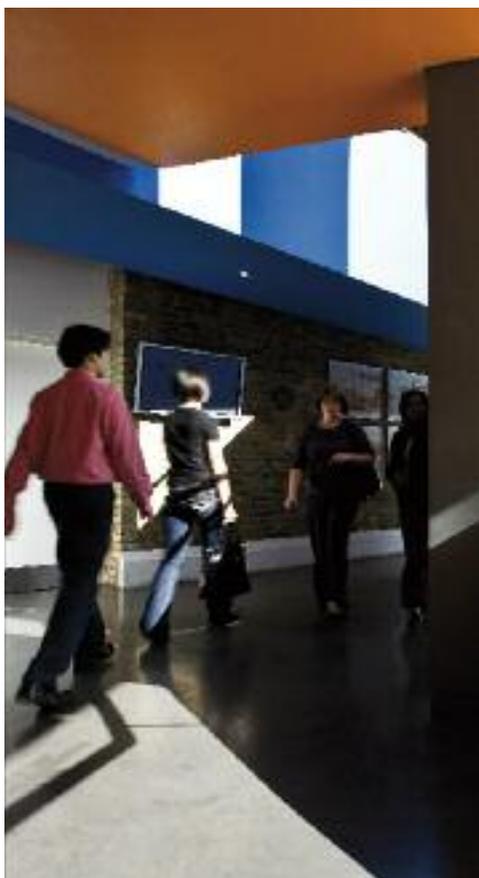
Programme outline

Year 1 Compulsory modules may include: • Reading Theory and Interpretation • Introduction to Intellectual History • Unravelling Britain: British History since 1801 • Building the American Nation 1765-1890 • From Reformation to Revolution: Europe and the World 1500-1800 • The Medieval World: Structures and Mentalities • Shakespeare •

Literatures in Time: Texts and Contexts from the Eighth to the Sixteenth-Century

Year 2 In your second year you are encouraged to choose complementary modules from the two disciplines, to construct a programme which is based either on a period or a theme. **Options include:** Seventeenth Century Literary Culture • Making the Modern City, 1789-1914 • Medieval Women • Anglo-American Relations, 1945-1970 • Nineteenth Century American Literature • Postcolonial Literatures

Year 3 Core modules: Either • a special subject in History • or • the joint English and History dissertation. The remainder of your modules are chosen from a range of options which may include: Caribbean Writing in the Twentieth Century • Contemporary Writing • King Arthur • Thomas Hardy • Outsiders in the Middle Ages • Red, White and Blue: Jazz and the United States in the Twentieth Century • Representing Victorian London • Modernism and Democracy



STUDENT PROFILE

Asha Saroy

History



"I always wanted to study at a university in London and I read and heard from other students that Queen Mary was excellent for history. When I visited the campus, what really stood out for me in comparison to other London universities, was the great campus facilities.

"The course is really well managed and we're based in the brand new ArtsTwo Building. The tutors have such a passion for their field and you know you are being taught by some of the best. One of the highlights of the course, so far, was visiting the Foreign Office and seeing William Hague's office – this was an exclusive opportunity only for us QM history students.

"Outside of my studies, I'm a member of the gym and I attend a number of fitness classes during the week. I also became a first-aider through the St John Ambulance Society at University and will be going to events such as Arsenal matches as a first aider."

Languages

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School of Languages, Linguistics and Film

FAQs

What are modern languages?

Studying modern languages is about more than vocabulary, grammar and pronunciation: you will also immerse yourself in culture, spend time working or studying abroad and learn to understand the subtleties of communication. Depending on your interests, you might find yourself being asked to do some of the following on any given day:

- Read challenging texts, literary and non-literary, in the target language
- Visit Tate Modern to look at Cubist paintings
- Attend a lecture on 1950s German cinema
- Produce a group radio project
- Take part in a linguistics class discussion – why do we have the accents that we have?

At Queen Mary, you can choose from four pathways:

- Ideas – politics, philosophy
- Visual arts and culture – paintings, film, music, TV, radio
- Literature – novels, plays, poetry
- Linguistics – how we learn languages.

So whether you are studying Surrealism one day, analysing a newspaper story the next, writing your own poem or reading a play the day after, you'll certainly have plenty of variety.

Why study modern languages? What can I do afterwards?

Quite simply, studying a language makes you more employable. Hundreds of companies in the UK and abroad are desperate for language graduates – English is not universally spoken, the boundaries of Europe are constantly expanding, and business grinds to a halt without linguists. Obviously you will be able to speak another language (or even languages) really well, but it goes much deeper than that. You will:

- Be excellent at all forms of communication, including writing, speaking and listening
- Be culturally adaptable from your time abroad
- Have a range of research skills
- Be able to process information – you'll analyse texts, interpret a range of materials, think logically and have plenty of practice in writing concisely
- Have presentation skills
- Be highly creative
- Be a good team worker
- Know about current affairs and what's going on worldwide
- Be able to develop your IT skills, from word processing to computer-assisted language learning.

Why study modern languages at Queen Mary?

We are one of the leading language departments in the UK and aim for excellence in both teaching and research. For example, Queen Mary was ranked in the top ten in the UK for Russian and Iberian Languages in the most recent Research Assessment Exercise (RAE 2008). This means that you will learn from people who are at the forefront of their field. In the last National Student Survey (NSS 2011), 86 per cent of our students were satisfied with the quality of the course overall.

We teach through a combination of lectures (larger groups) and tutorials, or by weekly two-hour seminars, while language work generally takes place in smaller groups. (You will receive a minimum of two hours tuition per week for each module.) We give our students individual attention and every student has an Adviser who can help with academic or personal problems. All the language programmes include writing-intensive modules that will help you strengthen your thinking, research and essay-writing skills.

You will also spend a year abroad in the third year of your degree. This gives you an exceptional opportunity to develop your language skills among native speakers. If you are studying two languages you can divide your time between two countries, or spend a full nine months in one country, and three months over the summer vacation in the other. You have three main options for how to spend the year abroad: teaching English as a foreign language assistant; attending university abroad on an Erasmus exchange; or in the professional world, either on a work placement, with the School's support, or independently, with the School's approval.

We pride ourselves on the facilities we offer. Our computing services make us one of the best equipped languages departments in the UK. Advisers are on hand to help you take advantage of multi-lingual word-processing and to point you towards websites useful for language study. Our custom-designed Language Centre provides state-of-the-art language teaching and learning facilities. We also subscribe to many foreign newspapers and journals. The College Library has extensive audio-visual facilities, a large collection of videos and DVDs and is equipped for viewing satellite TV. Students also enjoy lively language clubs and societies which organise film showings, outings, drama productions and a Stammtisch (a German word for a regular social meeting, often in a pub, that gives you the chance to practise your language as well as have fun).

Entry requirements

General Information	<p>You may study a language without having studied it before (except for French) provided that you have a proven ability in a foreign language. You may only study one language from scratch. For French degree programmes, applicants must possess an A-level or equivalent in French. Applicants whose first language is not English must obtain a grade B in GCSE English language or equivalent, or will be required to have IELTS 7 (with grade 7 in writing). If you study Russian from beginners level you will undertake a preliminary year of Russian language.</p> <p>Excluded subjects: General studies and critical thinking.</p>
A/AS-levels	<p>Tariff/Grades requirement: 360 points from three A-levels for all combinations with English Literature or Drama: QQ13, QR31, RQ23, RQ43, QR37, WR41, WR42, WR44, WR47, QW36 and WW46. 340 points from three A-levels with a A in a relevant subject and none lower than a B for the following programmes: RQ12, RQ11, R100 and RW16. For all other programmes: 320 points from three A-levels with a minimum B in a relevant subject (with none lower than a grade C) and a preference for a grade B in your chosen language. We may also consider applicants who gain the points required from two A-levels and two AS-levels in relevant subjects.</p>
Vocational or applied A-levels	<p>Up to two vocational A-levels, or one double award, may be offered but applicants must also offer at least one GCE A-level.</p>
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with other qualifications. Subjects and grades required: Overall DD plus an additional qualification. All BTEC subjects will be considered, depending on their relevance to the degree programme you are applying for.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable on its own and combined with other qualifications. Subjects and grades required: DDD for the following programmes – RQ12, RQ11, R100 and RW16. DDM for all other programmes. All BTEC subjects will be considered, depending on their relevance to the degree programme you are applying for.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own. Subjects and grades required: Overall 36 points from three A-levels for all combinations with English Literature or drama: QQ13, QR31, RQ23, RQ43, QR37, WR41, WR42, WR44, WR47, QW36 and WW46. Subjects and grades required: Overall 34 with 6 in a foreign language for the following programmes: RQ12, RQ11, R100 and RW16. Overall 32 points with 6 in a foreign language for all other programmes.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own. Subjects and grades required: Overall 85 per cent with 8/10 in English for all combinations with English literature or drama: QQ13, QR31, RQ23, RQ43, QR37, WR41, WR42, WR44, WR47, QW36 and WW46. Subjects and grades required: Overall 80 per cent with a good pass in a language and 8/10 in English for RQ12, RQ11, R100 and RW16. Overall 77 per cent with a good pass in a language and 8/10 in English for all other programmes.</p>
Access to HE Diploma	<p>Achieve the Access to HE Diploma including Distinction in at least 24 Level 3 credits, and Merit in at least 12 Level 3 credits. <i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualifications. Flexibility shown for mature students.</p>

Key facts

Assessment

Assessment methods vary from module to module, and include a mixture of exams and coursework, coursework only, oral exams (including the production of a short radio programme), final-year dissertations and a range of more innovative methods, such as independent projects and creative journals.

For more information about how specific modules are assessed, visit www.sllf.qmul.ac.uk/modules

Our teaching

Teaching typically involves a lecture per week for each module, followed up by a smaller seminar group session where you will have the opportunity to actively contribute. In addition to this, you will spend up to five hours per week in language classes – you will be taught in small groups of no more than 20 for classroom or language lab teaching, and fewer than 10 for oral and aural work.

Admissions

Admission is by UCAS form. Transfer or mature applicants may be invited for interview or asked to produce a piece of written work. An offer is usually followed by an invitation to one of our post-application open days.

Further information

You will find full details about the School of Languages, Linguistics and Film (SLLF) on our website: www.sllf.qmul.ac.uk

If you have any other queries, please contact:
Administrator, UG Admissions
School of Languages, Linguistics and Film
Tel: +44 (0)20 7882 8331
Fax: +44 (0)20 8980 5400
email: sllf-ug@qmul.ac.uk

For further information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions Office
Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international



Languages

Degree programmes



French

R100 BA/Fr4 (four years)

Programme description

This is the most specialised of the degree programmes offered by the Department of French. In each year you follow core language modules in which skills in the understanding and expression of French are developed by a variety of methods. In your first year a general foundation programme introduces you to various aspects of French studies – literature, film, linguistics, visual art, philosophy and politics – designed to deepen your knowledge of France and its culture. In your second and final years you choose more specialised modules until, by the end of your final year, you are able to speak French fluently, write analytically in accurate French, interpret and analyse complex texts, present papers on chosen topics, and translate challenging texts. Your third year is normally spent abroad, in France or a French-speaking country. You can choose to study at another university, or else take up a work placement, for example as a teaching assistant. For more details, see:

www.slif.qmul.ac.uk/french/yearabroad.htm

Programme outline

Year 1 French Foundations • French I • **Options include:** Translation into French • Paris in Art •

Year 2 French II • **Options include:** Art in France: Manet to Early Picasso • Contemporary French Cinema (1980s and 1990s) • French Phonetics and Phonology • Twentieth-Century French Thought: Violence and Values • Out of Place: Literature and Dislocation • Thought in France • The Edutainers: Francophone Children's Literature

Year 3 **Year abroad:** Written Assignment

Year 4 French III • **Options include:** Advanced Oral Competence in French • Early Modern French Thought II: Psychology and Ethics • French Film After

Auschwitz: Testimony, Memory, Mourning • Language and Identity in Québec • New Women's Writing in French • Surrealism • Imagining Modernity: Creative Writing

All applicants must possess an A-Level (or equivalent) in French for this programme. Native speaker applications are welcomed.

German

R201 BA/Ger4 (four years)

Programme description

This is the most specialised of the degree programmes offered by the Department of German. Each year you follow core language modules in which skills in the understanding and expression of German are developed by a variety of methods. In your first year a foundation module introduces you to linguistics, culture and film. In your second and final years, you broaden and deepen your knowledge to include, for example, literary and gender studies, media or the history of ideas. You can also take additional specialist language modules and acquire the critical and linguistic skills associated with the production of a play in German. Your third year is normally spent abroad, in one of the German-speaking countries. The Department has partnerships with 11 universities where students can go on study exchange; alternatively you could take up a work placement. For more details, including former students' experiences, see: www.slif.qmul.ac.uk/german/abroad

Programme outline

Year 1 German I • Foundations of German Studies • **Options include:** German Phonetics and Phonology • German Play • Austrian Literature • Kleist

Year 2 German II • **Options include:** Drama in German in the Twentieth Century • German for Business • Reading German Film • The Works of Bertolt Brecht • German Thought • Word and Image



in German Culture • Twentieth Century Women's Writing in German

Year 3 Year abroad: Written Assignment

Year 4 German III • Options include: 'Dichtung' und 'Wahrheit': Fictions of the Self from Goethe to the Present Day • German Literature in East and West • Languages in the Classroom: the Case of German • Power and the German Language: The Discourse of Political Extremism • Weimar Cultures: Mosaic of Conflict and Creativity (1918-1933) • Swiss Literature

Entry requirements may vary for native German speakers, and for those who have no previous knowledge of German.

Hispanic Studies

R451 BA/Hisp4 (four years)

Programme description

Hispanic Studies covers both the Iberian Peninsula and Latin America and includes the study of Spanish, Portuguese and Catalan. Language is the top priority and is compulsory in every year unless you are a native speaker, in which case you take only the final year advanced course. On this single honours programme you must also take at least one module relating to Portuguese or Catalan in your first year (though beginners in Spanish can not begin a second language until their second year). You are strongly encouraged to take further modules in Portuguese or Catalan in the course of your studies. The year abroad offers the possibility of work or study in Spain or Latin America. For specific information about the opportunities available see:

www.slif.qmul.ac.uk/hispstudies/hispstudiesya.shtml

Programme outline

Year 1 Spanish I • Introduction to Hispanic Studies • **Options include:** Spanish Today • Key Concepts for the Study of Latin American Cultural History •

Career opportunities

French; German; Hispanic Studies; Russian

A single honours language degree is a valuable qualification in a globalised world, which depends on effective communication and a multi-cultural awareness. You are not 'just a linguist' although fluency and confidence in a foreign language are increasingly recognised as essential skills in the job market. In addition to your excellent communication skills – written and spoken – you have the cultural flexibility that comes from having lived, and perhaps worked, abroad. Your training in the analysis and interpretation of material as well as in report-writing and team work provide you with a range of transferable skills that an employer can use in whatever field you choose. Linguists are in short supply in the UK and internationally, so language graduates are in a strong position. Of course, many graduate jobs do not ask for a specific degree, and our graduates are attracted to directions as diverse as banking, multinational corporations, marketing, PR, sales, management consultancies, the diplomatic service, publishing, the media, teaching, law, computing, library management etc. Each year some of our students go on to study at postgraduate level.

Brazilian Cultural Studies • Catalan Culture: History, Language, Art • Re-Viewing the Spanish Civil War

Year 2 Spanish II • **Options include:** Spanish Today • Key Concepts for the Study of Latin American Cultural History • Brazilian Cultural Studies • From Dictatorship to Revolution in Portugal's Cinema • Re-Viewing the Spanish Civil War

Year 3 Year abroad: Written Assignment

Year 4 Spanish III • **Options include:** Advanced Oral Competence in Spanish • Varieties of Spanish •

Degree programmes

Feminine Voices in Modern Spanish Fiction • Slavery, Colonialism and Postcolonialism in African Cinema • Language and Identity in the Catalan Lands • Cervantes and the Nature of Fiction

You can enter as a total beginner, or with GCSE-level or A-level language skills, or as a native speaker.

Russian

R710 BA/Rus4 (four years)

Programme description

Students with little or no knowledge of Russian start this programme with a preliminary year of intensive language instruction, bringing you up to good A-level standard. You then progress to Year 1, and as the year abroad in Year 3 is optional, you can still finish in four years. Students who already have an A-level in Russian or an equivalent qualification, go straight into the main degree. Each year you receive a large amount of language tuition designed to bring your competence in understanding and expressing yourself to as high a level as possible. Students take modules in Russian literature, thought and film to enrich their feel for the language. We also encourage you to take modules in History and other disciplines where there is a strong interest in Russia. Students are encouraged to participate in the annual play, performed in Russian.

Programme outline

Preliminary Year Introductory Russian – for those not holding A-level Russian or equivalent

Year 1 Russian I • **Options include:** Russian Culture and Society • Russian Vocabulary and Word-Formation

Year 2 Russian II • **Options include:** Russian Novel: Self and Society • Short Stories and Important People: The Nineteenth Century • Russian Syntax • Russian Play • The Russian Avant-Garde • Modern Russian Literature I: Revolution

Year 3 **Year abroad (optional):** Written Assignment

Year 4 Russian III • **Options include:** Advanced Oral Competence in Russian • Essay in Russian • Liaison Interpreting (Russian-English-Russian) • Russian Novel: Dysfunctional Families • Russian Film: Memory and History • Russian Literature since 1917: Short Fiction • Modern Russian Literature II: Beyond the Monolith • Writing in Russian

Entry requirements may vary for native Russian speakers, and for those who have no previous knowledge of Russian. Native speakers of Russian are given separate instruction for parts of the language core courses.

French and Comparative Literature

RQ12 BA/FrCL (four years)

German and Comparative Literature

QR22 BA/GerCL (four years)

Hispanic Studies and Comparative Literature

QR24 BA/HSCL (four years)

Russian and Comparative Literature

QR27 BA/RusCL (four years)

Programme description

Your degree is split equally between your language and comparative literature. 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. You also study a national language and culture in depth, and explore the broader perspective of the literatures and cultures of Europe, Latin America and beyond. In your first year you will follow four introductory literature modules and four modules in your chosen language area, including two in the written and spoken language. In your second and final years you will take advanced module options concentrating on particular literary themes, movements and genres, plus a comparative literature research project. Core language modules continue to assist you in developing your linguistic skills, and you will usually live for a year in a country where your chosen language is spoken. This may be spent either studying at one of our partner universities, or taking up a work placement. For more information about the year abroad, see www.slif.qmul.ac.uk

Programme outline

(The example below is for French and Comparative Literature, but similar pathways exist for the other languages and Comparative Literature).

Year 1 Introduction to Literature: Texts and Contexts • The Scene of Teaching • French Foundations • French I • **Options include:** Brief Encounters: Short Stories and Tall Tales • The Opposite of Science: How to do Things with Poems

Year 2 The Scene of Reading • French II • **Options include:** Art and Revolution • Fairy Tales in the Modern World • The Edutainers: Francophone Children's Literature • Art in France: Manet to Early Picasso • Out of Place: Literature and Dislocation

Year 3 Year abroad: Written Assignment

Year 4 The Scene of Writing • French III • **Options include:** Lost in Translation? • Poetry and Poetics of Resistance • Proust • Lovers and Libertines: Eighteenth-Century French Fiction • Comparative Literature Research Project

French with Business Management

R1N1 BA/FrBM4 (four years)

German with Business Management

R2N1 BA/GeBM4 (four years)

Hispanic Studies with Business Management

R4N1 BA/HSBM4 (four years)

Russian with Business Management

R7N1 BA/RusBM4 (four years)

Programme description

Combining a language with business and management broadens your scope, giving you a greater range of skills to draw on in your future career. The business modules focus on organisations and their operations, and span both public and private sectors. In your language studies you follow core modules designed to help you develop your linguistic skills, and also live for a year in a country where your chosen language is spoken. This can be spent either studying or taking up a work placement. Please see the individual language entries for further details.

Programme outline

The example below is for French with Business Management but similar pathways exist for other languages with Business Management.

Year 1 French Foundations • French I • Fundamentals of Management • Economics for Business • **Options include:** Brief Encounters: Short

Career opportunities

Language and Comparative Literature

The employment prospects for graduates of the joint Language and Comparative Literature programmes are excellent. The linguistic skills and cultural knowledge that you will acquire on these programmes are highly transferable to the professional market place. Graduates from these programmes are particularly well-equipped for careers both at home and abroad in publishing, education, journalism and the broadcast media.

Languages with Business Management

Graduates with a degree combining business and linguistic skills are well placed to explore a wide variety of career paths. The Confederation of British Industry (CBI) frequently highlights the underperformance of the UK in all the major world markets as a result of poor foreign-language skills. Your Business Management training teaches you a variety of highly valued skills which are applicable in a wide range of organisations, large and small. Our location close to the financial centres of the City of London and Canary Wharf will give you a head start in the job market. There are good job prospects in industry, finance and commerce, as well as in the public sector and charities. Our graduates are attracted to directions as diverse as banking, multinational corporations, marketing, PR, sales, management consultancies, the diplomatic service, publishing, the media, teaching, law, computing, library management etc. Each year some of our students go on to study at postgraduate level.

Stories and Tall Tales • Identities in Contemporary France

Year 2 French II • Financial Accounting • Marketing • **Options include:** Art in France: Manet to early Picasso • Contemporary French Cinema (1980s and 1990s) • Contemporary Women's Writing Part I • French Phonetics and Phonology • Twentieth-Century French Thought: Violence and Values

Year 3 Year abroad: Written Assignment

Year 4 French III • Strategy • Human Resource Management • **Options include:** Advanced Oral Competence in French • Early Modern French Thought II: Psychology and Ethics • French Film After Auschwitz: Testimony, Memory, Mourning

Entry requirements vary for those who have no previous knowledge of the selected language of study. For more information on Business Management please see page 27.

Graduate profile: Rochelle Ferguson



Studied: BA(Hons) French and European Studies (graduated 2001); MA European Literature, Culture and Thought (graduated 2005)

Currently: Deputy Editor-in-Chief (English strand)
Vox Africa Television

Why did you choose Queen Mary?

I chose Queen Mary because it has an excellent reputation and the language department is well-respected both in the UK and abroad. I visited the University and found the staff to be enthusiastic.

How did you find out about your current job?

After taking full advantage of the opportunity which Queen Mary gave me to study for my third year in France, I got the travel bug. I continued travelling and eventually settled in the Middle East for a few years. It was there I began to take a keen interest in journalism and current affairs. I also found the Arabic language fascinating! When I arrived back in London, I began applying for journalism jobs. I used the internet and newspapers, as well as contacts to eventually land my first role at a local radio station.

What does your current job involve day-to-day?

I use sharp journalistic judgement to choose an interesting news agenda which will appeal to our diverse audience. I look for ways to originate stories and illustrate them in the best possible way, as well as considering future planning. I do this by securing interviews with correspondents abroad and finding relevant contributors to go on air. Another key aspect of my role is writing accurate, concise scripts and TV packages which offer viewers a fresh perspective on a news story. Contacts are vital to enable you to do this because a lot depends on who you are able to source. I also appear in front of the camera to present the news which is aired in the Europe and Africa. You need to be knowledgeable, and up-to-date with current affairs, as well as being able to improvise during live interviews. In addition to this, I supervise staff to ensure that news is presented in an exciting, accurate way and our audience are consistently engaged.

Degree programmes

French and German

RR21 BA/FrGe4 (four years)

French and Hispanic Studies

RR41 BA/FrHS4 (four years)

French and Russian

RR17 BA/FrRus4 (four years)

German and Hispanic Studies

RR24 BA/GHS (four years)

German and Russian

RR72 BA/GeRus4 (four years)

Hispanic Studies and Russian

RR47 BA/HSR (four years)

Hispanic Studies and Catalan Language

R490 BA/HSCatL (four years)

Hispanic Studies and Portuguese

RR45 BA/HSPort (four years)

Programme description

These degree programmes are split equally between two languages (although if you are a beginner in Russian you will undertake a preliminary year of Russian language first). To achieve the same high level of competence in both languages, you will take core modules in the written and spoken language for each subject all the way through to your final year. For more details about the range of modules available, consult the single language entries. You normally spend your third year abroad in the country of one of your languages of study.

Programme outline

The example below is for French and German but similar pathways exist for other joint language degrees.

Year 1 French I • French Foundations • German I • Foundations of German Studies

Year 2 French II • German II • **Options include:** Art

in France: Manet to Early Picasso • Contemporary French Cinema (1980s and 1990s) • Twentieth-Century French Thought: Violence and Values • French Phonetics and Phonology • Drama in German in the Twentieth Century • German for Business • Reading German Film • German Thought • Women's Writing in the Nineteenth Century •

Year 3 Year abroad: Written Assignment

Year 4 French III • German III • **Options include:** Advanced Oral Competence in French • Early Modern French Thought II: Psychology and Ethics • French Film After Auschwitz: Testimony, Memory, Mourning • Surrealism • Imagining Modernity: Creative Writing • German Narrative Fiction: Text and Film • Languages in the Classroom: the Case of German

Hispanic Studies and Catalan Language

R490 BA/HSCatL (four years)

Programme description

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, you will choose, each year, from a range of modules offered by the department of Iberian and Latin American Studies or by the School of Languages, Linguistics and Film more generally. For more details of the range of modules available, see the single language entry for Hispanic Studies on page 169. You normally spend your third year abroad in a Catalan-speaking territory. You can choose whether to study, or take up a work placement. For more information about the opportunities presented by a year abroad, see www.slif.qmul.ac.uk

Programme outline

Year 1 Core modules: Spanish I • Introductory Catalan • Introduction to Hispanic Studies • Two additional options, for example: • Catalan Culture: Language, History and Art • Spanish Today

Year 2 Core modules: Spanish II • Catalan II Intensive • **Four further option modules, for example:** Colonialism and Culture in Latin America • Subversive Discourses in the Golden Age • Desire and Society in Twentieth Century Catalan Literature • The Spanish Inquisition • The Generation of 1898 in Spain: Literature, Ideas and Debate

Year 3 Year abroad: Written Assignment

Career opportunities

French and German; French and Hispanic Studies; French and Russian; German and Hispanic Studies; German and Russian; Hispanic Studies with Catalan Language; Hispanic Studies and Portuguese

If you can offer an employer two languages at degree level, the world is pretty much your oyster! Languages are increasingly seen as vital in a globalised world which depends on effective communication and a multi-cultural awareness. Spanish and Portuguese are increasingly valued by firms trading with Spain and Latin America. Linguists are in short supply in the UK and internationally so language graduates are in a strong position. Our graduates are attracted to directions as diverse as banking, multinational corporations, marketing, PR, sales, management consultancies, the diplomatic service, publishing, the media, teaching, law, computing, library management etc. Each year some of our students go on to study at postgraduate level.

Year 4 Core modules: Spanish III • Catalan III • **Four further option modules, for example:** Cervantes and the Nature of Fiction • Narrating the Catalan Nation • Cuban Society through Film: post-1959 Revolution • War, Humour and Love in Medieval Spanish Literature

Hispanic Studies and Portuguese

RR45 BA/HSPort (four years)

Programme description

This degree offers students the chance to study two of the most widely spoken languages in the Western world: Spanish, in both its Peninsular and Latin American variations, and Portuguese, in both its European and Brazilian forms. It also addresses the cultural diversity of both the Iberian Peninsula and of Latin America. The degree is split equally between the two languages. 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, you will choose from a range of modules offered by the department of Iberian and Latin American Studies or the School of Languages, Linguistics and Film more generally. For more details of the range of modules available, see the single language entry for Hispanic Studies on page 169. You normally spend your third year abroad in a Portuguese-speaking country. For more about the year abroad, see www.slif.qmul.ac.uk

STUDENT PROFILE:



Jada Bado-Animboah

English and French

"I wanted to stay in London but I also wanted the campus feel, so I chose Queen Mary which has the best of both worlds – a top campus-based College in the heart of London.

"I have to say I love my course! It is so flexible, I spent last year studying in Miami and this year I am on the Erasmus exchange in France and it all counts towards my degree! My experience at Queen Mary remains unmatched – none of my friends elsewhere have had the same opportunities.

"Both the Schools (English and Drama and Languages, Linguistics and Film) are top in the country. The teaching staff vary lectures so there is something to sustain everyone's interest. Study, research, IT and career facilities are in abundance as we are part of University of London. It means we get to make use of the central facilities as well as our own.

"The Student Village means you don't have to go off campus if you don't want to... everything is at hand. Should you wish to venture out, central London is a bus or tube ride away. East London is fast becoming the most 'fashionable' part of London and I have no doubt it will be the new hub of the city especially with the 2012 Olympic Games."

Degree programmes

Programme outline

Year 1 Core modules: Spanish I • Introductory Portuguese • Introduction to Hispanic Studies • **Two further modules, for example:** Brazilian Cultural Studies • From Dictatorship to Revolution in Portugal's Cinema

Year 2 Core modules: Spanish II • Portuguese II Intensive • **Four further modules, for example:** Monsters, Gods and Desire: Myths in Camões and Fernando Pessoa • Brazilian Cinema: The Social Tradition • Colonialism and Culture in Latin America • The Spanish Inquisition

Year 3 Year abroad: Written Assignment

Year 4 Core modules: Spanish III • Portuguese III • **Four further modules, for example:** Cervantes and the Nature of Fiction • Slavery, Colonialism and Postcolonialism in African Cinema • Advanced Oral Competence in Spanish • Feminine Voices in Modern Spanish Fiction

Film Studies and French

RW16 BA/FSFr (four years)

Film Studies and German

RW26 BA/FSGe (four years)

Film Studies and Hispanic Studies

RW46 BA/FSHS (four years)

Film Studies and Russian

RW76 BA/FSRus (four years)

Programme description

These degree programmes will familiarise you with the aesthetics, conditions of production and history of film in the United States, Latin America and the major European nations. 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 a wider knowledge of the culture of a specific country. You will usually spend your third year abroad. This is an invaluable opportunity to improve your language skills, as well as gain first-hand experience of what life is like in the country where the language you are studying is spoken. For more details about the opportunities presented by a year abroad, see www.slif.qmul.ac.uk

Programme outline

The example below is for Film Studies and French but similar pathways exist for Film Studies and other languages. For details of other languages modules, see the individual language entries in this section.

Year 1 Core modules: Introduction to Film Studies • Auteursism: The European Tradition • Stars • French I • French Foundations

Year 2 Core modules: What is Cinema? Critical Approaches • French II • **Film options include:** Directing Drama • Scriptwriting: Adaptation and Original Script • The French New Wave • The Sweet Life and After: a Decade of Italian Filmmaking • Introduction to British Cinema • Documentary – Theory and Practice • **French options include:** Art in France: Manet to Early Picasso • Out of Place: Literature and Dislocation • Memories of WWII in Literature, Film and Art

Year 3 Year abroad: Written Assignment

Year 4 French III • Film options include: Film Research Project • Creative Production • Scriptwriting: Script Development and Genre Research Project • French Film after Auschwitz: Testimony, Memory, Mourning • Production Practice • Contemporary German Cinema • Mapping Contemporary Cinemas • **French options include:** The Sociolinguistics of French • New Women's Writing in French • Imagining Modernity: Creative Writing

French and Linguistics

RQ11 BA/FrLing (four years)

German and Linguistics

RQ21 BA/GeLin4 (four years)

Hispanic Studies and Linguistics

RQ41 BA/HSLin4 (four years)

Russian and Linguistics

RQ17 BA/RusL4 (four years)

Programme description

Linguistics looks at the structure and sound systems of language, how grammar and meaning relate, how dialects work and much more. Each year, for your chosen language, you take all the core modules in the spoken and written language. In your first year, you begin with a foundation programme which gives you an overview of the field and also choose options covering the culture associated with your chosen

Career opportunities

Film Studies and a Language

Graduating in film studies and a language leads to an exciting range of job opportunities. Whether you choose a film-related career or not, you'll have plenty of useful skills: in analysing material, researching topics, in practical/production work, in using your imagination and creativity and as an expert communicator in both verbal and visual language. In an increasingly globalised world which depends on effective communication and a multi-cultural awareness your fluency and confidence in a foreign language are essential. Our graduates are attracted to directions as diverse as the production side of film and television, the media, journalism, advertising, banking, multinational corporations, marketing, PR, sales, management consultancies, the diplomatic service, publishing, teaching, law, computing, library management etc. A number of students each year also go on to study further at postgraduate level.

Language and Linguistics

A degree combining linguistics and a foreign language offers plenty of scope in terms of careers. The emphasis on communication and language analysis in a linguistics degree gives you special skills in logical thinking and systematic analysis as well as key insights into the factors underlying successful communication. The two disciplines train you in the analysis and interpretation of material, in project design and management, and in teamwork, as well as equipping you with a diverse range of writing and presentation skills that an employer can use in whatever field you choose. Linguists are in short supply in the UK and internationally so language graduates are in a strong position. Potential careers include linguistics-related fields such as speech and language therapy, language forensics, and counselling. More generally, our graduates are attracted to directions as diverse as banking, multinational corporations, marketing, PR, sales, management consultancies, the diplomatic service, publishing, the media, teaching, law, computing, library management, social work etc. Each year some of our students go on to study at postgraduate level.

language (for more details about the range of modules available, consult the single language entries). In your second and final years, for both linguistics and your chosen language area, you select more specialist modules, depending on your year of study. You can also choose to concentrate on a research project in your final year. Your third year is usually spent abroad, either studying at one of the universities we have a partnership with, or taking up a work placement, for example as language assistant

Graduate profile: Sophie Richardson



Studied: French and Linguistics (graduated 2010)

Currently: President, Queen Mary Students' Union

Why did you choose Queen Mary?

I was interested in Queen Mary because of its high-ranking for both French and linguistics. When I came for the open day I fell in love with the campus; it felt safe and secure but with the hustle and bustle of the city right on the doorstep.

How did your time at Queen Mary prepare you for work?

My time as a Course Rep and a member of the Union's Student Council undoubtedly prepared me for my role as President. My course prepared me in terms of learning to manage my work load as well as developing my listening and writing skills. My year abroad in France taught me how to adapt to new and challenging situations which comes in handy almost every day in my current role.

What does your current job involve day-to-day?

Every day I represent Queen Mary students and work towards ensuring that the student experience is the very best it can be. I attend a lot of College meetings to represent the views of students and lobby for change. I also lead on a number of projects and campaigns with the aim of improving students' lives.

Degree programmes

in a country where the language you are studying is spoken. This offers a great opportunity to get first-hand experience of life in a foreign place, as well as improving your language skills. For more details about the year abroad, see www.slf.qmul.ac.uk

Programme outline

The example below is for the French and Linguistics BA but similar pathways exist for other languages with linguistics.

Year 1 Foundations of Linguistics • French I • French Foundations • **Options include:** Paris in Art • Brief Encounters: Short Stories and Tall Tales • Identities in Contemporary France • Language in the UK • Languages of the World • Language Acquisition

Year 2 French II • **Options include:** Aspects of Meaning in Language • Explaining Grammatical Structure • The Linguistics of Storytelling • Language and Media • Language and Ethnicity • Contemporary French Cinema (1980s and 1990s) • French Phonetics and Phonology • Art in France: Manet to early Picasso • Thought in France • Film Noir

Year 3 **Year abroad:** Written Assignment

Year 4 French III • **Options include:** Ethnography of Communication • Bilingualism • Philosophy of Language • Pidgins and Creoles • Advanced Oral Competence in French • Early Modern French Thought II: Psychology and Ethics • Language and Identity in Québec • Surrealism • New Women's Writing in French • Advanced Oral Competence in French

French and History

VR11 BA/FrHi4 (four years)

History and German

RV21 BA/HiGer (four years) (Subject to approval)

Programme description

The study of a modern language and its culture in conjunction with history offers the opportunity to combine two contrasting but complementary areas of interest. Students will follow the core modules specifically designed to help develop language skills. In the first year, you will take a foundation course relating to French and Francophone culture or to the German language and culture. After this you are free to select options of special interest. Students will normally spend a year abroad in a country where French or German is spoken. This may be spent either studying or working, for example as a language assistant. This is a great opportunity to improve your

language skills and experience life in a foreign country. For more information about the year abroad, please see www.slif.qmul.ac.uk Throughout the programme you will also take modules in history, chosen with assistance from your Adviser. Many students take advantage of the School of History's strength in modern European history.

Programme outline

Year 1 History core module: Europe in the wider world since 1800 • Making History • **Options include:** From Reformation to Revolution Europe and the World from 1500-1800 • What the Middle Ages have done for us, Europe 1100-1500 • **French core modules:** French I • French Foundations • **German core modules:** German I (introductory or post-A Level) • Foundations of German Studies

Year 2 History options include: Britain and Europe 1945-1963 • A Century of Extremes: Germany 1890-1990 • Challenging Europe's Political and Social order: The 1848 Revolution • **French core modules include:** French II • Theatre and Conflict: Early Modern French Drama • Art in France: Manet to Early Picasso • Twentieth-Century French Thought: Violence and Values • **German core modules include:** German II • German Thought • Heinrich von Kleist: The Crisis of Subjectivity • Medieval German Language and Literature

Year 3 Year abroad: Written Assignment

Year 4 History core modules: History special subject: The French Civil War 1934-44 • **French core module:** French III • **Options include:** • Proust • Imagining Modernity: Creative Writing • **German core module:** German III • **Options include:** Power and the German Language: The Discourse of Political Extremism • Weimar Cultures: Mosaic of Conflict and Creativity (1918-1933)



Career opportunities

French and History/History and German

Joint honours students who combine history and languages are particularly sought after in business and by government departments. Our graduates are attracted to directions as diverse as banking, multinational corporations, marketing, PR, sales, management consultancies, the diplomatic service, publishing, the media, teaching, law, computing, library management etc. Each year some of our students go on to study at postgraduate level.

English and French

QR31 BA/EgFr4 (four years)

English and German

RQ23 BA/EngGe4 (four years)

English and Hispanic Studies

RQ43 BA/EngHS4 (four years)

English and Russian

QR37 BA/EngRus4 (four years)

Programme description

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 linguistic skills, and introducing you to a range of theoretical and critical approaches to English studies. In your third year, you normally spend a year abroad in a country where your chosen language is spoken. You can choose to either study or take up a work placement. For more information about what you can do during the year abroad, see www.slif.qmul.ac.uk

Programme outline

This example is for English and French, but similar pathways exist for combinations of English and another language.

Year 1 English core module: Reading, Theory and Interpretation • **then choose between either** Shakespeare • **or** • Poetry: A Basic Course • **or** Literatures in Time: Texts and Contexts from the Eighth to the Sixteenth Century • **French core modules:** French I • French Foundations

Years 2 and 4 French core modules: French II • French III • **French options include:** Art in France:

Degree programmes

Manet to Early Picasso • French Phonetics and Phonology • The Edutainers: Francophone Children's Literature • Language and Identity in Quebec • Imagining Modernity: Creative Writing • **English options include:** Modernism • Nineteenth Century American Literature • Victorian Poetry • The Dickens World • Writing Medieval Religion • Reading Psychoanalysis, Reading Literature

French and Drama

WR41 BA/FrDr4 (four years)

German and Drama

WR42 BA/GeDr4 (four years)

Hispanic Studies and Drama

WR44 BA/HSDr4 (four years)

Russian and Drama

WR47 BA/RusDr4 (four years)

Programme description

Studying drama and a modern language gives you the opportunity to explore connections and interactions between cultural traditions. You divide your time equally between the two subjects, following modules designed to help you develop your linguistic skills, and the key concepts and techniques required to study cultural practices.

You will engage with a variety of performance and cultural traditions that inform both contexts and investigate the parallels between the two. You normally spend your third year in a country where your chosen language is spoken. You can choose to either study or take up a work placement. For more information about what you can do during the year abroad, see www.slif.qmul.ac.uk

Programme outline

This example is for French and Drama, but similar pathways exist for combinations of drama and another language.

Year 1 Drama core modules: Theatre and its Others • Performance in History • Making Theatre Work • London, Culture, Performance • **French core modules:** French I • French Foundations

Years 2 and 4 In Drama you will design a programme of study from **option modules which may include:** Theatre for the People • Adaptations • Dramaturgy and Translation • Making Contemporary Theatre • Naturalism • **In French**, you take: French II • French III • **plus options which may include:** • Art in France: Manet to Early Picasso • French Phonetics and Phonology • The Edutainers: Francophone Children's Literature • Language and Identity in Quebec • Imagining Modernity: Creative Writing

Year 3 Year abroad: Written Assignment

French and Politics

LR21 BA/FrP4 (four years)

German and Politics

LR22 BA/GePol4 (four years)

Hispanic Studies and Politics

LR24 BA/HSPol4 (four years)

Russian and Politics

LR27 BA/RusPol4 (four years)

Programme description

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. For more information about the year abroad, see www.slif.qmul.ac.uk

Programme outline

The following is modelled on the French and Politics BA but holds for all joint degrees in a language and politics.

Year 1 Core modules: Introduction to Politics • French I • French Foundations • **plus either** Comparative Government and Politics • **or** Introduction to International Relations



Years 2 and 4 Politics options include: British Politics • Global Governance • International Politics of the Developing World • International Relations: Theories and Concepts • Modern Political Thought • Theories of the State, Economy and Society • War and Security in World Politics • Case Studies in Ethnic Conflict: Ireland and Northern Ireland • Electoral Behaviour • Theories of the Self • European Integration and the European Union as a Political System • Select Topics in British Government 1 • Select Topics in British Government 2 • The Politics of Economic Ideas • French Politics • Theory and Practice in Environmental Politics • The Politics of the Post-Colonial Middle East • European Politics: National Identity and Ethnicity • Analysing Public Policy • European Politics: National Identity and Ethnicity • Liberalism, Past and Present • **Core language modules:** French II and French III • **French options include:** Memories of WWII in Literature, Film and Arts • Twentieth-Century French Thought: Values and Violence • French Phonetics and Phonology • The Edutainers: Francophone Children's Literature • Theatre and Conflict: Early Modern French Drama • Proust • Imagining Modernity: Creative Writing • Lovers and Libertines: Eighteenth Century French Fiction • Language and Identity in Québec

Year 3 Year abroad: Written Assignment

Career opportunities

English and a language

As a graduate in English and a foreign language you have been highly trained to value both linguistic precision and cultural contexts. In addition to your excellent communication skills – written and spoken – you have the cultural flexibility that comes from having lived, and perhaps worked, abroad. Our graduates are attracted to directions as diverse as banking, multinational corporations, marketing, PR, sales, management consultancies, the diplomatic service, publishing, the media, teaching, law, computing, library management etc. Each year some of our students go on to study at postgraduate level.

Drama and a language

As a graduate in drama and a foreign language you have a lively range of careers open to you. You will be well prepared to pursue work in a drama-related area, as an actor, director, writer, designer or arts administrator. As a linguist, your fluency and confidence in a foreign language are increasingly recognised as essential skills in the job market. In addition to your excellent communication skills – written and spoken – you have the cultural flexibility that comes from having lived, and perhaps worked, abroad. Our graduates are often attracted to directions as diverse as marketing, PR, sales, management consultancies, publishing, the media and teaching. Each year some of our students go on to study at postgraduate level.

Language and Politics

For a graduate in a language and politics there are plenty of interesting and challenging jobs both within the UK and in the wider European and world marketplace. The UK is short of linguists in a globalised world which depends on effective communication and a multi-cultural awareness. Although fluency and confidence in a foreign language are increasingly recognised as essential skills in the job market, you are not 'just a linguist'. In addition to your excellent communication skills – written and spoken – not only do you have the cultural flexibility that comes from having lived, and perhaps worked, abroad, but also an astute political understanding. Your training in the analysis and interpretation of material as well as in report-writing and team work provide you with a range of transferable skills that an employer can use in whatever field you choose.

Law

Law (LLB/Law)

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Law (LLB/Law2)

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Law and Politics

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English and European Law

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School of Law

FAQs

What is law at Queen Mary?

Pick up any newspaper and it is almost certain that every page will have a story that is directly or indirectly related to the law. Contrary to the impression you might have, law is not just about people suing their local council – nor is it all high-profile criminal cases involving judges, wigs and the drama of the courtroom. It is a subject that covers nearly all aspects of human activity – from the contract you enter into when you buy a chocolate bar in a newsagent to your right to freely express yourself.

At Queen Mary you'll learn about the law of contract, criminal law, land law, tort, constitutional law, property law, EU law... plus jurisprudence (the theory or philosophy of law). Then there's human rights law, international law, medical law and ethics, competition law, commercial law and all sorts of other specialist areas. A law degree is about analysis, attention to detail, argument and communication. It's also about learning the skills to read legal documents, such as Acts of Parliament, EU legislation and case reports. Law is fascinating, relevant and demanding, and gives you an excellent foundation for a legal career, among others.

Why study law?

A law degree is very highly regarded by employers generally – not just those in the legal profession – because it provides a unique approach to problem solving and analysis. Studying law also involves considering the social, political and economic significance of issues, which means you will develop the ability to see the 'bigger picture' and make connections between the seemingly unrelated.

Law is a rigorous academic subject that will give you some valuable attributes, including:

- Communication skills – legal argument involves getting a point of view across fluently and persuasively both orally and in writing
- Clarity of thought – in expression and argument
- Good analytical and critical reasoning skills
- The ability to place an argument in its context and explain complex information clearly
- Research skills using a range of sources
- Lateral thinking and problem-solving skills
- Attention to detail
- Independent thinking.

Why study law at Queen Mary?

We consistently perform well in external university rankings for law. In the *Guardian University Guide 2012*, we are ranked fourth in the UK; and the *Times Good University Guide 2012* ranks us seventh in the UK and third in London. In the 2011 National Student Survey (NSS), 96 per cent of our students expressed overall satisfaction with their course, placing us fourth for law out of 92 universities.

All of our undergraduate programmes are qualifying law degrees and are recognised by the Bar Council and Law Society. You will benefit from the expertise of our staff, many of whom carry out high-profile work advising the United Nations, EU institutions, the Council of Europe, the World Bank, the International Court of Justice in The Hague, NGOs, as well as the British Parliament and foreign governments. (See www.law.qmul.ac.uk/people)

We provide a dedicated pastoral care support system. Each student is allocated an Academic Adviser; in addition, our Graduate Student Advisers (current PhD students) offer support on everything from study skills to managing your finances. (See: www.law.qmul.ac.uk/undergraduate/studentlife)

Our active and successful Mooting Society, will give you the opportunity to take on the role of a barrister arguing legal points in a hypothetical case. The final of the annual competition is judged by a senior member of the judiciary. You will also have the chance to compete in national competitions. In 2011, we won the first English Law Student Association mooting competition, beating teams from across the country, including Oxford, in the final. (See: www.law.qmul.ac.uk/undergraduate/mooting)

We are the only university in London to have an on-site Legal Advice Centre where students advise clients in areas of law such as employment, consumer, property, defamation, personal injury, medical negligence, intellectual property, contract and human rights. The Legal Advice Centre was a finalist for *The Lawyer Awards 2011 Pro Bono Team of the Year* and highly commended for the Best Team of Students Award at the Attorney General's Pro Bono Awards. (See: www.advicecentre.law.qmul.ac.uk)

Our Student Pro Bono Group (described as 'one of the best' student pro bono groups in the country) has over 270 members. 'Pro Bono' means work done for the public good without compensation. As students develop their skills and legal knowledge, they are able to become involved in increasingly challenging and hands-on projects. For more information, see www.law.qmul.ac.uk/undergraduate/probono

Entry requirements

Each year we receive many more applications than the number of available places. Therefore we cannot guarantee to make you an offer even if you have, or are predicted to achieve, the specified grades. We treat every application on a case-by-case basis and do appreciate that students may have a combination of qualifications and experience. Please contact us if you have any queries.

A/AS-levels	<p>Tariff/Grades requirement: LLB, LLB English and European Law: A*AA (GCE A-level); BA Law and Politics: AAA (GCE A-level).</p> <p>Additional information: GCE AS-level acceptable only when combined with other qualifications.</p> <p>Excluded subjects: General studies, critical thinking.</p>
Vocational or applied A-levels	<p>Acceptability: Acceptable only when combined with other qualifications.</p>
Cambridge Pre-U	<p>Conditional offers will be set on an individual basis but are likely to include three Pre-U Principal Subjects with grades of D3 D3 D3</p>
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with other qualifications.</p> <p>Subjects and grades required: Overall Double Award DD.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: Overall DDD.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: Minimum of 36 points overall and at least 6,6,6 at Higher Level.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: Minimum of 80-85 per cent.</p>
Access to HE Diploma	<p>We will hold all UCAS applications until January before drawing up a shortlist based on the information in the UCAS form about your pre-Access experience, academic record, personal statement and academic reference. In February/March we shortlist candidates and may request an updated academic reference. A shortlisted candidate may be invited for interview and/or further assessment. Offers are made on the basis of the information supplied at the time of interview and are conditional on achieving a minimum of 60 credits with at least 45 level 3 credits at Distinction (the Department may also specify level 3 subjects in which we require a Distinction).</p>
Other qualifications	<p>The School of Law welcomes applications from those holding qualifications not listed above. Staff in the School of Law will be happy to advise you as to the acceptability of your qualification. email: law-admissions@qmul.ac.uk Tel: + 44 (0)20 7882 3924</p>
European and international qualifications	<p>The University accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.law.qmul.ac.uk/undergraduate/admissions/ www.qmul.ac.uk/international/countries/index.html</p>
LLB Senior Status – Two year LLB for graduates	<p>Grade requirement: Minimum 2.1 degree or equivalent.</p>

Key facts

Assessment

The LLB, Senior Status LLB, English and European Law LLB and the law components within the BA Law and Politics programme are mainly assessed by examination, though some of the option modules have elements of coursework. In the final year of all the law programmes, there is the option to research and write a dissertation on a legal topic in place of a taught module. The politics modules within the BA Law and Politics degree are assessed through a mixture of examinations and coursework.

Our teaching

First year students studying for an LLB or BA Law and Politics 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. Students studying on the Senior Status LLB will generally have 15 hours of contact time per week.

Admissions

Decisions are based on the UCAS application as a whole. We pay close attention to a candidate's academic profile, the quality of the personal statement and academic reference. We do not normally interview candidates. Queen Mary does not currently require applicants for the undergraduate law courses to sit the National Admissions Test for Law (LNAT) test. The academic and other information that applicants provide enables us to make our selection. We regularly review our position on the LNAT, and our admissions policy may change in the future.

Further information

Bursaries

The School of Law offers a number of undergraduate bursaries (scholarships) in recognition of academic potential and excellence. They are usually worth £1,000 per year. All new law undergraduates can apply for a bursary when they enrol in September. School of Law bursaries are awarded on the basis of academic excellence and potential contribution to the College. The bursaries may be renewed at the discretion of the Bursaries Committee.

Open Days

Members of the School of Law staff are present at the Queen Mary, University of London Open Days, which are held in the spring and autumn terms. The School of Law Undergraduate Open Days are by invitation only for applicants holding offers with Queen Mary and are held several times a year.

Further information

For further information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions and Recruitment Office.
Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk

For any other enquiries, please contact the School of Law.
Tel: + 44 (0)20 7882 3924
email: law-admissions@qmul.ac.uk



Law

Degree programmes



Law

M100 LLB/Law (three years)

Programme description

The traditional LLB is a three-year programme. It includes compulsory course modules in the first and second year: property, trusts, contract, criminal law, tort, constitutional and administrative law and EU law. These satisfy Bar Council and Law Society professional requirements for foundations of legal knowledge and skills. From these strong foundations, you are in a good position to choose from a wide array of modules for your second and third years.

Programme outline

Year 1 Public Law • Elements of Contract Law • Law of Property I • Criminal Law

Year 2 Law of the European Union (half-module) • Administrative Law (half-module) • Tort Law • Law of Property II • Plus one full or two half-modules from the list below

Year 3 Jurisprudence and Legal Theory • Plus three modules or a combination of full/half modules totalling three. Module options include: Commercial Law (final year only) • Company Law (final year only) • Competition Law • Criminology (also available as a half-module) • Dissertation • Cyberspace Law • EU Justice and Home Affairs • European Comparative Law (also available as a half-module) • Family Law • Intellectual Property • International Commercial Transactions • International Environmental Law • International Human Rights • Labour Law • Law and Globalisation • Law and Medical Ethics (final year only) • Law of Evidence • Law, Modernity and the Holocaust • Media Law (final year only) • Modern Legal History • Public International Law • Revenue Law • United Kingdom Human Rights. Half-modules include: Democracy and Justice • EU Justice and Home Affairs • European Legal Systems • Comparative Law and European Integration • Law

and Literature: The Foundations of Law • Law and Literature: Justice in Crisis • Law, Justice and Ethics

Law

M101 LLB/Law2 Senior Status (two years)

Programme description

This is a two-year LLB programme for advanced students (those with a degree in another discipline). It is primarily designed for graduates who wish to obtain a qualifying law degree but will also be of interest to those non-law graduates who have an interest in reading law as a second academic degree.

Programme outline

Year 1 Public Law • Elements of Contract Law • Law of Property I • Criminal Law • Law of the EU (half-module)

Year 2 Administrative Law (half-module) • Tort Law • Law of Property III • Plus two modules or a combination of full/half modules totalling two. Module options include: Commercial Law (final year only) • Company Law (final year only) • Competition Law • Criminology (also available as a half-module) • Dissertation • Cyberspace Law • EU Justice and Home Affairs • European Comparative Law (also available as a half-module) • Family Law • Intellectual Property • International Commercial Transactions • International Environmental Law • International Human Rights • Labour Law • Law and Globalisation • Law and Medical Ethics (final year only) • Law of Evidence • Law, Modernity and the Holocaust • Media Law (final year only) • Modern Legal History • Public International Law • Revenue Law • United Kingdom Human Rights. Half-modules include: Democracy and Justice • EU Justice and Home Affairs • European Legal Systems • Comparative Law and European Integration • Law and Literature: The Foundations of Law • Law and Literature: Justice in Crisis • Law, Justice and Ethics



STUDENT PROFILE



**Joe
McDonald**

LLB Law

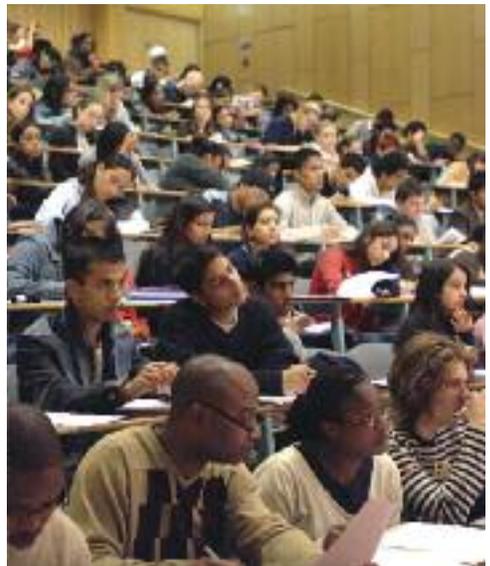
“When I applied, the Department of Law at Queen Mary was one of the best in London for the quality of teaching and research – since then it has only increased in quality. I

also loved the idea of studying and living in London, and as the only campus-based university in the centre Queen Mary was the perfect choice.

“The campus has numerous places for socialising, whether you want a coffee, snack, meal or a pint. Even better, if you step outside campus you are venturing into one of the coolest parts of London with Hackney, Shoreditch and Bricklane – for a curry and a cocktail – all nearby. And with the new Westfield shopping centre at Stratford even your retail therapy needs are met.

“I am on the committee for the Bar Society, which has been a great experience and allowed me to see the high-flying world of barristers in London first hand. I am also captain of the 1st XV Rugby team who have been really successful.

“One of my most memorable experiences here was going to dinner at one of the Inns of Court where we were seated with many senior barristers and judges. There were lots of very interesting traditions as part of the meal.”



Degree programmes

Law and Politics

ML12 BA/LawPol (three years)

Programme description

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 side by side in a three-year programme. In the first year, you take Public Law and the Law of Contract, together with Introduction to Politics and another full option within the School of Politics and International Relations. The programme is designed so that you could, by choosing the appropriate law options, obtain the usual exemptions from legal professional examinations, or alternatively you could focus on subjects in the School of Politics and International Relations. 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.

Programme outline

Year 1 Public Law • Elements of Contract Law • Introduction to Politics • and either Comparative Government and Politics or International Relations since 1914

Year 2 Students wishing to graduate with a qualifying law degree: Law of the European Union (half-module) • Administrative Law (half-module) • Law of Property I • Criminal Law • One module from Politics.

Non-qualifying: Law of the European Union (half-module) • Administrative Law (half-module) • Three modules from Law or Politics of which one full module must be from Politics

Year 3 Students wishing to graduate with a qualifying law degree: Tort Law • Law of Property III • One module from Law and one module from Politics

Non-qualifying: Four option modules from either Law or Politics. Students must do at least one module from Law and one module from Politics.

For more information on the School of Politics and International Relations, see page 246.

Graduate profile: Frances Ridout



Studied: LLB - graduated 2006

Currently: Criminal law barrister at 15 New Bridge Street Chambers

How did you find out about your current job?

I spent a number of years applying for a criminal pupillage and after some disappointment was lucky enough to receive an offer, shortly after completing my bar qualifications.

How did your time at Queen Mary prepare you for work?

While at Queen Mary I was able to undertake a lot of pro-bono work. This helped me properly understand the role of a lawyer in practice, not just in theory. In addition, my course challenged me and ensured that I knew what hard work was!

What does your current job involve day-to-day?

I am in court on a daily basis representing defendants in the Magistrates' and Crown Courts. My work involves smaller hearings as well as trials and written advice. I often work late into the evening because papers (and cases) can be allocated late the day before.

What are your most and least favourite aspects of your job?

The best aspect of my job is that no two days are even remotely the same. Every morning my commute is to a different court and each brief requires different skills. I enjoy the challenge that this inevitably presents. I am now not sure how I would ever cope if I were to be given a desk job! But the long hours and last-minute nature of the work can be exhausting.

Career opportunities

Law

Our success is founded on attracting the best students and nurturing their talent. We therefore aim to enable you to become the best you can be, both professionally and personally. The School of Law is not only committed to delivering the highest quality academic experience. We also work to facilitate a breadth of extracurricular activity that supports your professional and personal needs. We offer career development opportunities to students via our student societies and Legal Advice Centre in partnership with law firms such as Reed Smith, Field Fisher Waterhouse, Mishcon de Reya and Nabas Legal.

When you arrive, you will meet the Law School's dedicated Careers Adviser, part of the Queen Mary Careers Team, who is regularly available in the department for one-to-one support. The Law Adviser also manages Careers Brief (www.law.qmul.ac.uk/careers), the School's careers website, and arranges employer workshops in areas such as commercial awareness, applications, interview skills and choosing the right LPC and BPTC provider.

Workshop highlights for 2011/12 include:

- Applying for training contracts and vacation schemes – a panel discussion with representatives from Charles Russell, DLA Piper and Reed Smith
- Online testing workshop led by the Government Legal Service

- Assessment centre training led by Clifford Chance
- Interview skills
- Commercial awareness workshop led by Freshfields
- Barristers networking evening – various chambers represented
- Alternative legal careers 'speed meet'

Every autumn, students from the School of Law have the chance to meet staff from leading law firms and law colleges at the Queen Mary Law Fair. Details of the October 2011 Fair, including exhibitors, can be found at www.law.qmul.ac.uk/careers

Of course, not all law graduates decide to pursue a legal career. Some students pursue postgraduate study, or take up highly successful, well paid non-legal careers in academia, accountancy, banking and finance, management consultancy, public administration and the civil service. As well as its specialist law events, Queen Mary Careers runs over 60 events throughout the year, to give you an insight into other career options. You can book an appointment with a professionally trained careers adviser for advice on finding internships, applications and interviews – in any field. Explore your options in the Careers Information Room and on the QMJobOnline vacancy site which lists 700+ vacancies. All careers services are free of charge throughout your studies at Queen Mary. To find out more, visit www.careers.qmul.ac.uk



Graduate profile: Andy West



Studied: Law LLB, graduated July 2010

Currently: Pre-trainee solicitor, Berwin Leighton Paisner (BLP) LLP

Why did you choose Queen Mary? I was keen to find a university with high standards of teaching and a wide range of extracurricular activities. Law at Queen Mary

was praised both in terms of the teaching and research quality, and also offered excellent facilities for getting involved outside the classroom. For example the pro bono opportunities at the university far outstripped those available at the other universities I considered. Also, being located in London allowed me to garner experience in different areas of the legal sector in my free time which helped me to choose the career I wanted to work towards after graduation.

How did you find out about your current job?

I worked with solicitors from BLP through the Queen Mary Student Pro Bono Group, both as an advisor and in my various roles in the Group Committee throughout my time at Queen Mary. The Queen Mary Law Fair gave me an opportunity to speak to Graduate Recruitment staff from BLP and I attended open days and a work placement before accepting a training contract offer from the firm.

What does your current job involve day-to-day?

The LPC offers a bridge between academic legal study and practicing as a solicitor, so at present I am working on learning procedural rules, and learning techniques and approaches to applying law in practice rather than academically.

What can current students do to prepare for getting a job in your area?

I think the most important thing for aspiring solicitors is probably to concentrate on broadening their experience – both in the legal sector and elsewhere. Experiences from part-time work, extracurricular activities and legal work experience are all valuable. Being able to express what skills you have developed from different experiences is as vital as doing the experience itself in terms of securing a job. Studying hard and getting good academic results is also a pre-requisite, though!

English and European Law

M120 LLB/LawEu4 (four years)

Programme description

This programme follows the same pattern as the traditional LLB (M100). However, the third year is spent studying at a European university. This will provide you with knowledge and understanding of civil law systems generally and the law of at least one EU country. We have links with universities in Paris, Toulouse, Bologna, Madrid, Berlin, Sienna, Copenhagen, Leuven, Utrecht and Leiden. If you wish to study at an institution that does not teach in English you must have fluent language skills and be prepared to take language classes provided by the College.

Programme outline

Year 1 Public Law • Elements of Contract Law • Law of Property I • Criminal Law

Year 2 Law of the European Union (half-module) • Administrative Law (half-module) • Tort Law • Law of Property II • Plus one full or two half-modules from the list below

Year 3 Year abroad: written assignments or unseen examinations

Year 4 Jurisprudence and Legal Theory • Plus three modules or a combination of full/half modules totalling three. Module options include: Commercial Law (final year only) • Company Law (final year only) • Competition Law • Criminology (also available as a half-module) • Dissertation • Cyberspace Law • EU Justice and Home Affairs • European Comparative Law (also available as a half-module) • Family Law • Intellectual Property • International Commercial Transactions • International Environmental Law • International Human Rights • Labour Law • Law and Globalisation • Law and Medical Ethics (final year only) • Law of Evidence • Law, Modernity and the Holocaust • Media Law (final year only) • Modern Legal History • Public International Law • Revenue Law • United Kingdom Human Rights. Half-modules include: Democracy and Justice • EU Justice and Home Affairs • European Legal Systems • Comparative Law and European Integration • Law and Literature: The Foundations of Law • Law and Literature: Justice in Crisis • Law, Justice and Ethics



STUDENT PROFILE

Holly Thomas

Law LLB

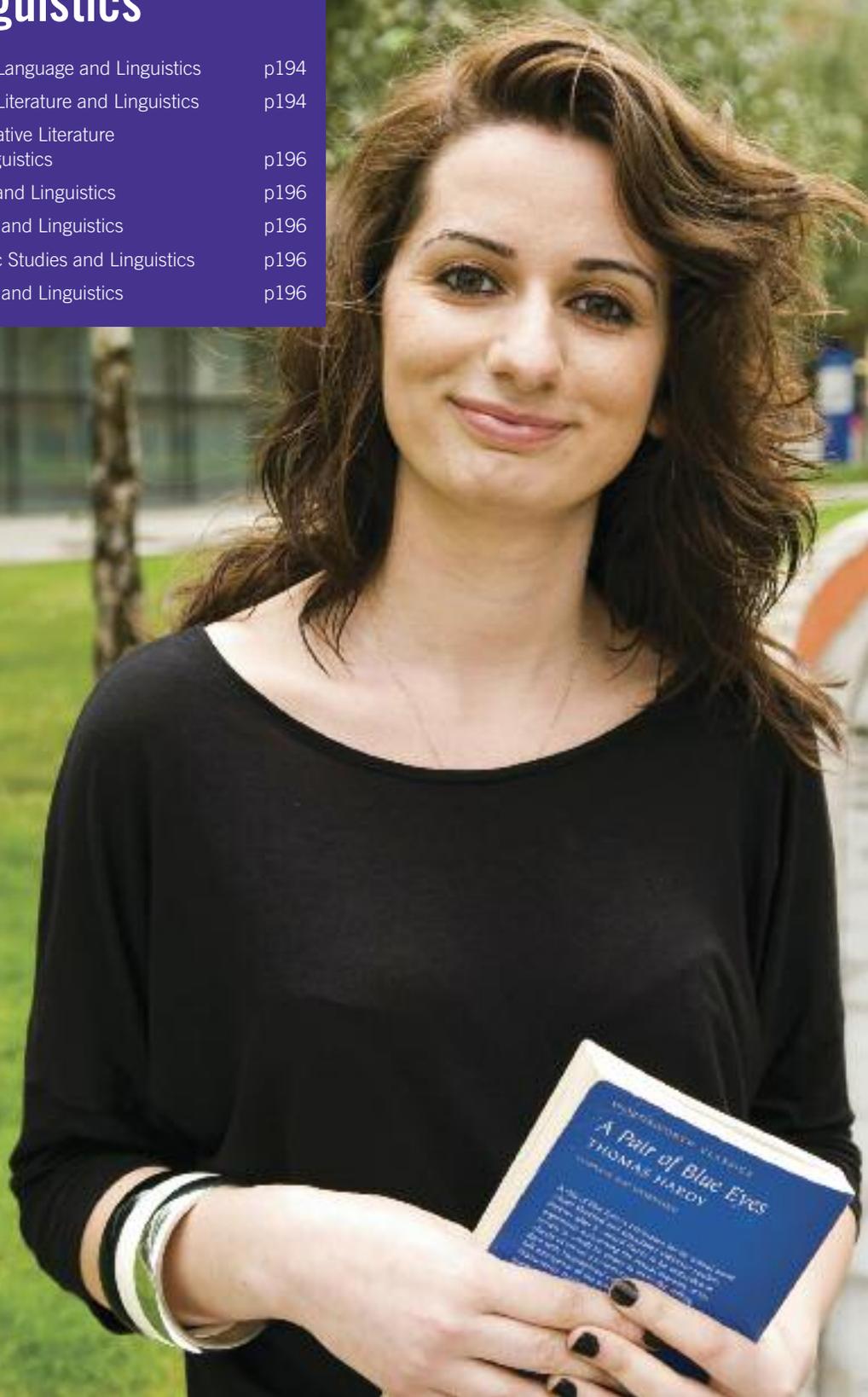
"I made my mind up about choosing Queen Mary when I visited the campus for the first time. As I was walking around I really felt that I could spend an important part of my life studying and living here. Besides that, Queen Mary has a fantastic reputation for academia and research.

"The best thing about my course is that the people who are teaching us about the fundamentals of our legal system are actually playing a key role in it day-to-day.

"I am part of the netball team and my first year would not have been the same without it. It was a fantastic way of making new friends very early on. The best thing about Queen Mary is that there is no quintessential type of student. It is one of the most diverse environments that I have ever been in and there is a place for everyone. And because we are on a campus it is easy make friends with people on other courses."

Linguistics

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School of Languages, Linguistics and Film

FAQs

What is linguistics at Queen Mary?

Linguistics is the study of all aspects 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, even how we think about things, are inextricably tied up with language. As a linguistics student you could find yourself doing some very varied, and unusual, 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? What can I do afterwards?

Quite apart from the fact that it's a fascinating subject, studying linguistics, especially in combination with English or another modern language, will give you a highly desirable collection of key 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, which is a very valuable skill.
- Communication skills – any programme concerned with language, by definition, will develop this ability. You'll also learn to understand how we communicate, which is very useful in professional life.
- 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, a very useful quality.

- 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, and why statistics is useful.
- Adaptability – you'll be constantly learning new systems, so once you graduate you'll be highly flexible in the way you work – nothing will throw you!
- Teamwork – you can do project work in small groups, so you'll get used to working constructively with other people – another important skill in working life.

A huge range of jobs is open for people with a background that includes linguistics: graduates from our department have gone on to work in journalism, the media, publishing, technical writing, human resources, marketing, management consultancy, advertising, public relations, teaching, speech and language therapy, counselling, diplomacy as well as other fields where a sensitivity to language, plus the ability to use evidence, are crucial.

Why study linguistics at Queen Mary?

The Linguistics department at Queen Mary is a young, enthusiastic department, and we are committed to excellent teaching, as well as first-class research. In the most recent Research Assessment Exercise (RAE 2008), we were ranked the top linguistics department in the UK (ahead of Oxford, Cambridge and UCL). More than 80 per cent of our academics are working at a world-leading or internationally excellent level, with staff publishing major books and articles in the field – you may have come across some of them if you studied A-level English Language. All this means that you will be taught by genuine experts, who enjoy passing on their passion and knowledge to you. No wonder 92 per cent of our students said that our courses are intellectually stimulating in the National Student Survey 2011.

Linguistics at Queen Mary also does well in national university rankings: in the *Times Good University Guide 2011* we were placed 3rd in the UK. We are a small, friendly department, so there's lots of interaction between students and staff. Our programmes range from the highly practical (interviewing people about their linguistic backgrounds and attitudes, recording spontaneous conversation) to cutting-edge research (media language and its cultural effects, current theories of language and mind, analysis of spoken language). As well as access to the Queen Mary library with its networked workstations, video facilities, personal laptop points, and books and journals, you also have access to the other libraries of the University of London, including Senate House Library.

Entry requirements

A/AS-Levels	<p>Tariff/Grades requirement: 340 points from three A-levels in any subject (with none lower than a grade B) for the following programmes: QQH1, QQ21 and RQ11. Special attention is paid to English language or other modern or classical language A-level grades. For all other programmes: 320 points from three A-levels in any subject (with none lower than a grade C). We may also consider applicants who gain the correct tariff point score from two A-levels and two AS-levels in relevant subjects.</p> <p>Additional information: Minimum A at A-level in English language, or English language and literature for BA English language and linguistics. Minimum A in English literature for BA English literature and linguistics. Preferably B at A-level in the chosen language for degree programmes in a language other than English and linguistics, eg French and linguistics. You may study a language without having studied it before (except for French where you must possess an A-level or equivalent), provided that you have a proven ability in a foreign language. If you are studying Russian from beginners level you will undertake a preliminary year of Russian language. Applicants whose first language is not English must obtain a grade B in GCSE English language or equivalent, or will be required to have IELTS 7 (with grade 7 in writing).</p> <p>Excluded subjects: General studies and critical thinking.</p>
Vocational or applied A-Levels	<p>Acceptability: Acceptable when combined with other qualifications.</p> <p>Additional information: Applications are considered individually, so each set of qualifications will be assessed for its relevance to the programme concerned.</p>
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with other qualifications.</p> <p>Subjects and grades required: Overall Double Award DD plus an additional qualification. All BTEC subjects will be considered depending on their relevance to the degree programme you are applying for.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable on its own and combined with other qualifications. DDD for the following programmes: QQH1, QQ21 and RQ11.</p> <p>Subjects and grades required: For all other programmes, overall DDM. All BTEC subjects will be considered depending on their relevance to the degree programme you are applying for.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: Overall 34 points for the following programmes: QQH1, QQ21 and RQ11 with at least 6 in English at higher level. RQ11 additionally requires a 6 in French at higher level. For QQ13: overall 36 points. For all other programmes: 32 points overall • With at least 6 in a language and in English • With at least 6 in English for combinations not including a modern language.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: Overall 80% with 80% in English for the following programmes: QQH1, QQ21 and RQ11. RQ11 additionally requires 7/10 in French. For all other programmes: overall 77 per cent with a good pass in a foreign language and in English.</p>
Access to HE Diploma	<p>Achieve Access to HE Diploma including distinction in at least 24 Level 3 credits, and merit in at least 12 Level 3 credits. <i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification. Flexibility shown for mature students.</p>

Key facts

Assessment

Assessment of linguistics work takes a variety of forms, including diaries of your own research, poster presentations, class tests and exams. Some modules include specialised research projects (group or individual) where you go out and do real linguistic research, while others let you tackle the hot debates of the discipline.

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 (as long as your grades have been at 2.1 standard or above in the first and second years).

For more information about how specific modules are assessed, see: www.slif.qmul.ac.uk/courses

Our teaching

You will typically have 8-10 hours of teaching per week, plus group and individual work outside class. Class sizes vary from intensive small groups in the final year to larger lectures in the first year. All members of staff have office hours where students can come for one-to-one discussions with their tutors.

Admissions

Admission is by UCAS form. Transfer or mature applicants may be invited for interview or asked to produce a piece of written work. An offer is usually followed by an invitation to one of our post-application open days.

Further information

For enquiries relating to English Language and Linguistics, a language (other than English) and Linguistics, or Comparative Literature and Linguistics, please contact:

Administrator (UG Admissions)
School of Languages, Linguistics and Film
Tel: +44 (0)20 7882 8331, Fax: +44 (0)20 8980 5400
email: slif-ug@qmul.ac.uk

For further information on English Literature and Linguistics, including descriptions of individual modules, visit: www.english.qmul.ac.uk

You can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions and Recruitment Office. Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international



STUDENT PROFILE

Aurela Tusha

English Literature and Linguistics

"I visited Queen Mary on an open day and liked the atmosphere. I felt comfortable and welcomed, and that was a big part of the reason I chose to come here.

"I would rate the College very highly, and hope it continues to offer such a quality learning environment. The teaching is refreshing and innovative. There is always somewhere on campus where you can go and work, read, study as a group and so on. My favourite place has to be by the canal – the view is stunning.

"I would find it hard to categorise a Queen Mary student because the student body is so versatile. I guess if I had to pick one word I would use 'unique'."

Linguistics

Degree programmes

English Language and Linguistics

QQH1 BA/EngILL (three years)

Programme description

This programme gives you the analytical skills and deep knowledge of language that you gain from studying linguistics, plus the chance to do hands-on work collecting data and analysing it. 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.

Programme outline

Year 1 Foundations of Linguistics • Sounds of English • Language in the UK • English in Use • Languages of the World • Introduction to Phonology • Introduction to English Syntax • Introduction to Sociolinguistic Variation

Year 2 **Three core modules chosen from:** Aspects of Meaning • Sociolinguistic Variation and Change • Explaining Grammatical Structure • History of English • **Options include:** Ethnography of Communication • Describing Prosody • Language and the Media • The Linguistics of Storytelling • Language and Mind • Historical Linguistics • Language Acquisition • Language and Ethnicity

Year 3 Research Methods in Linguistics • Research Project in Linguistics • **Options include:** Formal Semantics • Structures of Spoken Language • Language and Life in London • Dialect Syntax • Bilingualism • Syntactic Theory • Less Familiar Languages • Philosophy of Language • Pidgins and Creoles • Sex, Gender and Language • Experimental Linguistics

English Literature and Linguistics

QQ13 BA/EL (three years)

Programme description

A deep knowledge of the English language is crucial in today's information-laden world, from the media and technology, to understanding the historical roots of our culture. This programme is designed for people who are 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, uniquely, combines the social sciences perspective with that of the humanities, giving you a solid training in both ways of thinking about the world.

Programme outline

Year 1 **Linguistics core module:** Foundations of Linguistics • **English Literature core module:** Reading, Theory and Interpretation • **Options include:** Sounds of English • Language in the UK • English in Use • Introduction to Sociolinguistic Variation • Languages of the World • Shakespeare • Poetry: A Basic Course • Literatures in Time: Texts and Contexts from the Eighth to the Sixteenth Century

Year 2 **Options include:** Argument and Address • Postcolonial Literatures in English • Representing London: The Eighteenth Century Text, Art and Performance in London • Modern Jewish Literature • Explaining Grammatical Structure • Aspects of Meaning in Language • Language and Mind • Language and the Media • Language and Ethnicity • Linguistics of Storytelling



Career opportunities

English Language /

English Literature and Linguistics

These degrees are unique in their combination of social scientific and humanistic perspectives on language and linguistics, giving you a solid training in these two ways of problem solving and of thinking about the world. Employers appreciate the analytical skills and systematic understanding of communication that a degree in this area gives you. You will be extremely well placed to become teachers of English Language and/or Literature, especially given the developing national curriculum. You will also have skills suitable for work in journalism and the media more generally, as well many other areas of work which depend on sensitivity to linguistic (and particularly English-related) issues. Examples include: management; teaching English as a foreign language (TEFL); radio and TV production; marketing, including branding and advertising strategy; public relations and communications; human resources; publishing, both traditional and IT; research and academia, and many more.

Linguistics and a Language

A degree combining linguistics and a foreign language offers plenty of scope in terms of careers. The emphasis on communication and language analysis in a linguistics degree gives you special skills in logical thinking and systematic analysis as well as key insights into the factors underlying successful communication. Together, the two disciplines train you in the analysis and interpretation of material, in project design and management, in teamwork, as well as equipping you with a diverse range of writing and presentation skills that employers in any field will value. Potential careers include directly linguistics-related fields such as speech and language therapy, language forensics, and counselling. More generally, our graduates are attracted to directions as diverse as banking, multinational corporations, marketing, public relations, sales, management consultancy, the diplomatic service, publishing, the media, teaching, law, computing, library management, social work etc. Each year some of our students go on to study at postgraduate level.

Year 3 You can take either an English dissertation, or the Research Methods in Linguistics and Linguistics research project • **Further options include:** Structures of Spoken Language • Sex, Gender and Language • Pidgins and Creoles • Syntactic Theory • Bilingualism • Formal Semantics • English Dialect Syntax • Philosophy of Language • Thomas Hardy and the Victorian Modern • Caribbean Writing in the Twentieth Century • Poetic Ideology and Practice in English Romanticism • Variation and Change in the English Language

Degree programmes

French and Linguistics

RQ11 BA/FrLing (four years)

German and Linguistics

RQ21 BA/GeLin4 (four years)

Hispanic Studies and Linguistics

RQ41 BA/HSLin4 (four years)

Russian and Linguistics

QR17 BA/RusL4 (four years)

Programme description

Linguistics looks at the structure and sound systems of language, how grammar and meaning relate, how dialects work and more. Each year, for your chosen language, you take all the core modules in the spoken and written language. In your first year you begin with a foundation programme which gives you an overview of the field and you will also choose options covering the culture associated with your chosen language (for more details about the range of modules available, see the single language entries). In your second and final years for both linguistics and your chosen language area, you select more specialist modules, depending on your year of study. You can also choose to concentrate on a research project in your final year. You usually spend the third year abroad, either studying at one of the universities we have a partnership with, or taking up a work placement, for example as a school language assistant in a country where the language you are studying is spoken. This offers a great opportunity to get first-hand experience of life in a foreign place, as well as improving your language skills. For more details about the year abroad see www.slif.qmul.ac.uk

Programme outline

The example below is for the French and Linguistics BA but similar pathways exist for other languages with linguistics.

Year 1 Foundations of Linguistics • French I • French Foundations • **Options include:** Out of Africa • Paris in Art • Brief Encounters: Short Stories and Tall Tales • Identities in Contemporary France • Language in the UK • Languages of the World • Language Acquisition

Year 2 French II • **Options include:** Aspects of Meaning in Language • Explaining Grammatical Structure • The Linguistics of Storytelling • Language and Media • Language and Ethnicity • Contemporary

French Cinema (1980s and 1990s) • French Phonetics and Phonology • Art in France: Manet to early Picasso • Thought in France

Year 3 Year abroad: Written Assignment

Year 4 French III • **Options include:** Ethnography of Communication • Bilingualism • Philosophy of Language • Pidgins and Creoles • Advanced Oral Competence in French • Early Modern French Thought II: Psychology and Ethics • Language and Identity in Québec • Surrealism • New Women's Writing in French • Advanced Oral Competence in French • Proust

Comparative Literature and Linguistics

QQ21 BA/CLL (three years)

Programme description

You 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 alongside modules focusing on particular aspects of both subjects. Advanced options in second and final years permit you to concentrate on the areas of literature and linguistics that interest you the most.

Programme outline

Year 1 Introduction to Literature: Texts and Context • Introduction to Comparison • The Scene of Teaching • Foundations of Linguistics • English as a Global Language • **Options include:** Languages of the World • Language in the UK • English in Use • Introduction to Sociolinguistic Variation • Language Acquisition • Brief Encounters: Short Stories and Tall Tales • The Opposite of Science: How to do Things with Poems

Year 2 The Scene of Reading • **Comparative Literature options include:** Art and Revolution • Approaches to Fairy Tales • Literature and Philosophy • **Linguistics options include:** The Linguistics of Storytelling • Language and Ethnicity

Year 3 The Scene of Writing • Comparative Literature or Linguistics Research Project • **Further options include:** Faust in Legend, Literature and the Arts • Poetry and Poetics of Resistance • Touch and Read: The Five Senses in Literary Modernism • Formal Semantics • Ethnography of Communication • Structures of Spoken English • Bilingualism • Sex, Gender and Language



Career opportunities

Comparative Literature and Linguistics

The analytical, close reading, writing, presentation and teamworking skills that you will develop on this programme are highly transferable to the professional market place. Comparative Literature and Linguistics graduates are particularly well equipped for careers in publishing, education, the arts, journalism and the broadcast media.

STUDENT PROFILE

Beren Ashton-Butler

English Language and Linguistics

"Queen Mary has an excellent reputation as a research intensive institution, and the campus environment it offers made it the ideal choice for me. Overall, the facilities, lecturers and opportunities available to students provide a stimulating experience during what is an important period of life. The fact that it was located in a vibrant and affordable area of London was a bonus too!

"Mile End is an up-and-coming area with the famous Brick Lane and trendy Shoreditch just minutes away by bus. As an institution, Queen Mary offers loads of external events for students, making full use of the nightlife on offer in the capital and with the Olympics, the entire East End is being rejuvenated with greener spaces and fitness parks for everyone to enjoy.

"My favourite place on campus is Qmotion, the College gym. It's a great place to unwind, de-stress and it's almost impossible to avoid as it is so close to the accommodation. The instruction there is very high and the facilities are suitable for loads of sporting activities."

Materials

Materials Science and Engineering p202

Sustainable Materials and Engineering p202

Dental Materials p204

Medical Materials p204



School of Engineering and Materials Science

FAQs

What is materials science at Queen Mary?

Materials science is one of the oldest sciences, with its roots in the study of alchemy – the attempt to transform base metals such as lead into gold. Today, the study of materials science incorporates all engineering disciplines – mechanical, aerospace and electrical – as well as maths. Have you ever wondered how the A380 aircraft stays in the air, how a Formula One car can weigh so little, why your mobile phone contains over 60 types of materials or how your touch screen stays clean? If these questions awaken your curiosity, then you may well find some answers in the study of materials science.

Why study materials science? What can I do afterwards?

Materials scientists seek to develop the new products and technologies that will make our lives safer, and more convenient, enjoyable and sustainable. Materials are evolving faster today than at any time in history, enabling scientists and engineers to improve the performance of existing products and to develop innovative technologies that will enhance every aspect of our lives. Materials science has become a key discipline in the competitive global economy and is recognised as one of the technical disciplines with the most exciting career opportunities. Materials science is the study of the structure, properties and behaviour of all materials, the development of processes to manufacture useful products from them, and research into recycling and environmentally friendly disposal.

As well as technical knowledge, materials science graduates acquire a wide range of transferable skills, which further enhance their employment prospects. In particular:

- group working and leadership skills
- presentation skills
- IT skills
- research and experimental skills, developed during the third-year projects.

Graduates may go on to work directly with materials, for example, as a materials engineer identifying the best materials for use at all stages of a manufacturing process. Other potential careers include: metallurgist; research scientist; technical engineer; biomedical engineer; manufacturing systems engineer; and patent examiner. (Source: www.prospects.ac.uk)

Why study materials science at Queen Mary?

Queen Mary has been at the forefront of materials science research and teaching for over 40 years, running one of the most well-established materials programmes in the country. In the last Research Assessment Exercise (RAE 2008), we were ranked in the top-ten materials science departments in the UK. Our degree programmes provide the opportunity to specialise in areas such as medical and dental materials, sustainable materials engineering and materials in design. You will be taught by leaders in the field 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.

In the most recent National Student Survey (NSS 2011), 93 per cent of our students expressed overall satisfaction with their course, the highest rating for this subject area in the country. In addition, 95 per cent of students said that staff were good at explaining things; 93 per cent that as a result of the course they felt more confident tackling unfamiliar problems; and 90 per cent that the course has helped them present themselves with confidence.

Materials science staff have extensive contacts with major industrial companies and there is constant interaction between industry, research and our undergraduate teaching. The degree programmes include industrial visits and you are encouraged to seek vacation placements in industry. We also encourage employers to provide real design case studies to enrich the curriculum. Recent case studies were sourced from Bridgestone, DePuy, ApaTech, Artis, Corus, BAE, dstl and Rolls Royce.

Programme content is primarily determined by our Industrial Advisory Board and all our BEng and MEng programmes are accredited by The Institute of Materials, Minerals and Mining. This means that the Institute regularly check that our facilities, modules and staff are of a standard suitable to prepare students to work in industry.

All our programmes are available with an option to spend a year in industry, normally after the second year of study. A year in industry will help to develop your communication, problem solving and team working skills and will enable you to see the theoretical side of your studies applied in practice. The School's strong links with industry mean that we can help you find a suitable placement.

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: For MEng programmes the minimum offer is 360 points and for BEng and BSc it is 300 points from three A-Levels. Offers vary based on subjects and experience.</p> <p>Excluded subjects: General studies and critical thinking.</p> <p>Additional information: Subjects include two from maths, chemistry, biology and physics. At least one of these subjects must be at minimum grade B.</p>
Advanced Diplomas	<p>Acceptability: The School of Engineering and Materials Science welcomes applications from students with the Advanced or Extended (Level 3) Diplomas in information technology, engineering or manufacturing.</p> <p>Tariff/Grades requirement: BSc and BEng Programmes: Minimum grade B; MEng Programmes: Minimum grade A</p> <p>Additional information: Applicants must also have passed GCE A-level maths, physics or chemistry grade B for all programmes.</p>
Vocational or applied A-levels	<p>One vocational A-level may be offered, or one double award, but applicants must also offer two from maths, chemistry or physics.</p> <p>Additional information: Must be in related subject, eg engineering, science or manufacturing.</p>
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with two A-levels minimum grade B from maths, chemistry or physics.</p> <p>Subjects and grades required: Overall Double Award DD • Must include distinction in maths • Must be in a related subject, eg engineering or science.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable only when combined with an A-Level minimum grade B in maths, chemistry or physics.</p> <p>Subjects and grades required: Overall DDD • Must include distinction in maths • Must be in a related subject, eg engineering or science.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: MEng degree programmes: 36 points overall • BEng and BSc degree programmes: 32 points overall • Must include a minimum of two from maths, physics, chemistry and biology at higher level both with at least 6 points.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 80 per cent including maths and at least one other science subject.</p>
Access to HE Diploma	<p>Applicants will be considered on a case-by-case basis. Please contact the School for guidance.</p> <p><i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.</p>

Key facts

Assessment

All our degree programmes are structured with eight modules per year, split over two semesters. Some modules, such as the research and design projects, count as two or four modules. In the third and fourth years, you select from a range of module options allowing you to tailor your degree to specific areas of interest within your specialist degree programme. Assessment is continuous throughout your degree, with written reports, projects, presentations, group work and exams (exams take place in the summer). There is an individual research project in the third year for all programmes, where you will participate in the internationally recognised research taking place within the School. In the fourth and final year of the MEng degree, students take part in a group design project worth half of the final year.

Our teaching

Course materials are delivered through a combination of lectures, problem-solving classes, laboratory practicals, and a variety of coursework. In addition, problem-based learning plays a significant role in your first and second years. Students undertake two major projects: an individual research project in Year 3 and a group design project in the fourth year of the MEng programmes. The student-led group design projects are frequently sponsored by industry and provide a valuable insight into real-life engineering design and project management.

Admissions

The standard procedure is to apply through UCAS. Once we have received your application, we normally make offers within two weeks. Applicants are then invited to an open day.

Further information

To find out more about our degree programmes and the School, visit: www.sems.qmul.ac.uk

You may also contact the Admissions Coordinator:
Marian Langbridge
Tel: +44 (0)20 7882 8736
email: sems-ugadmissions@qmul.ac.uk

Or call the Enquiries Hotline (UK callers only)
on Freephone 0800 376 1800.

International students should contact
the Admissions Office
Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international



Materials Degree programmes

Materials Science and Engineering

J551 BSc/MSE (three years)

J511 BEng/MSE (three years)

JM11 BEng/MSE (four years with Industrial Experience)

J510 MEng/MSE (four years)

JM10 MEng/MSE (five years with Industrial Experience)

Programme description

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 which embraces a plurality of disciplines and is in demand throughout industry and business. These programmes cover all materials: metals, ceramics, polymers, and composites. This is essential if you wish to work in multi-disciplinary engineering sectors such as automotive or aerospace manufacture, where optimisation of material selection is critical.

Programme outline

Year 1 Mathematics • Properties of Matter • Processing and Applications • Engineering Design Methods • Materials Selection and Mechanical Modelling • **Problem-Based Learning (PBL) Option from:** Exploring Aerospace Engineering • Energy Conversion Systems •

Year 2 Materials Chemistry • Metals • Polymers • Surfaces and Interfaces in Materials • Structural Characterisation • PBL • Principles of Nanotechnology

Year 3 Individual Research Project • Materials Selection in Design • Manufacturing Processes •

Ceramics • Materials Selection in Design • Environmental Properties of Materials • Total Quality Management • **Optional year out working in industry**

Year 4 (For MEng only) Individual Research Project • Advanced Materials Characterization Techniques • Advanced Composite and Functional Materials • Advanced Structure – Property Relationships in Materials

Sustainable Materials and Engineering

HF22BEng/EME (three years)

HF22 BEng/EME (four years with Industrial Experience)

HFF2 MEng/EME (four years)

HF2F MEng/EME (five years with Industrial Experience)

Programme description

To become a sustainable society requires the development of new environmentally safe materials and processing technologies. You will learn about all aspects of materials at different stages of their life: synthesis, production, use, recycling and disposal. You will consider the interaction between the product and the environment and explore some of the critical guidelines and strategies that can be used to improve the environmental and commercial performance of products.

This programme covers the core subject of materials science together with specialised topics in environmental management and economics, environmental politics and law, clean processing, recycling and eco-design, and life-cycle analysis.

Programme outline

Year 1 Mathematics • Properties of Matter • Processing and Applications • Materials Selection and Mechanical Modelling • Global Environmental



Graduate profile: Thomas Poon

Studied: MEng Materials Engineering

Currently: Process Metallurgist responsible for secondary rolled products at

Corus Engineering Steels, Rotherham having completed a two year training programme.

Why did you choose Queen Mary?

I first visited Queen Mary on one of the departmental open days and was impressed by how approachable all the staff were, which created a very open learning atmosphere.

What did you gain from your time at Queen Mary?

My four years at Queen Mary gave me all the necessary skills needed for a career in the steelmaking industry, from the fundamental basics of metallurgy to personal and management skills, which were covered in the wide ranging modules that I took. The key skills that I gained were communication and management skills. These skills have helped me immensely in my current career development.

What are your career plans in the next five years?

I am thoroughly enjoying my time at Corus Engineering Steels and see myself continuing to develop my career here in the foreseeable future. I am currently working towards my CEng by gaining the necessary experience and hope to achieve this goal within the next year.

Career opportunities

Materials Science and Engineering

Many graduates from these programmes go on to work in the engineering materials sector. Recent graduates, for example, have secured work at Corus, making steel as pure as possible, while others are working at Shell on renewable energy projects. About a quarter of graduates go on to complete a higher degree. Others use the transferable skills developed in this technical, numerate degree to secure careers in non-related fields such as finance, banking or consultancy.

Sustainable Materials and Engineering

These degree programmes prepare students to work for a wide range of companies on their green agenda. This involves saving energy, reducing costs and finding viable new material alternatives. Recent graduates have gone into careers which include working in process control at Dubai Aluminium and working on wind energy at Taylor Woodrow.

Issues • Engineering Design Methods • Problem-Based Learning (PBL)

Year 2 Materials Chemistry • Metals • Polymers • Surfaces and Interfaces in Materials • Structural Characterisation • PBL • Environmental Pollution Management

Year 3 Individual Research Project • Materials Selection in Design • Manufacturing Processes • Ceramics • Environmental Properties of Materials • Renewable Energy Materials • **Optional year out working in industry**

Year 4 (For MEng only) Individual Research Project • Advanced Materials Characterization Techniques • Chemical and Biological Sensors • Advanced Structure – Property Relationships in Materials

Degree programmes

Dental Materials

J500 BEng/DM (three years)

JM00 BEng/DM4 (four years with Industrial Experience)

J504 MEng/DM (four years)

JN00 MEng/DM5 (five years with Industrial Experience)

Programme description

Dental Materials is a multi-disciplinary degree programme drawing on all branches of science and combining them with manufacturing technology and design to overcome dental and maxillofacial (relating to the bones of the jaw and face) problems. Dental materials scientists study the relationships between the processing, structure and properties of materials and the interactions of these materials with the tissues of the face and mouth. The dental materials programmes are an exciting part of our suite of medically related degrees. Both the BEng and MEng Dental Materials programmes consist of modules on dental materials, maxillofacial anatomy, biomaterials, and materials structure and properties, and include a final-year project linked to ongoing research at Queen Mary.

Programme outline

Year 1 Properties of Matter • Mathematics • Materials Selection and Mechanical Modelling • Processing and Applications • Clinical Problems in Biomedical Engineering and Materials • Clinical Solutions in Biomedical Engineering and Materials • Problem-Based Learning (PBL)

Year 2 Surfaces and Interfaces in Dental Materials • Medical Physiology • Materials Chemistry • Polymers • Metals • Structural Characterisation • PBL

Year 3 Applied Dental Materials • Medical Physiology • Individual Research Project • Failure of Solids • Manufacturing Processes • Ceramics • Materials Selection in Design • **Optional year out working in industry**

Year 4 (For MEng only) Research Project • Advanced Materials Characterization Techniques • Advanced Structure – Property Relationships in Materials • Nanotechnology and Nanomedicine • Chemical and Biological Sensors

Medical Materials

B892 BSc/MM (three years)

B890 BEng/MM (three years)

B893 BEng/MM4 (four years with Industrial Experience)

B891 MEng/MM (four years)

BV90 MEng/MM5 (five years with Industrial Experience)

Programme description

Medical materials (also known as biomaterials) is the link between technology, science and healthcare. The Medical Materials programmes combine materials design and medical knowledge with core modules in materials science plus specialist modules on clinical applications and materials, physiology, and tissue engineering. You will learn about the structure, properties and processing of materials and how they behave in the human body.

The programmes are designed to satisfy the demands of industry for medical materials specialists with enhanced engineering and design skills. Our graduates therefore possess the necessary skills and expertise to allow them to go on to develop the exciting innovating new materials that will be essential for the future of medicine.

Programme outline

Year 1 Properties of Matter • Mathematics • Materials Selection and Mechanical Modelling • Processing and Applications • Clinical Problems in Biomedical Engineering and Materials • Clinical Solutions in Biomedical Engineering and Materials • Problem-Based Learning (PBL)

Year 2 Surfaces and Interfaces in Biomedical Materials • Medical Physiology • Materials Chemistry • Polymers • Metals • Structural Characterisation • PBL

Year 3 Tissue Engineering and Regenerative Medicine • Medical Physiology • Individual Research Project • Failure of Solids • Manufacturing Processes • Ceramics • Materials Selection in Design • **Optional year out working in industry**

Year 4 (For MEng only) Research Project • Advanced Materials Characterization Techniques • Advanced Structure – Property Relationships in Materials • Nanotechnology and Nanomedicine • Chemical and Biological Sensors

Career opportunities

Dental Materials

These programmes were established to fill a niche role to prepare students for the dental materials sector. Dental materials form a large and profitable part of the healthcare sector with significant job opportunities, for example in the research, development and design of dental prosthetics and implants. Some of our graduates go on to complete a higher degree with a number studying dentistry at graduate entry level.

Medical Materials

Many of our medical materials graduates go on to have careers in the healthcare sector where an array of exciting opportunities exists. For example, recent graduates have gone on to work at companies such as Johnson & Johnson in medical device design and GlaxoSmithKline working on drug release. Some of our graduates go on to study medicine.



STUDENT PROFILE

Samantha Gabriel

Medical Materials

“I love my course because it's very multidisciplinary, with topics in biology, maths, physics and my favourite, physical chemistry. Everything I learn has a practical use in commercial products that people use every day.

“The best things about the course so far have been the problem-based learning activities (like creating a bungee rope and testing it using a melon thrown off from a balcony!); the opportunities to use interesting equipment, such as a scanning electron microscope; and the visits to industrial companies, which were a great chance to network and gather ideas about work experience and my future career.

“It's hard to begin to describe what the best points about the College are. Things which spring to mind are: the campus – I love knowing that all my lecture rooms and facilities will only be five minutes walk away; the wealth of IT facilities and books available; and the helpful lecturers and friendly people. I am so happy that I came to Queen Mary – I can't imagine going anywhere else.

Mathematical Sciences

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School of Mathematical Sciences

FAQs

What is mathematical sciences at Queen Mary?

Mathematical sciences is concerned with finding patterns and solving problems. Every day we encounter patterns, which can be described using mathematics, for example, in numbers, shapes or data. We can use mathematics to identify these patterns, solve problems, inspire new technologies and make informed decisions.

Mathematics is for people who are prepared to think logically and creatively and then explain those thoughts precisely. It is a demanding discipline: finding patterns and solving problems isn't always easy, but discovering the correct answer to a difficult problem is very rewarding.

At university, you will discover a new world of concepts and ideas. You will encounter new kinds of 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 – you will use mathematical skills to extract information from data and draw conclusions. For example you will use statistical design of experiments to test how well medicines work.

Why study mathematical sciences? What can I do afterwards?

You will have many careers open to you and have a high earning potential. During your degree you will develop the following:

- Analytical abilities
- Independent working and time management
- Highly developed numerical skills
- Effective communication skills (you will be expected to write coherently and communicate your results to others)
- The ability to apply mathematical modelling to the real world
- Practical computational skills.

These skills are highly desirable to employers in sectors ranging from business and finance to chemical and materials industries. Further study is also an option – many of our students complete masters or PhD courses. You can find out more about your options at www.maths.qmul.ac.uk/ps/up

Why study mathematical sciences at Queen Mary?

The School of Mathematical Sciences embraces pure mathematics, probability and statistics, dynamical systems and computing. Our degree programmes reflect these research areas and we offer joint degree programmes involving other academic schools, giving you the opportunity to study complementary subjects.

We are one of the largest mathematics departments in the UK, meaning we have experts available to teach a wide range of subjects. We offer:

- Flexibility: in your first year, you will study a set of compulsory subjects, common to many of the degree programmes we offer. As you progress you can choose more specialised modules that reflect your particular interests. This means that you will graduate with a broad foundation in the mathematical sciences, but with the advantage of specialist knowledge.
- Student support: you will have an academic adviser who will guide you through module choices and support you with any academic issues you have. Our Student Support Officer will be able to help with other aspects of university life.
- Focus on employability: we support the development of your employability skills through various projects, including Graduate Attribute Twilight Events, where you will work with students from other departments to solve real-world problems and present your results. See www.maths.qmul.ac.uk/ug/ss
- Careers advice: the College offers a number of careers events aimed specifically at mathematical sciences students – we invite prospective employers to the campus to explain what they look for in graduate employees as well as recent graduates to share their experiences of the world of work (www.maths.qmul.ac.uk/ps/up/careers).

In the most recent National Student Survey (NSS 2011), 84 per cent of students were satisfied overall with the quality of their course, with strong satisfaction rates in relation to assessment and feedback and personal development.

Scholarships worth £3,000 per year of study are available to home students achieving AAA at A-level (or equivalent) who apply to one of the following degrees: BSc Mathematics, BSc Pure Mathematics, BSc Mathematics and Statistics, BSc Mathematics with Psychology, MSci Mathematics or Mathematics with Statistics and put Queen Mary as their firm choice. For full information, see www.qmul.ac.uk/excellencescholarships

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: BSc programmes: 340 points including grade A in A-level mathematics for most BSc programmes. However, if you have a grade B in A-level further mathematics, then we will accept a grade B in A-level mathematics. For GL11 we require AAB at A-level • MSci programmes: 360 points including grade A in A-level mathematics</p> <p>Additional information: The UCAS points should be obtained from three A-levels, or two A-levels and two AS-levels. • General studies may be included in the points total if accompanied by at least two other A-levels • for G1C8 some previous experience of psychology may be advantageous • you must also have at least grade C in GCSE English language, or equivalent.</p>
Vocational or applied A-levels	<p>Up to two vocational A-levels may be offered, or one double award, but applicants must also offer GCE A-level maths. Overall UCAS points total and A-level maths grade as above.</p> <p>Progression, Advanced or Extended (level-3) Diplomas are acceptable for all programmes except GL11 when combined with or including A-level maths. Overall UCAS points total and A-level maths grade as above.</p> <p>Additional information: You must also have at least grade C in GCSE English language, or equivalent.</p>
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with GCE A-level maths.</p> <p>Subjects and grades required: Overall UCAS points total and A-level maths grade as for A/AS-levels.</p> <p>Additional information: You must also have at least grade C in GCSE English language, or equivalent.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable only when combined with GCE A-level maths.</p> <p>Subjects and grades required: Overall UCAS points total and A-level maths grade as for A/AS-levels.</p> <p>Additional information: You must also have at least grade C in GCSE English language, or equivalent.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own or combined with other qualifications.</p> <p>Subjects and grades required: 36 points total including Higher Level mathematics at grade 7.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own or combined with other qualifications.</p> <p>Subjects and grades required: 80 per cent average including 80 per cent in Higher (5-hour) maths.</p>
Access to HE Diploma	<p>Credits required: Distinction in at least 18 credits of mathematics at level 3 and merit in at least another 27 credits at level 3.</p> <p>Additional information: Mathematics based course. This is not accepted for entry onto GL11. <i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.</p>

Key facts

Assessment

The majority of modules are assessed by an examination counting for at least 90 per cent of your marks; the remaining 10 per cent comes from a combination of tests and coursework. Coursework is set weekly or fortnightly and through this you receive regular feedback on your progress, although for most modules it is 'formative' and does not contribute to your total mark. Assessments are written, although project-type modules include a short presentation and may feature an oral examination. A final-year project is compulsory for an MSci programme but not for a BSc programme.

Our teaching

Each year you will normally take eight different modules. The majority are delivered via a combination of lectures and exercise classes. Some modules, such as Introduction to Statistics, have a practical element presented in one of our computer labs.

Admissions

We will make an offer based on your UCAS application and UK-based applicants are invited to visit Queen Mary to give you a chance to meet staff and students, which can help you decide whether to accept our offer. We welcome applicants who have studied a broad mix of subjects from a wide variety of educational backgrounds.

Further information

The School runs a programme of outreach activities to encourage more students to take mathematics at university and we offer advice on applying for higher education. Our website provides a great deal of information for prospective students, including answers to frequently asked questions.

For more information, contact us:
Tel: +44 (0)20 7882 5470
email: maths-ug@qmul.ac.uk
www.maths.qmul.ac.uk

For further information you can also call the Enquiries Hotline (UK-callers only) on Freephone 0800 376 1800. International students should contact the Admissions and Recruitment Office:
Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international

Graduate profile: Shaonee Shome



Studied: BSc Statistics

Currently: I work for global pharmaceutical company Pfizer.

Why did you choose Queen Mary?

I chose the College as it was the only London university to offer a straight statistics

degree. And I liked the fact it was a proper university campus yet still in London.

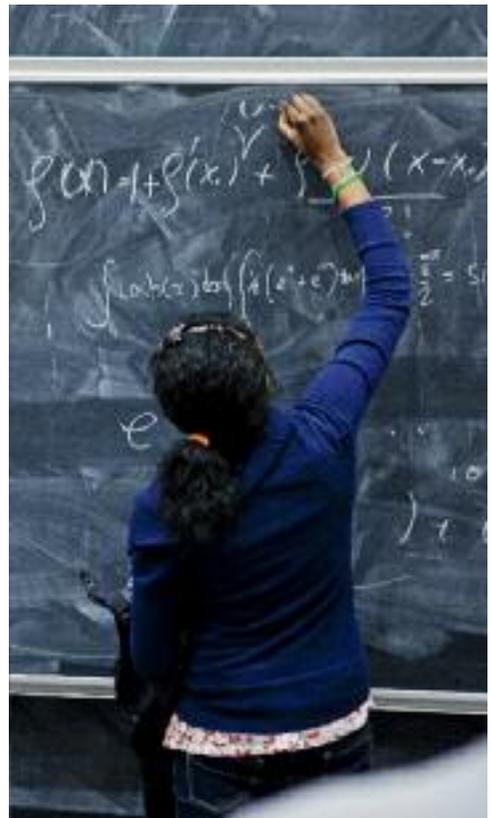
What did you gain from your time at Queen Mary?

I gained a good foundation in statistics to go on to do an MSc and then get a job at Pfizer. I also gathered a great group of friends!

Salary bracket: £35-45,000

What are your career plans in the next five years?

To develop my career as a consultant statistician in the pharmaceutical industry, doing my bit to give patients a better quality of life.



Mathematical Sciences Degree programmes

Mathematics

G100 BSc/Math (three years)

Programme description

You will study a wide range of topics covering pure, discrete, decision and 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 an exceptionally wide range of modules, which reflect our research strengths. Whether you want to specialise in statistics, finance, pure or applied mathematics, our wide range of modules will provide the opportunity.

Programme outline

Year 1 Essential Mathematical Skills • Calculus I and II • Geometry I • Differential Equations • Introduction to Mathematical Computing • Introduction to Algebra • Introduction to Probability • Introduction to Statistics

Year 2 Linear Algebra I • **Options include:** Calculus III • Convergence and Continuity • Dynamics of Physical Systems • Mathematical Writing • Probability Models • Statistical Methods • Algebraic Structures I • Complex Variables • Differential and Integral Analysis • Geometry II: Knots and Surfaces • Statistical Modelling I • Introduction to Numerical Computing

Year 3 **Options include:** Actuarial Mathematics • Algorithmic Graph Theory • Chaos and Fractals • Coding Theory • Combinatorics • Communicating and Teaching Mathematics • Cryptography • Entrepreneurship and Innovation • Introduction to Mathematical Finance • Further Topics in Mathematical Finance • Linear Algebra II • Random Processes • Relativity • Metric Spaces • Number Theory • Oscillations, Waves and Patterns • Mathematical Problem Solving • Third Year Project

Other modules may also be available as options, see www.qmul.ac.uk/modules

Pure Mathematics

G110 BSc/PMat (three years)

Programme description

In this degree programme you will experience the pursuit of mathematics for its own sake and the focus is not necessarily on applications. You will concentrate on algebra, geometry and analysis, building on A-level core and decision mathematics. For over 50 years Queen Mary 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. You may benefit from our European research links, which provide the possibility of studying for a year in another European country (eg France, Germany, Spain or Italy).

Programme outline

Year 1 Essential Mathematical Skills • Calculus I and II • Geometry I • Differential Equations • Introduction to Mathematical Computing • Introduction to Algebra • Introduction to Probability • Introduction to Statistics

Year 2 Convergence and Continuity • Linear Algebra I • Mathematical Writing • Algebraic Structures I • Complex Variables • Differential and Integral Analysis • **Options include:** Geometry II: Knots and Surfaces • Probability Models

Year 3 **Options include:** Algebraic Structures II • Algorithmic Graph Theory • Chaos and Fractals • Coding Theory • Combinatorics • Communicating and Teaching Mathematics • Complex Analysis • Cryptography • Number Theory • Linear Algebra II • Metric Spaces • Mathematical Problem Solving • Third Year Project

Other modules may also be available as options, see www.qmul.ac.uk/modules



Mathematics and Statistics

GG31 BSc/MatSta (three years)

Programme description

This degree programme offers you 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 receive free membership of the RSS. In addition, this entitles graduates who achieve a first- or second-class degree, and who have completed enough statistics modules, to Graduate Statistician status.

Programme outline

Year 1 Essential Mathematical Skills • Calculus I and II • Geometry I • Differential Equations • Introduction to Mathematical Computing • Introduction to Algebra • Introduction to Probability • Introduction to Statistics

Year 2 Linear Algebra I • Statistical Methods • Statistical Modelling I • **Options include:** Calculus III • Algebraic Structures I • Convergence and Continuity • Complex Variables • Dynamics of Physical Systems • Differential & Integral Analysis • Mathematical Writing • Geometry II: Knots and Surfaces • Probability Models • Introduction to Numerical Computing

Year 3 Statistical Modelling II • Statistical Theory • **Options include:** Time Series • Actuarial Mathematics • Introduction to Mathematical Finance • Further Topics in Mathematical Finance • Algorithmic Graph Theory • Design of Experiments • Oscillations, Waves and Patterns • Bayesian Statistics • Computational Statistics • Topics in Probability and Stochastic Processes • Random Processes • Linear Algebra II • Third Year Project.

Career opportunities

Mathematics

Recent graduates from both the BSc and MSci in Mathematics have gone into a wide variety of jobs. Some have gone into the financial sector: for example, as actuarial and accountancy trainees with banks such as Lloyds TSB, and as financial analysts with companies such as AIG. A number of our graduates took up teacher training or further study, such as for a masters or PhD degree.

Pure Mathematics

You will gain a similar set of skills to those in the Mathematics programme, and this means that you will have access to the same wide range of jobs. For example, our graduates have gone into jobs such as Settlement Executive for an investment management company. Pure Mathematics graduates who do well are especially welcome on MSc programmes in mathematics.

Mathematics and Statistics

Many of our graduates go on to jobs directly related to their degree: for example, as a Statistics Officer for the Department of Transport. The Government is one of the largest employers of statisticians and employs over 1,200 across a number of different departments. Other graduates have found positions in the finance sector with companies like Deloitte, or have gone on to work for the NHS or Pfizer, the pharmaceutical company. The combination of mathematical and statistical knowledge is very useful in such sectors. Many graduates go on to take MSc degrees in Medical Statistics, Financial Mathematics or other subjects.

Other modules may also be available as options, see www.maths.qmul.ac.uk/modules

Graduate profile: Nimesh Sanghrajka



Studied: BSc Mathematics, Statistics and Finance

Currently: I am working as a Commercial Manager in the UK Corporate Banking division at the Royal Bank of Scotland/NatWest Group. I joined the Bank on a talent programme three months after my graduation. In my current role I look after the banking of commercial customers based in Central London whose turnover is in the region of £1m-£25m. The scheme only took 80 people nationwide, and I was one of 12 candidates to be successful for the central London region.

Salary bracket: £35-45,000

Why did you choose Queen Mary? I chose Queen Mary due to its standing as a top university. For Mathematics and Economics it is one of the best places to learn and develop analytical skills.

What did you gain from your time at Queen Mary? Queen Mary tested my ability to think and provided me with a platform from which to build a solid career in the financial capital of the world. The University of London name had a lot of weight when it came to the interview stage, and I firmly believe that I was successful in my application due to the skills I honed whilst at Queen Mary. The Careers Service was also exceptionally helpful when it came to submitting applications for jobs, and the mock interviews and advice I received were invaluable.

What are your career plans in the next five years? I hope to become a senior Relationship Manager looking after a portfolio of clients whose businesses turnover in the region of £25m+, continue to build my network of professional contacts and take on management duties.

Degree programmes

Mathematics with Business Management

GN1 BSc/MatBM (three years)

Programme description

You will combine six mathematics or statistics modules with two business management modules each year. In the second and final years, you have some flexibility in your choice of mathematics modules. Statistics is used widely in business and management for informed decision-making, and you can specialise in advanced statistics and probability.

Programme outline

Year 1 Essential Mathematical Skills • Calculus I and II • Geometry I • Differential Equations • Introduction to Probability • Introduction to Statistics • Fundamentals of Management • Economics for Business

Year 2 Linear Algebra I • Financial Accounting • Introduction to Algebra • Marketing • **Options include:** Calculus III • Dynamics of Physical Systems • Statistical Methods • Complex Variables • Probability Models • Statistical Modelling I

Year 3 Strategy • Management of Human Resources • **Options include:** Statistical Theory • Oscillations, Waves and Patterns • Actuarial Mathematics • Entrepreneurship and Innovation • Introduction to Mathematical Finance • Further Topics in Mathematical Finance • Third Year Project

• Other modules may also be available as options, see www.qmul.ac.uk/modules

Mathematics, Business Management and Finance

GN13 BSc/MBMF (three years)

Programme description

This degree programme brings together basic training in mathematics and statistics with a selection of modules in business, management, finance, accounting and economics. 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 by completing this degree programme you will have mathematical knowledge and skills backed up with awareness of how the sector operates.

Programme outline

Year 1 Essential Mathematical Skills • Calculus I and II • Geometry I • Differential Equations • Introduction to Probability • Introduction to Statistics • Fundamentals of Management • Economics for Business

Year 2 Linear Algebra I • Statistical Modelling I • Statistical Methods • Financial Accounting • Marketing • Managerial Accounting • **Options include:** Probability Models • Introduction to Algebra

Year 3 Strategy • Financial Management • Management of Human Resources • Introduction to Mathematical Finance • Actuarial Mathematics • **Options include:** Entrepreneurship and Innovation • Further Topics in Mathematical Finance • Statistical Modelling II • Statistical Theory • Time Series • Random Processes • Communicating and Teaching Mathematics • Third Year Project • Other modules may also be available as options, see www.qmul.ac.uk/modules

Mathematics, Statistics and Financial Economics

GL11 BSc/MatSFE (three years)

Programme description

This is a joint programme with the School of Economics and Finance. The first year consists of five modules of mathematics and statistics and three modules of economics; the second year includes at least four modules of mathematics and statistics and three modules of economics and the final year includes at least two modules of mathematics and statistics and three modules of economics. Mathematics and economics are complementary subjects and during the course of your studies you will discover and be able to exploit the many links between them.

Programme outline

Year 1 Essential Mathematical Skills • Calculus I and II • Geometry I • Introduction to Statistics • Introduction to Probability • Macroeconomics I • Economics Principles • Microeconomics I

Year 2 Linear Algebra I • Probability Models • Statistical Modelling I • Statistical Methods • Games and Strategies • Microeconomics II • Capital Markets I • **Options include:** Differential Equations • Introduction to Algebra

Year 3 Financial Markets and Institutions • Corporate Finance I • Statistical Theory • **Options include:** Futures and Options • Corporate Finance II • Statistical Modelling II • Design of Experiments • Time Series • Random Processes • Third Year Project • Other modules may also be available as options, see www.maths.qmul.ac.uk/modules

Career opportunities

Mathematics with Business Management

Students who take this degree programme generally have an interest in working in the business and finance sector when they graduate, and the jobs they go into reflect this. They have found employment with companies such as KPMG and Merrill Lynch, in roles ranging from Securities Analyst to Auditor.

Mathematics, Business Management and Finance

Students take this degree programme because they are interested in finance, economics or business, and many go on to work for financial institutions. Others go on to graduate training schemes in a variety of companies: for example, with Enterprise Rent-a-Car.

Mathematics, Statistics and Financial Economics

Graduates have gone on to apply their excellent mathematical knowledge and skills to banking. Several have found employment as investment bankers, some with blue-chip companies such as Goldman Sachs. Of course, you are not restricted to working for financial companies – there are a wide range of sectors where you could gain employment. For example IT, pharmaceuticals, journalism, local and national government.



STUDENT PROFILE

Georgia Midghall

Mathematics



“Being in the heart of the East End makes living more affordable and, of course, Brick Lane and Shoreditch are perfect for socialising and delving into all London has to offer in terms of culture and people. The College itself is a lot more social than others I've been to: everyone mixes. I didn't stay in halls in my first year but found it just as easy to meet people on campus due to its layout and the Students' Union events.

“Our first-year lecture class is large and, at first, it seemed that you're given the information you have to work with and left to it. This panicked me, but to support our lectures we have coursework classes and tutorial sessions. These offer a more intimate learning environment and allow you to get a grip on the material. In fact, I think the best thing about the course is how much help there is. Not only do you have fellow students, but the learning resources (books, tutors, lecturers, coursework) cover exactly what you need to know.

“One of my favourite memories was in the first week. I went to meet a new friend by the canal and a few more people had already got chatting. I remember sitting on the bench surrounded by, what were at the time, strangers and being really happy with the people I'd met in such little time. Most of them are now my closest friends at uni.”

Degree programmes

Mathematics with Finance and Accounting

G1N4 BSc/MWFA (three years)

Programme description

You will incorporate mathematical and statistical training with finance and accounting, including general financial theory and its applications to business and commerce. The first year consists of six modules of mathematics and statistics and two modules of finance and accounting, and there are three finance and accounting modules in the second year. Overall, about two thirds of your modules will be in mathematics and statistics, and the other third in finance and accounting.

Programme outline

Year 1 Essential Mathematical Skills • Calculus I and II • Geometry I • Differential Equations • Introduction to Probability • Introduction to Statistics • Financial Accounting • Economics for Business

Year 2 Linear Algebra I • Statistical Modelling I • Statistical Methods • Financial Institutions • Managerial Accounting • **Options include:** Probability Models • Introduction to Algebra • Complex Variables

Year 3 Introduction to Mathematical Finance • Actuarial Mathematics • Financial Management • Statistical Theory • **Options include:** Statistical Modelling II • Time Series • Design of Experiments • Further Topics in Mathematical Finance • Random Processes • Computational Statistics • Linear Algebra II • Third Year Project • Other modules may also be available as options, see www.qmul.ac.uk/modules

Mathematics with Psychology

G1C8 BSc/MWP (three years)

Programme description

If you are interested in a thorough grounding in mathematics and a broad understanding of issues in psychology within a mathematical context, then this could be a suitable programme for you. The subjects covered include six mathematics or statistics modules with two psychology modules each year. In the second and final years, you have some flexibility in your choice of mathematics modules.

Programme outline

Year 1 Essential Mathematical Skills • Calculus I and II • Geometry I • Differential Equations • Introduction to Probability • Introduction to Statistics • Exploring Psychology • Cognition, Evolution and Behaviour

Year 2 Linear Algebra I • Statistical Modelling I • Statistical Methods • Statistical Theory • Cognitive

Psychology • Social and Developmental Psychology •
Options include: Probability Models • Introduction to Algebra • Complex Variables

Year 3 Statistical Modelling II • Personality and Individual Differences • Animal Cognition • Statistical Theory • **Options include:** Linear Algebra II • Time Series • Design of Experiments • Random Processes • Communicating and Teaching Mathematics • Other modules may also be available as options, see www.qmul.ac.uk/modules

Mathematics

G102 MSci/Mat (four years)

Programme description

The MSci programme includes a final year consisting of a project and advanced modules from the School of Mathematical Sciences' MSc Mathematics programme. G102 is an extension of G100 (BSc Mathematics) and G110 (BSc Pure Mathematics). 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.

Programme outline

Year 1 Essential Mathematical Skills • Calculus I and II • Geometry I • Differential Equations • Introduction to Mathematical Computing • Introduction to Algebra • Introduction to Probability • Introduction to Statistics

Year 2 Convergence and Continuity • Algebraic Structures I • Linear Algebra I • Differential and Integral Analysis • Mathematical Writing • **Options include:** Calculus III • Dynamics of Physical Systems • Complex Variables • Geometry II: Knots and Surfaces • Introduction to Numerical Computing • Probability Models • Statistical Methods • Statistical Modelling I

Year 3 **Options include:** Combinatorics • Algebraic Structures II • Chaos and Fractals • Linear Algebra II • Relativity • Algorithmic Graph Theory • Metric Spaces • Number Theory • Coding Theory • Complex Analysis • Cryptography • Random Processes • Mathematical Problem Solving • Oscillations, Waves and Patterns • Statistical Theory

Year 4 MSci Project • **Options include:** Advanced Combinatorics • Applied Statistics • Bayesian Statistics • Complex Systems • Dynamical Systems • Further Topics in Algebra • Group Theory • Mathematical Statistics • Extremal Combinatorics • Measure Theory and Probability • Topics in Probability and Stochastic Processes • Topics in Scientific Computing • Topology • Other modules may also be available as options, see www.qmul.ac.uk/modules

Career opportunities

Mathematics with Finance and Accounting

The analytical skills that you gain during your degree programme are especially useful in areas of finance and are a good basis for careers in banking. Other opportunities are available in areas such as sales and marketing. Knowledge of finance, backed up by mathematical knowledge, is highly valued by employers. Mathematical Sciences graduates are valued employees due to the logical way they have learned to think.

Mathematics with Psychology

The combination of quantitative, mathematical and scientific skills on offer in this new degree programme should fit graduates for a host of careers in public services, industry or commerce – for example, marketing, finance, personnel or organisational management. It will also enable you to progress, possibly after taking appropriate additional qualifications, to postgraduate research in quantitative psychology or careers in professional psychology.

Mathematics (MSci)

Mathematics with Statistics (MSci)

Our MSci degrees can lead directly to study for a doctoral degree or to careers in science and engineering requiring advanced technical knowledge. It is particularly valuable if you want to work abroad since it is comparable with the degrees awarded by many other countries. See also career opportunities for the BSc degrees in Mathematics, Pure Mathematics, and Mathematics and Statistics.

Degree programmes

Mathematics with Statistics

G1G3 MSci/MatSt (four years)

Programme description

As with G102, G1G3 offers the opportunity to complete a final year involving a project and advanced modules from the School of Mathematical Sciences' MSc Mathematics programme. G1G3 is an extension of GG31 (BSc Mathematics and Statistics) and is similarly accredited by the Royal Statistical Society. 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.

Programme outline

Year 1 Essential Mathematical Skills • Calculus I and II • Geometry I • Differential Equations • Introduction to Mathematical Computing • Introduction to Algebra • Introduction to Probability • Introduction to Statistics

Year 2 Convergence and Continuity • Algebraic Structures I • Linear Algebra I • Differential and Integral Analysis • Probability Models • Statistical Modelling I • Statistical Methods • **Options include:** Complex Variables • Geometry II: Knots and Surfaces

Year 3 Mathematical Writing • Design of Experiments • Statistical Modelling II • Statistical Theory • Linear Algebra II • **Options include:** Algebraic Structures II • Chaos and Fractals • Metric Spaces • Algorithmic Graph Theory • Coding Theory • Cryptography • Mathematical Problem Solving • Time Series

Year 4 MSci Project • **Options include:** Computational Statistics • Bayesian Statistics • Measure Theory and Probability • Topics in Probability and Stochastic Processes • Advanced Combinatorics • Applied Statistics • Complex Systems • Dynamical Systems • Further Topics in Algebra • Group Theory • Mathematical Statistics • Relativity and Gravitation • Topics in Scientific Computing • Topology • Other modules may also be available as options, see www.qmul.ac.uk/modules





STUDENT PROFILE

Laurence Bahrami

Mathematics

"In the final two years, you are able to pick the majority of your own modules from a large list, so you can specialise in a specific field, which I think is good. The lecturers deliver clear and concise presentations and they are only too happy to help in seminars. They also have open office hours throughout the week. If the lecturers are busy for some reason, we have our own advisor, who can also help.

"Queen Mary has many different study areas from the newly refurbished Library, which caters for quiet study as well as group work, to the Hive, which is a vast space with computers and students working together in groups. And there is never a shortage of empty classrooms to work with friends in.

"I participate in rock climbing once a week (there is a local climbing wall) and also try to attend the gym at least four times a week. I have not yet joined any clubs or societies as I have been too busy socialising with friends made during Freshers' Week and also busy with my studies."

Medically related subjects



Medically related subjects

FAQs

Queen Mary has a well-established reputation for excellence across many medically related disciplines. In the School of Biological and Chemical Sciences, programmes include Biomedical Sciences, Medical Genetics, Pharmaceutical Chemistry and Biochemistry. Other exciting, medically related programmes include Medical Engineering, Medical Materials and Dental Materials, offered by the School of Engineering and Materials Science. All these programmes allow students to pursue an interest in science with career possibilities in medicine, healthcare and the industries that support them. In addition, many graduates go on to study Medicine and Dentistry at Queen Mary's world-renowned Barts and The London School of Medicine and Dentistry and elsewhere.

Whether you aspire to solving medical problems through the development of novel medical technology and devices or as a laboratory scientist, or by entering into healthcare management, our medically related degree programmes offer you exciting routes into careers that are shaping the future of medicine and dentistry.

Full details of medically related degree programmes can be found in the relevant department sections.

Medically related programmes

Biochemistry

C700 BSc/Bioc (three years) p32, 56

Biology

C100 BSc/Biol (three years) p32

Biology with Psychology

C1C8 BSc/BWP (three years) p33, 260

Biomedical Sciences

B990 BSc/BMS (three years) p34

Chemistry

F100 BSc/Ch (three years)

F103 MSci/Ch (four years) p56

Chemistry with Biochemistry

F1C7 BSc/ CWB (three years) p58

Dental Materials

J500 BEng/DM (three years)

JM00 BEng/DM4 (four years with Industrial Experience)

J504 MEng/DM (four years)

JN00MEng/DM5 (five years with Industrial Experience) p204

Genetics

C400 BSc/Gen (three years) p34

STUDENT PROFILE

Ines Jimenez Palomar



Medical Materials

"I was looking for a degree that would combine my interest in applied science and medicine when I discovered Queen Mary's medical materials degree programmes.

"I especially enjoy the Problem Based Learning (PBL) component of the course.

The staff are incredible – they are always approachable and available. It gives the whole experience a relaxed feel. On my first PBL project, I was chosen to present the project to the class. I was super nervous, as I hated talking in public. Fortunately, the experience was exhilarating and refreshing."

Medical Engineering

HBC8 BEng/ME (three years)

HBD8 BEng/ME4 (four years with Industrial Experience)

HB18 MEng/ME (four years)

HB18 MEng/ME5 (five years with Industrial Experience) p117

Medical Genetics

C431 BSc/MGen (three years) p35

Medical Materials

B892 BSc/MedM (three years)

B890 BEng/MedM (three years)

B893 BEng/MedM4 (four year with Industrial Experience)

B891 MEng/MedM (four years)

BV90 MEng/MedM5 (four years with Industrial Experience) p204

Pharmaceutical Chemistry

F152 MSci/PhaCh (four years) p58

Pharmaceutical Chemistry with a Year in Industry

F153 MSci/PhChIn (four years) p60

Psychology

C800 BSc/Psy (three years) p260

Zoology

C300 BSc/Zoo (three years) p36

Medicine and Dentistry

Medicine p226

Medicine
(Graduate entry programme) p226

Dentistry p234

Dentistry
(Graduate entry programme) p234



School of Medicine and Dentistry

FAQs - Medicine

What is medicine?

Studying medicine is about much more than just getting your MB BS 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.

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.

Medicine is a tough profession: people who are unwell are not always easy to handle – they may, understandably, be scared or irritable; you'll also have to do medical admin work and to constantly update your knowledge. 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 and stimulating, and diagnosing and recommending treatments and helping others is intrinsically rewarding.

Why study medicine?

What can I do afterwards?

- It's intellectually challenging: the nature of the career is such that you always need to be up-to-date with the latest developments.
- You will meet an interesting variety of people – both colleagues and patients.
- Compared with many other professions, medicine offers good job security, a good salary and scope for career progression.
- Once you're qualified, if you're interested in travel, you could work in a wide variety of roles in many different countries.
- It's not all hard work: medical students know how to have a good time and the nature of the course means you'll make some great, lifelong friendships.

Why study medicine at Barts and The London, Queen Mary, University of London?

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 and dental school in the UK.

You will be taught by experts in their field who are passionately engaged with their subject. This is reflected in the high satisfaction rates among our medical students: in the National Student Survey (NSS 2011), 94 per cent were satisfied overall with the quality of the course and 95 per cent agreed that the course was intellectually stimulating.

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 pre-clinical studies and clinical years, which means that you will start seeing patients from the very first term.

If you have not already achieved a degree prior to entry, you will have the opportunity (subject to your academic performance) to take an extra year of studies leading to a Bachelor of Medical Science (BMedSci) or Bachelor of Science (BSc). Known as an intercalated degree, this may give you a greater choice of career opportunities.

We have modern state-of-the-art buildings alongside more traditional facilities, such as our fantastic library. A major part of the new Royal London Hospital will be completed by 2016 and will include London's leading trauma and emergency care centre, one of Europe's largest renal services and one of the UK's biggest paediatric services.

Finally, we pride ourselves on being a friendly School, with excellent staff-student relationships. Our students are very sociable and committed to the local community through voluntary work and Rag Week – renowned for astounding fundraising feats! There are lots of clubs and societies, and a student association just for medical and dental students.

Entry requirements Medicine

UKCAT	<p>All candidates for medicine must undertake the United Kingdom Clinical Aptitude Test (UKCAT). Your overall UKCAT score will be used in our selection for interview in conjunction with your academic performance to date. To register, and for further information please see: www.ukcat.ac.uk</p> <ul style="list-style-type: none"> • For school-leavers/gap-year students, your UKCAT score will be considered in our selection process but it will not be the sole indicator for selection for interview. UKCAT scores will be balanced against achievement in other areas, in particular the strength of your academic ability as evidenced by your achieved/predicted UCAS tariff scores compared to other applicants who apply in that same year, and all indicators will be considered together. • We are not able to give you advice on the minimum score we require, since it varies from year to year; however, it is unlikely that you would be offered an interview if you obtained a UKCAT score below 2400 (TOTAL), although there is no guarantee you will be offered an interview if you score above this. <p>Graduates who apply for the five-year programme will be assessed to ensure they meet our minimum academic criteria. Applicants who meet this criteria will then be ranked against the other graduate applicants applying in that year according to their overall UKCAT score to determine which applicants to short-list for interview.</p>
A/AS-levels	<p>Grades requirement: Grades requirement: 3 A-levels and 1 AS-level (AAAb)</p> <ul style="list-style-type: none"> • Chemistry and biology at AS-level, at least one at A-level. If both subjects not taken to A-level, a second science A-level is required. If you are planning to drop either chemistry or biology before A2, you must attain a B grade in that subject at AS-level. • If A-level maths is offered, further maths is acceptable at AS-level only. • General studies and critical thinking are not accepted subjects at AS and A-level. • Our normal offer is for grades AAA in three A-levels and B in the AS-level (after no more than two years of study). • For candidates offering four A-levels our normal offer is AAAC if no AS-levels have been cashed in. <p>All eligible applicants must have the following subjects at GCSE level, at grades AAABBB or above (in any order) to include biology (or human biology), chemistry, English language and mathematics (or additional mathematics or statistics). The science double award may substitute all sciences at GCSE.</p>
International Baccalaureate	<p>The full International Baccalaureate is acceptable as an entry qualification. You must offer: three subjects including chemistry or biology and one other science or mathematical subject at Higher Level, and three subjects at Standard Level including chemistry or biology if not offered at the Higher Level. If English is not offered as part of the diploma, it must be offered at GCSE, grade B or above or acceptable equivalent. The minimum requirement is for 38 points in total with a minimum of 6 points in the Higher Level science subjects and 6 points in the third Higher Level subject.</p>
Irish Leaving Certificate	<p>A1 A1 A1 A2 B1 B1 at Higher Level including A1 in chemistry and biology.</p>
Scottish Highers	<p>Scottish Highers are not accepted alone. You must offer Advanced Highers. Candidates must offer: three Scottish Highers at grades AAA, including biology and chemistry. Candidates must offer grades at AA in Advanced Highers in two of the subjects offered at Scottish Highers, including chemistry and/or biology.</p>
Cambridge Pre-U	<p>The Pre-U Diploma is acceptable as an entry qualification. You must offer the full Diploma with grades of D3 or higher in three subjects including biology and/or chemistry. If either chemistry or biology is offered alone, a second science subject is required. An additional Short-Course in any subject is required at grade M2. You will also be required to offer grades AAABBB, in any order, in GCSE English language, mathematics, biology and chemistry. The science double award may substitute all sciences at GCSE. If you are taking a combination of Pre-U and A-level subjects you should contact the medicine admissions team for advice on the grades you will be required to achieve.</p>
European Baccalaureate	<p>The European Baccalaureate is acceptable as an entry qualification. Candidates must offer chemistry and biology. Minimum grades of 8.5 are required in each of these two options and a grade of 85 per cent is required overall. Good passes at GCSE at grade B or above or acceptable equivalent in mathematics and English language if they are not offered as part of the Baccalaureate.</p>

Other qualifications	<p>Graduate students applying for the five-year MB BS programme</p> <ul style="list-style-type: none"> • You may apply in the final year of your degree and must be predicted/achieved at least an upper second class honours degree (or equivalent) in any subject. • There must have been a significant component of biology and chemistry in your degree programme, 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/achieved B grades in both. <p>Graduates with a non-UK degree</p> <p>Graduates who offer a degree with at least an upper second class honours or equivalent who have graduated from a university outside the UK, must send the Student Recruitment and Admissions Office (smdadmissions@qmul.ac.uk) the following prior to application to ensure your eligibility to apply:</p> <ul style="list-style-type: none"> • A transcript of your degree (translated into English if necessary) • A statement of comparability from NARIC confirming your degree is comparable to a British bachelor (honours) degree standard: www.naric.org.uk • Graduates from USA/Canada must offer an honours degree with a GPA of 3.6 or higher on a 4.0 scale.
European and international qualifications	<p>In general, we do not accept equivalent qualifications, so you will need to fulfil one of the above criteria. Please see www.smd.qmul.ac.uk for more information.</p>
MB BS Graduate Entry Programme (4 year) A101	<ul style="list-style-type: none"> • You may apply in the final year of your degree and be predicted/have achieved at least an upper second class honours degree in a science/health related subject. There must have been a significant component of Biology and Chemistry in your degree programme, 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 B grades in both. <p>Graduates with a non-UK degree</p> <p>Graduates who offer a science/health-related degree with at least an upper second class honours or equivalent who have graduated from a university outside the UK, must send the Admissions Office (smdadmissions@qmul.ac.uk) the following prior to application to ensure your eligibility to apply:</p> <ul style="list-style-type: none"> • A transcript of your degree (translated into English if necessary) • A statement of comparability from NARIC confirming your degree is comparable to a British Bachelor (Honours) degree standard: www.naric.org.uk • Graduates from America/Canada must offer an Honours degree with a GPA of 3.6 or higher on a 4.0 scale.
Qualifications we do not accept	<p>We do not accept vocational or applied A-levels, the BTEC Level 3 Diploma (120 credits), the BTEC Level 3 Extended Diploma (180 credits), the Access to HE Diploma or the Advanced Diploma.</p>

Key facts Medicine

Assessment

The pattern of assessment is a combination of continuous assessment and regular examinations throughout the programme, with final exams each year.

- Continuous assessment provides you with regular opportunities to consolidate your learning. You can monitor your own progress and teaching staff can identify students who may need additional help with their studies.
- End-of-year examinations measure progression through the core curriculum and use a range of innovative assessment methods. Written papers test knowledge and its application to problem solving.
- Objective Structured Clinical Examinations (OSCEs) are used from the first year of the programme to assess competence in clinical, communication and practical skills. Students move through a series of stations, where they have a specific time to perform a task with a real or simulated patient or a mannequin.
- Formative assessment workshops (where scores do not count) and informal feedback in small group teaching sessions help you develop your knowledge, personal and group skills throughout the programme.
- Assessment of Student Selected Components (SSCs) are assessed individually on a simple grading system, which build into a portfolio covering many aspects of medicine. They must be successfully completed at the end of each year in order to progress to the next year.

Our teaching

With support from tutors, you are encouraged to develop an independent attitude to learning. This approach prepares you well for life as a qualified doctor. The teaching methods ensure that you can understand the principles of medicine and apply your knowledge in the same way when treating a patient. Important features of our teaching include:

- Lectures
- Problem-Based Learning (PBL) – this is a central element of the medical curriculum. It is an active way of learning that teaches students problem-solving skills and teamwork while at the same time allowing them to acquire basic knowledge.
- Practical sessions – these take place in our laboratories, IT labs, clinical skills labs and/or wards.
- Communication skills – we provide practical

training in interviewing techniques with special sessions devoted to communication between doctors or dentists and their patients.

- Project work will bring you in to contact with the local community.
- E-learning – this allows you to have access to a large amount of teaching material via 'Blackboard' – an intranet-based facility. You can revisit lectures and review other teaching materials at your convenience.

Admissions

Applicants for Medicine can make up to four choices for medical courses on the UCAS form. Your remaining choices can be used for alternative subjects without prejudice to the commitment to medicine.

All applications which include choices for medicine must be submitted to UCAS by 15 October for entry in September the following year. No offers are given without an interview.

Further information

Our website is regularly updated throughout the admissions cycle and is the best source of information about our entry requirements and courses. Before applying, please see www.smd.qmul.ac.uk

The Admissions Office can be contacted on:
Tel: +44 (0)20 7882 8478
email: smdadmissions@qmul.ac.uk





Graduate profile: Safeena Afzal

Studied: Medicine MB BS and Intercalated BSc (Hons) in Neuroscience

Currently: A&E Senior House Officer at The Royal London and Homerton Hospitals

Why did you choose Queen Mary?

I loved east London. It's the best place in the UK to do medicine – it's multicultural, and full of people from all social classes. This helped me to develop specialist skills and to become more open-minded. There was a definite and unique 'friendliness' and open, energetic atmosphere which put students' needs first. I first experienced this when I visited Queen Mary on campus tours prior to applying. I knew then that this was somewhere it would be easy to settle in, enjoy my degree and have a great work-life balance... and I did!

Salary bracket: **£35-55,000**

What did you gain from your time at Queen Mary?

Lifelong friendships, a solid educational foundation and launch-pad upon which I now base my clinical career. Also, a love for east London and its people and a clinical/communication skills base that is unique but applicable to anywhere I work now and in the future.

What are your career plans in the next five years?

I aim to apply for specialist training to become either an Intensive Care Consultant or an Anaesthetist. I also hope to continue undergraduate teaching and continue working with the Admissions Department.



Medicine and Dentistry Degree programmes

Medicine

A100 MB BS (five years)

Programme description

The five year programme leading to 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.

Key features of the curriculum include:

- Practical approach – you study integrated modules relating to the body systems, for example cardiovascular, respiratory etc.
- Early clinical experience – you will meet your first patient in your first term.
- Wide-ranging clinical experience in our hospitals in London and the South East – from Year 3, you will undertake a range of clinical and GP attachments.
- Emphasis on communication skills throughout the programme.
- Wide choice of Student Selected Components each year where you can follow your own interests, for example: Developing Communications Skills; Observation of Physiotherapy Practice; Human Structure by Dissection: Limbs, Neutral and Pharmacological; Control of Body Function; Applied Radiological Anatomy; Cystic Fibrosis: An insight into Chronic Illness; and more.
- An element of Problem-Based Learning (PBL).
- Staff are available to ensure you are supported throughout the programme.

Programme outline

This programme is divided into three phases (cores):

- Phase 1 Body in Health (Year 1 and Year 2)
Mechanisms of Disease (Year 1 and Year 2)
- Phase 2 Clinical Basis of Medicine (Year 3 and Year 4)
- Phase 3 Preparation for Practice (Year 5)

Medicine (Graduate entry programme)

A101 MB BS (four years)

Programme description

The four-year programme leading to the Bachelor of Medicine and Bachelor of Surgery is designed to be a fast-track route for graduates who obtained 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.

Key features of the curriculum include:

- Problem-Based Learning (PBL).
- Early patient contact: in Year 2 you will join Year 3 undergraduate students on the five year MB BS programme for clinical studies in general practices and on the wards of associated teaching hospitals.
- Practical experience: after studying the medical specialities, you will be given more clinical experience to prepare you for practice as a Foundation Year House Officer (FY1).

Programme outline

The programme is divided into three phases:

- Phase 1 Systems in Health and Disease (Year 1)
- Phase 2 Clinical Basis of Medicine (Year 2 and Year 3)
- Phase 3 Preparation for Practice (Year 4)



Career opportunities

Medicine

The MB BS is a registrable qualification for the practice of Medicine. On the successful completion of Foundation Year 1 (FY1) holders of the MB BS degree will normally be placed on the Register of the General Medical Council. Following a further foundation year, you can consider a range of career opportunities including entry to all the postgraduate specialities of medical practice, including primary care, as well as medical research and other activities.

STUDENT PROFILE

Latha Bonthala

MB MS Medicine (A100), fourth year

"I chose to study at Barts and The London because I had heard very positive comments about the quality of the teaching and the down to earth atmosphere and attitudes of both staff and students. When compared to other medical schools in London, Barts seemed like the best place to be!

"The Medicine in Society placements mean you are placed in the community right from the start, which is both enjoyable and incredibly beneficial. Also, the regular in-course assessments were very useful in consolidating all the information learnt during the year, particularly in the run-up to the end of year examinations.

"One thing there is no shortage of in east London is a social life! There is always something to do, and always people ready to celebrate successes in the recently renovated Griffin Students' Union building. The leisure and recreational facilities are great at Queen Mary's Mile End campus. There is a good choice of places to unwind whichever way you want to, for example exercising in the Qmotion gym or relaxing with friends by the canal."



School of Medicine and Dentistry

FAQs - Dentistry

What is dentistry?

Since the days of the Phoenicians in 300-400BC, people have valued an attractive smile and healthy teeth. Improving appearance and function has a real and positive impact on the quality of people's day-to-day life. 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. You will study the care of the mouth, including the prevention and treatment of the dental diseases, screening for oral cancers, managing trauma (eg the results of road accidents or violence), orthodontics and oral surgery.

As a dentist, you will need to be versatile and multi-talented. You must be academically gifted, able to undertake precision work in adverse conditions, and an excellent communicator, who can explain options and procedure to your patients, and reassure those who are frightened. You must also enjoy science: dentistry is a constantly evolving profession and lifelong learning is essential.

Why study dentistry?

What can I do afterwards?

- It's an exciting and challenging profession which will see you learning new skills throughout your career.
- You will meet an interesting variety of people. There is real job satisfaction and you are able to see the results of your hard work in your patients.
- Compared with many other professions, 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.
- It's fun! Dentists, alongside medics play a great part in the social life of the School.

Why study dentistry at Barts and The London School of Medicine and Dentistry, Queen Mary, University of London?

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 and dental school in the UK.

The Dental School opened in 1911 and we aim to offer you the very best student experience. You will be taught by experts in their field who are passionately engaged with their subject, and this is reflected in the high satisfaction rates among our dental students: in the most recent National Student Survey (NSS 2011), 79 per cent of our students were satisfied overall with the quality of the course and 85 per cent said that the course was intellectually stimulating.

We are a friendly and supportive School, with exceptionally good pastoral care – in the NSS 2011, 84 per cent of students said they were able to contact staff when they needed to. Our curriculum is modern, integrated and well paced, and our location in east London means that you'll serve a population of great diversity and encounter a wide range of disease, including some of the more unusual oral cancers. 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.

Entry requirements Dentistry

UKCAT	<p>All candidates for dentistry must undertake the United Kingdom Clinical Aptitude Test (UKCAT). Your overall UKCAT score will be used in our selection for interview in conjunction with your academic performance to date. To register, and for further information please see: www.ukcat.ac.uk</p> <ul style="list-style-type: none"> • For school-leavers/gap-year students, your UKCAT score will be considered in our selection process but it will not be the sole indicator for selection for interview. UKCAT scores will be balanced against achievement in other areas, in particular the strength of your academic ability as evidenced by your achieved/predicted UCAS tariff scores compared to other applicants who apply in that same year, and all indicators will be considered together. • We are not able to give you advice on the minimum score we require, since it varies from year to year; however, it is unlikely that you would be offered an interview if you obtained a UKCAT score below 2400 (TOTAL), although there is no guarantee you will be offered an interview if you score above this. <p>Graduates who apply for the five-year programme will be assessed to ensure they meet our minimum academic criteria. Applicants who meet this criteria will then be ranked against the other applicants in that year according to their overall UKCAT score to determine who to short-list for interview.</p>
A/AS-levels	<p>Grades requirement: 3 A-levels and 1 AS-level: AAAB</p> <ul style="list-style-type: none"> • Chemistry and biology at AS-level, at least one at A-level. If both subjects not taken to A-level, a second science A-level is required. If you are planning to drop either chemistry or biology before A2, you must attain a B grade in that subject at AS-level. • If A-level maths is offered, further maths is acceptable at AS-level only. • General studies and critical thinking are not accepted subjects at AS and A-level. • Our normal offer is for grades AAA in three A-levels and B in the AS-level (after no more than two years of study). • For candidates offering four A-levels our normal offer is AAAC (A grades required in biology and chemistry) if no AS-levels have been cashed in. <p>All eligible applicants must have the following subjects at GCSE level, at grades AAABBB or above (in any order) to include biology (or human biology), chemistry, English language and mathematics (or additional mathematics or statistics). The science double award may substitute all sciences at GCSE.</p>
International Baccalaureate	<p>The full International Baccalaureate is acceptable as an entry qualification. You must offer: three subjects including chemistry or biology and one other science or mathematical subject at Higher Level, and three subjects at Standard Level including chemistry or biology if not offered at the Higher Level. If English is not offered as part of the diploma, it must be offered at GCSE, grade B or above or acceptable equivalent. The minimum requirement is for 38 points in total with a minimum of 6 points in the Higher Level science subjects and 6 points in the third Higher Level subject.</p>
Irish Leaving Certificate	<p>A1 A1 A1 A2 B1 B1 at Higher level including A1 in chemistry and biology.</p>
Scottish Highers	<p>Scottish Highers are not accepted alone. You must offer Advanced Highers. Candidates must offer: three Scottish Highers at grades AAA, including biology and chemistry. Candidates must offer grades at AA in Advanced Highers in two of the subjects offered at Scottish Highers, including chemistry and/or biology.</p>
Cambridge Pre-U	<p>The Pre-U Diploma is acceptable as an entry qualification. You must offer the full Diploma with grades of D3 or higher in three subjects, including biology and/or chemistry. If either chemistry or biology is offered alone, a second science subject is required. An additional Short Course in any subject is required at grade M2. You will also be required to offer grades AAABBB, in any order, in GCSE English language, mathematics, biology and chemistry. The science double award may substitute all sciences at GCSE. If you are taking a combination of Pre-U and A-level subjects you should contact the medicine admissions team for advice on the grades you will be required to achieve.</p>
European Baccalaureate	<p>The European Baccalaureate is acceptable as an entry qualification. Candidates must offer chemistry and biology. Minimum grades of 8.5 are required in each of these two options and a grade of 85 per cent is required overall. Good passes at GCSE at grade B or above or acceptable equivalent in mathematics and English language if they are not offered as part of the Baccalaureate.</p>

Other qualifications	<p>Graduate students applying for the five-year BDS programme</p> <ul style="list-style-type: none"> You may apply in the final year of your degree and must be predicted/have achieved at least an upper second class honours degree (or equivalent) in any subject. There must have been a significant component of biology and chemistry in your degree programme, 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 B grades in both. <p>Graduates with a non-UK degree</p> <p>Graduates who offer a degree with at least an upper second class honours or equivalent who have graduated from a university outside the UK, must send the Admissions Office (smdadmissions@qmul.ac.uk) the following prior to application to ensure your eligibility to apply:</p> <ul style="list-style-type: none"> A transcript of your degree (translated into English if necessary) A statement of comparability from NARIC confirming your degree is comparable to a British Bachelor (Honours) degree standard: www.naric.org.uk Graduates from America/Canada must offer an Honours degree with a GPA of 3.6 or higher on a 4.0 scale.
European and international qualifications	<p>In general, we do not accept equivalent qualifications, so you will need to fulfil one of the above criteria. Please see www.smd.qmul.ac.uk for more information.</p>
BDS Graduate Entry Programme (4 year) A201	<ul style="list-style-type: none"> You may apply in the final year of your degree and be predicted/have achieved at least an upper second class honours degree in a science/health related subject. There must have been a significant component of biology and chemistry in your degree programme, 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 B grades in both. <p>Graduates with a non-UK degree</p> <p>Graduates who offer a science/health related degree with at least an upper second class honours or equivalent who have graduated from a university outside the UK, must send the Admissions Office (smdadmissions@qmul.ac.uk) the following prior to application to ensure your eligibility to apply:</p> <ul style="list-style-type: none"> A transcript of your degree (translated into English if necessary) A statement of comparability from NARIC confirming your degree is comparable to a British Bachelor (Honours) degree standard: www.naric.org.uk Graduates from America/Canada must offer an honours degree with a GPA of 3.6 or higher on a 4.0 scale.
Qualifications we do not accept	<p>We do not accept vocational or applied A-levels, the BTEC Level 3 Diploma (120 credits), the BTEC Level 3 Extended Diploma (180 credits), the Access to HE Diploma or the Advanced Diploma.</p>

Key facts Dentistry

Assessment

The BDS examinations are designed to assess knowledge and problem-solving skills as well as communication and clinical skills using multiple-choice questions, extended matching and short answer questions and the Objective Structured Clinical Examination (OSCE).

Continuous assessment, in a wide variety of forms, and matched to the patterns of learning also contributes significant marks to examinations. This encourages consistent study and promotes lifelong learning for continuing professional development. Student Selected Components (SSCs), including an Elective Period also feature and contribute towards continuous assessments.

Our teaching

Our dental programme equips you with a broad knowledge of all relevant aspects of medicine and dentistry and the application of this knowledge to the diagnosis, prevention and treatment of oral and dental diseases and abnormalities.

Important features of teaching are listed below:

- Practical sessions – sessions take place in our laboratories, IT labs, clinical skills labs and clinics. The Dental School has recently installed a state-of-the-art clinical skills laboratory and newly refurbished clinical treatment areas. Many of the courses taught in the laboratory are part of extended blocks of teaching allowing total immersion in a particular area of study, prior to patient treatment in the clinics.
- Seminars – provided to small groups of 8-10 students
- Lectures and symposia – on the dental programme symposia aim to integrate multidisciplinary learning by focusing on all aspects of a particular topic and making important connections
- Outreach clinical teaching – outreach clinics allow students total immersion in dentistry within a primary care setting
- Communication skills – you will have practical training in interviewing techniques and special sessions devoted to communication between doctors or dentists and their patients
- E-learning – students have access to a large amount of teaching material via 'Blackboard' – an intranet-based facility which enables you to revisit lectures and review other teaching materials whenever is convenient.

Please note: Problem-based learning (PBL) has a place in the dental curriculum, but features to a far lesser extent than it does for medicine.

Admissions

Admission is by UCAS form – you can make up to four choices for dental courses on the form. Your remaining choices can be used for alternative subjects without prejudice to the commitment to medicine.

All applications which include choices for medicine must be submitted to UCAS by 15 October for entry in September the following year. No offers are given without an interview.

Further information

Our website is regularly updated throughout the admissions cycle and is the best source of information about our entry requirements and courses. Before applying, please see www.smd.qmul.ac.uk

The Admissions Office can be contacted on:
+44 (0)20 7882 8478
email: smdadmissions@qmul.ac.uk





Graduate profile: Dr Nicholas Clifford

Studied: Dentistry (BDS)

Currently: Vocational Dental Practitioner working within the Charing Cross scheme of the London Deanery.

What did you gain from your time at Queen Mary?

The diverse range and quantity of clinical experience gained as a dental student at Queen Mary really prepared me well for life in general dental practice. At the end of my studies I felt very confident to commence independent clinical practice.

What are your most and least favourite aspects of your job?

My clinical interest is oral surgery so I enjoy treating patients who need extractions and teeth removed surgically. It is a real privilege to be able to do a job that I enjoy and to be helping people in need at the same time. There is a lot of paperwork involved which I dislike, a lot of my time is taken up with writing letters and completing forms.

Salary bracket: Around £30,000

What can current students do to prepare for getting a job in your area?

My best advice is to maximise the amount of clinical procedures undertaken as a student and to manage your time well. It is important not to avoid the areas you feel weak in. You only have a limited time as a student and the skills you learn at university are what you take into the real world. Good preparation can really help when you start work. Practice really does make perfect!

Degree programmes Dentistry



Dentistry

A200 BDS (five years)

Programme description

At the time of going to press, the General Dental Council is undertaking a learning outcomes review, examining the type of experience and teaching dental students need to be fully prepared for practice in the modern world. For all the latest developments regarding the curriculum, visit our website: www.smd.qmul.ac.uk

We embrace a multidisciplinary approach to the acquisition of knowledge and skills and early clinical exposure is a key part of the course. In addition, dental students develop their clinical skills in several of our key outreach clinics, ensuring that they experience a wide range of primary care settings.

You will be encouraged to take a holistic approach to dentistry – studying the human sciences, including sociology and psychology, to examine patients' attitude to oral healthcare and the dental profession. You will also experience the community aspects of dentistry through studying Dental Public Health.

Programme outline

It is envisioned that the new curriculum will have four themes that will run through all the years with some themes having a greater presence in the early years. The themes will be:

- Scientific Basis of Clinical Practice
- Clinical Practice
- Teamwork and Professionalism and Social Responsibility
- Evidence-based Dentistry, Research, Dental Public Health

Dentistry

(Graduate entry programme)

A201 BDS (four years)

Programme description

Are you a graduate of a science or health-related degree whose ambition is to become a dentist? Then this fast-track, four-year programme leading to the Bachelor of Dentistry is for you. You will develop, and learn how to apply the appropriate knowledge and understanding of dental, scientific and clinical principles to prevent, alleviate and treat oral diseases. Small-group working in the Dental Hospital and in our Outreach Dental Clinics, which will encourage dental team-working and develop clinical competence in the line with society's needs.

The curriculum is divided into three stages, encompassing core modules studied by all students, plus two weeks of Selected Study Modules per year, which allow you to choose topics from a range of options to study in more depth.

Programme outline

At the time of going to press, the General Dental Council is undertaking a learning outcomes review, examining the type of experience and teaching dental students need to be fully prepared for practice in the modern world. For all the latest developments regarding the curriculum, visit our website: www.smd.qmul.ac.uk

The programme is currently divided into three stages:

- Stage 1 Systems in Health and Disease and Introduction to Clinical Skills
- Stage 2 Integrated Clinical Skills including Outreach
- Stage 3 Pre-vocational Training



Career opportunities

Dentistry

Career-wise, dentists have many 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. 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.

STUDENT PROFILE

Jonathan Lewney

BDS Dentistry (A201) fourth year

"I completed my BSc in Chemistry and then also completed an MSc (in Physical Sciences as Applied to Medicine) whilst working as a long-haul air-steward. At 30 I decided I'd like to apply my degree in a clinical setting and the Graduate Entry to Dentistry at Barts and The London seemed perfect for me as they accept people from a wide range of science backgrounds. Skills I learned in my previous degree have enabled me to cope better with a demanding course and also the friendly atmosphere here and the people-based nature of the course makes the work/life distinction seem narrower.

"As I started the course at 31 I was slightly apprehensive that there'd be a noticeable age gap between other students and me. However, roughly one in three students in the year are graduates, and graduates and students on the five-year programme have integrated really well. I think having a variety of ages on the course keeps everything more interesting, and I've had no problems keeping up with my previously active social life!"

Physics and Astronomy

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Physics with Particle Physics	p242
Theoretical Physics	p244



School of Physics and Astronomy

FAQs

What is physics at Queen Mary?

Physics is essential to our understanding of how the universe works: from the behaviour of fundamental particles to the movement of the stars and planets. Theory and experiment are vital to developing answers to questions about the universe and the fundamental nature of matter, energy, space and time.

Our work covers the full spectrum of scales: particle physics for the smallest particles; nano-science for creating new small structures; and general relativity for understanding the large scale behaviour of the universe. One theory that physics is lacking, however, is the Grand Unified Theory, and work is on-going to find this one theory that applies to all scales and unifies all the known particles and forces – so there is plenty of work still to be done.

Why study physics?

What can I do afterwards?

Physics graduates are in high demand and they are found in many areas of employment such as energy, information technology, business and marketing, the health service, teaching, finance and banking, as well as in research centres within large corporations and in universities. Alternatively, around one third of our students are inspired by their studies to go on to research-based degrees. They will either complete a one-year masters degree or a three/four-year PhD.

Whatever your career plans, you will graduate with an impressive array of skills, including:

- High-level numeracy skills – mathematics is integral to finding solutions to problems in physics
- Excellent IT skills – you will use computers to model physical systems and to interpret and present information graphically
- Problem-solving ability – physicists are very good at using a creative and analytical approach to solving complex problems
- Reporting/describing skills – you will develop project, essay-writing and oral presentation skills during your degree.
- Practical laboratory skills – you will learn how to use different pieces of equipment and develop statistical and error analysis skills.

Why study physics at Queen Mary?

- You will learn in a research-rich environment benefiting from the work done by our world-leading researchers as they incorporate their work into their teaching. Our areas of research strength are broad, and include astronomy, particle physics, condensed matter and materials physics and theoretical physics, allowing you to gain a degree with a wide knowledge of physics or the opportunity to specialise in a particular area.
- In the National Student Survey 2011, 90 per cent of our students were satisfied with the quality of the course and 98 per cent agreed that the course was intellectually stimulating.
- You will learn in modern teaching facilities. Our undergraduate laboratories are equipped with everything required to investigate the physics learned about in lectures. Facilities include 46 spacious general-purpose work stations, two optics rooms with 11 work stations and four specialist vibration-free surfaces for sensitive experiments. The laboratories are open access with two members of staff offering technical support during normal working hours.
- A variety of options to study abroad are open to you and you can apply to spend a semester or one full year abroad. We have links with universities around the world, including Europe, America and Asia.
- All our degrees are accredited by the Institute of Physics.
- Scholarships worth £3,000 per year of study are available to home students achieving AAA at A-level (or equivalent) who apply and put Queen Mary as their firm choice. For full information, see www.qmul.ac.uk/excellencescholarships
- We will support you in your search for a career. Working alongside the Careers team and the Institute of Physics, we provide careers information and advice, including support in CV writing and interview skills. We also organise careers events on campus, inviting prospective employers to explain what they look for in graduate employees and recent graduates to describe their experiences of the world of work. For more information, see www.ph.qmul.ac.uk/undergraduate/careers

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: BSc programmes: a total of 320 tariff points. Applicants should aim to achieve grades A and B at A-level in physics and mathematics. MSci programmes: a total of 340 tariff points. Applicants should aim to achieve grade A at A-level in physics and mathematics. If you do not perform as well in one subject and do better in others, then that is acceptable, providing you gain the minimum number of points required for the degree programme.</p> <p>Additional information: General studies should not be included in the points tariff.</p>
Vocational or applied A-levels	<p>Acceptability: Acceptable only when combined with other A2-equivalent physics and mathematics qualifications.</p>
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with other A2-equivalent physics and mathematics qualifications.</p> <p>Subjects and grades required: Overall in Double Award DD. Must have high physics and mathematics content.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable only when combined with other A2-equivalent physics and mathematics qualifications.</p> <p>Subjects and grades required: Overall DMM. Must have high physics and mathematics content.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: BSc programmes: 30 points overall with 6 in both Higher Level physics and Higher Level mathematics. MSci programmes: 34 points overall with 6 in both HL physics and HL mathematics.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: BSc entry: 75 per cent overall 7/6 in maths/physics in any order. MSci entry: 80 per cent overall with 7 in maths and physics.</p>
Access to HE Diploma	<p>Credits required: A total of 60 credits, out of which 45 at level 3 and 18 level 3 credits in maths units and 18 level 3 credits in physics units for BSc entry.</p> <p>Grade required: Distinction.</p> <p>Additional information: Must be physics and mathematics based.</p> <p><i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.</p>
Open University 2+2 Scheme	<p>The School of Physics welcomes students coming through the Open University 2+2 Scheme. Please contact us for further details on entry requirements.</p>

Key facts

Assessment

Modules are assessed depending on the nature of the work being carried out. For example, if the module involves practical work only, the assessment will be based on laboratory reports alone. For the non-practical modules you will have various combinations of assessment including weekly coursework, termly assignments and an end-of-year examination. For further information regarding assessment for specific modules, see:

www.ph.qmul.ac.uk

Our teaching

You will be taught using a combination of lectures, tutorials and laboratory sessions. You should expect to have three one-hour lectures per week for each module. Exercise classes are designed to support the lectures, and provide an opportunity to work through examples and problems. The laboratory sessions are used to develop your experimental skills such as report writing and error estimation.

Admissions

We invite UCAS applicants to the School for an interview. 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.

Further information

We run a range of outreach activities which prospective students are welcome to attend. For information on these activities and to find out more on studying physics at Queen Mary, please visit www.ph.qmul.ac.uk

You can also keep up to date with us on Facebook and Twitter:

www.facebook.com/PhysicatsQM

www.twitter.com/PhysicatsQM

For further information you can also call the Enquiries Hotline (UK-callers only) on Freephone 0800 376 1800. International students should contact the Admissions Office:

Tel: +44 (0)20 7882 5511

email: admissions@qmul.ac.uk

www.qmul.ac.uk/international



Physics and Astronomy Degree programmes

Physics

F300 BSc/Phy (three years)

F303 MSci/Phy (four years)

Programme description

You will gain a broad theoretical and experimental grounding in your first year of study, covering the key principles. In subsequent years you will build on this knowledge, choosing modules that develop your interests. As the research carried out in the School is so varied – from particle physics and theoretical physics to nanoscience and astrophysics – you will be able to take increasingly specialised modules taught by experts in their field. In your final year, you will have the opportunity to carry out a research project with one of the School's research groups. This will provide you with excellent experience and valuable transferable skills.

Programme outline

Year 1 Compulsory modules: Scientific Measurement • From Newton to Einstein • Mathematical Techniques 1 • Mathematical Techniques 2 • Electric and Magnetic Fields • Quantum Physics • Condensed Matter •

Options include: Our Universe

Year 2 Compulsory modules: Vibrations and Waves • Thermal and Kinetic Physics • Quantum Mechanics A • Nuclear Physics and Astrophysics • Physics Laboratory • Electro-magnetic Waves and Optics •

Options include: Mathematical Techniques 3 (Compulsory for MSci) • Physics of Galaxies • Modern Computation in Physical Science • Planetary Systems • Physics of Energy and the Environment • Condensed Matter 2 • Physical Dynamics

Year 3 Compulsory modules: Extended Independent Project (MSci: Physics Review Project) • Statistical Physics • Synoptic Physics • Elementary Particle Physics • **Options include:** Quantum Mechanics B (Compulsory for MSci) • Solid State Physics (Compulsory for MSci) • Quantum Mechanics and Symmetry (Compulsory for MSci) • Space Time and Gravity • Stars

Year 4 (MSci only) Compulsory modules: Physics Investigative Project or Physics Research Project • **Plus options giving a total of eight modules, including:** Plasma Physics • Atom and Photon Physics • Advanced Quantum Theory • Electrons in Solids • Molecular Physics • Condensed Matter • Particle Physics • Low Temperature Physics and Nanotechnology • Relativistic Waves and Quantum Fields • Electromagnetic Theory

Astrophysics

F526 BSc/Asph (three years)

F523 MSci/Asph (four years)

Programme description

There are lots of questions about the origin and evolution of the universe that we do not have answers to yet. However, astrophysics can help us to investigate our surroundings by applying our knowledge of physics and mathematics to the observations of stars, galaxies and planets. This allows us to investigate how old we think the universe is, how and why it is expanding, how the planets formed and if there is potential for life on other planets.

Programme outline

Year 1 Compulsory modules: Scientific Measurement • From Newton to Einstein • Mathematical Techniques 1 • Mathematical Techniques 2 • Electric and Magnetic Fields • Quantum Physics • Condensed Matter • Our Universe

Year 2 Compulsory modules: Vibrations and Waves • Thermal and Kinetic Physics • Electromagnetic Waves and Optics • Quantum Mechanics A • Nuclear Physics and Astrophysics • Stars • Planetary Systems • **Options include:** Physical Dynamics • Physics Laboratory • Condensed Matter 2 • Physics of Energy and the Environment



Year 3 Compulsory modules: Extended Independent Project (MSci: Physics Review Project) • Statistical Physics • Space Time and Gravity • Physics of Galaxies • Synoptic Physics • **Options include:** Quantum Mechanics B • Modern Computation in Physical Science • Elementary Particle Physics • Statistical Data Analysis • Mathematical Aspects of Cosmology

Year 4 (MSci only) Compulsory module: Physics Investigative Project **or** Physics Research Project • **Options include:** Stellar Structure and Evolution • Solar System • Planetary Atmospheres • Solar Physics • Space Plasmas and Magnetosphere Physics • Astrophysical Plasmas • Extrasolar Planets and Astrophysical Discs • Advanced Cosmology • Particle Physics • Atom and Photon Physics



Career opportunities

Physics

Physics graduates have a great many options open to them. Our graduates have found employment in a wide range of sectors, from business and finance to teaching and academic research. Around one third of our graduates choose further study involving a masters degree followed by a three or four year PhD or employment. Others go directly on to a PhD from their undergraduate degree. The subjects open to both masters and PhD students are vast, including molecular physics, particle physics, theoretical physics, optoelectronics, materials, electrical and electronic engineering and many more.

Astrophysics

A high proportion of our astrophysics graduates continue their work in the subject. Some graduates choose to undertake an MSc in Astrophysics at Queen Mary. The MSc runs over the course of one year and students take advanced modules in fields such as the solar system, cosmology and extragalactic astrophysics. Students are expected to complete an original research project under the supervision of an academic within the School. Astrophysics graduates have the same wide job opportunities as physics graduates.

Graduate profile: Amira Mahmood



Studied: BSc Theoretical Physics

Currently: Teaching Physics in a secondary school, after completing a PGCE at King's College, University of London.

Salary bracket: £35,000-£45,000

Why did you choose Queen Mary?

I chose Queen Mary because of its location and distance from home. The size of the School of Physics was another factor as it has a high staff/student ratio, which allowed the lecturers to get to know the students. This added to the friendly atmosphere which made me feel welcome. Queen Mary also has a wonderful library as well as an established Students' Union.

What did you gain from your time at Queen Mary?

A good education in the subject that I love as well as making friends I am still in contact with. The support staff and lecturers have an informal open door policy which helped greatly when I needed help with anything. Pete and Ted, the lab technicians, always provided support with experiments, physics problems or time to just have an informal chat. After studying physics for three years you gain an insight in to how wonderful the subject is as well as realising how little you still know at the end. It really does open your eyes to the world around you. I still enjoy the subject immensely and try to enthuse my pupils about physics every day.

What are your career plans in the next five years?

I want to establish myself in teaching by becoming Head of Physics at a school. After a few years I would like to study for a PhD in String Theory or Nanotechnology.

Degree programmes

Physics with Particle Physics

F392 BSc/PWPP (three years)

F393 MSci/PWPP (four years)

Programme description

This programme will deepen your understanding of particle physics, covering more advanced concepts than the BSc and MSci programmes in physics. For example you will gain:

- Fundamental knowledge of the standard model of particle physics
- The ability to draw Feynman diagrams
- Statistical knowledge of data analysis in particle physics
- Knowledge of basic concepts of computer programming in modern science
- The ability to apply quantum mechanical principles to the sub-atomic and sub-nuclear physics.

Programme outline

Year 1 Compulsory modules: Scientific Measurement • Condensed Matter • From Newton to Einstein • Mathematical Techniques 1 • Mathematical Techniques 2 • Electric and Magnetic Fields • Quantum Physics • **Plus one option module from:** • Our Universe • Introductory Java Programming

Year 2 Compulsory modules: Thermal and Kinetic Physics • Vibrations and Waves • Nuclear Physics and Astrophysics • Modern Computation in Physical Science • Electromagnetic Waves and Optics • Quantum Mechanics A • Physics Laboratory • **Plus one option module from:** • Physical Dynamics • Stars • Condensed Matter 2 • Physics of Energy and the Environment

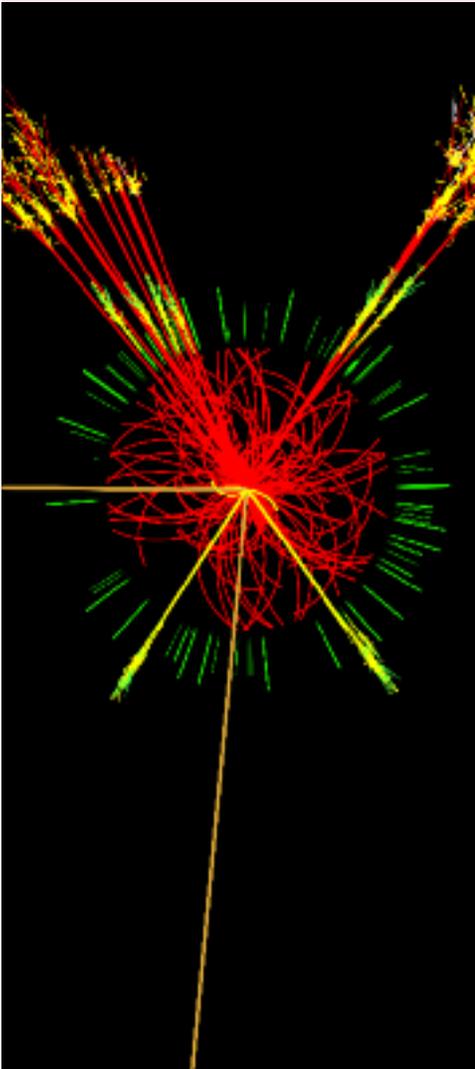
Year 3 Compulsory modules: Extended Independent Project • Synoptic Physics • Quantum Mechanics B • Statistical Data Analysis • Statistical Physics • Elementary Particle Physics • **Plus two option modules from:** Mathematical Techniques 3 • Space Time and Gravity • Physics of Galaxies • Solid State Physics • Quantum Mechanics and Symmetry

Year 4 (MSci only) Compulsory modules: Physics Research Project • Particle Physics • Particle Accelerator Physics • Relativistic Waves and Quantum Fields • **Plus options from:** Advanced Quantum Theory • Atom and Photon Physics • Electromagnetic Theory • Computing and Statistical Data Analysis • Statistical Mechanics • Relativity and Gravitation

Career opportunities

Physics with Particle Physics

This programme will enhance the career prospects of students interested in working on research projects relating to particle physics. Students will graduate with excellent analytical and problem solving skills. These are sought-after by a variety of employers, including the business and financial sectors.



A Simulation of a miniature Black Hole at the Large Hadron Collider.
Copyright CERN

STUDENT PROFILE

Rui Fan

Physics



"The course is well structured but flexible. You can choose non-physics related modules, and it covers a lot of areas young physicists might be interested in. The professors are enthusiastic and you will find that a lot of them, if not all, will be involved in extensive research in their field of expertise.

"Queen Mary is always concerned about students' welfare, and people are assigned to you (academic advisors, student support officer, physics careers officer, etc) to make sure you're happy. In general, the University, has excellent teaching facilities: projectors and microphones and speakers in every lecture venue, and the physics department has lots of up-to-date facilities available for each experiment, as well as over 35 computers in the main laboratory alone.

"The most interesting part of the course was that, apart from the subjects you would expect (maths, quantum physics, astrophysics), we were also able to play around with basic computer programming using Wolfram Mathematica as part of the Mathematics Techniques II module. As someone who has never been involved in programming, I found this fascinating, and I cannot wait to learn more about C++, which can be selected as a module in the second year."

Graduate profile: Marcus Chown



Studied: Physics, graduated 1980

Currently: Science writer and journalist. I write about space and physics but I'm also the cosmology consultant on the New Scientist.

Why did you choose Queen Mary?

I had never heard of Queen Mary but it did astrophysics, which I was interested in, so I applied. The department was very clever. They made sure Patrick Moore had tea with us when we came for an interview. At the time he lectured an introductory astronomy course with Heather Couper. It was immediately obvious it was a small, friendly place where you would know your lecturers well.

What are the best things about your job?

I get to talk to the most interesting people in the world and ask them really stupid questions! I really enjoy writing and the physics element is also really important. I think I'm reasonably good at communicating complicated things. Some students have told me they only studied physics because they read my book. So as a writer you can really make a difference.

How did you get into science journalism?

When I graduated, there were no real career paths for science journalists. I wrote to newspapers and magazines asking for a job. They all told me to get lost – you need to be really persistent! Then finally I got a job on Nature magazine. That really helped, because editors always ask if you have any experience. Nowadays it's easier perhaps, because you can write a blog or use Twitter to get your words and ideas out there.

Tell us about some of the high-points in your career

I was sent to the 2009 Sydney Writers Festival by my publisher. I have also spoken at the Cheltenham, Oxford and Bath Literature Festivals and the Edinburgh Science Festival. And I've worked on a comedy TV series with Andy Hamilton and Reginald D Hunter. But of course there are also bread and butter things that I have to do to pay the gas bill.

Degree programmes

Theoretical Physics

F340 BSc/ThPhy (three years)

F323 MSci/ThPhy (four years)

Programme description

This degree programme focuses on the theoretical and fundamental aspects of physics, and you will take modules leading to a knowledge of quantum theory and general relativity, essential to understanding the fundamental forces of particle physics and gravity. In your final year you have the opportunity to carry out a research project supervised by staff from the Centre for Research in String Theory. See:

www.strings.ph.qmul.ac.uk

Programme outline

Year 1 Compulsory modules: Scientific Measurement • From Newton to Einstein • Mathematical Techniques 1 • Mathematical Techniques 2 • Electric and Magnetic Fields • Quantum Physics • Condensed Matter •

Options include: Our Universe

Year 2 Compulsory modules: Vibrations and Waves • Thermal and Kinetic Physics • Electromagnetic Waves and Optics • Quantum Mechanics A • Nuclear Physics and Astrophysics • Mathematical Techniques 3 • Physical Dynamics • **Options include:** Physics Laboratory • Condensed Matter 2 • Physics of Energy and the Environment

Year 3 Compulsory modules: Extended Independent Project (MSci: Physics Review Project) • Statistical Physics • Synoptic Physics • Quantum Mechanics B • Elementary Particle Physics • Space Time and Gravity • **Options include:** Quantum Mechanics and Symmetry (Compulsory for MSci) • Physics of Galaxies • Modern Computation in Physical Science • Solid State Physics • Fluid Dynamics • Statistical Data Analysis

Year 4 (MSci only) Compulsory modules: Physics Investigative Project or Physics Research Project • Advanced Quantum Theory • Statistical Mechanics • Electromagnetic Theory • Relativistic Waves and Quantum Fields • **Plus two options from an extensive selection of MSci modules**

Career opportunities

Theoretical Physics

Theoretical physics graduates are equipped, like their fellow physics graduates, to adapt to employment in a range of sectors. One popular route for graduates is to complete a PhD before either embarking on a career in academic research or going onto employment in industry or another field – high-level finance is a common example. A PhD takes either three or four years to complete and during this time you will undertake original research in an area of physics.



STUDENT PROFILE

Becky Scott Jupp

Physics

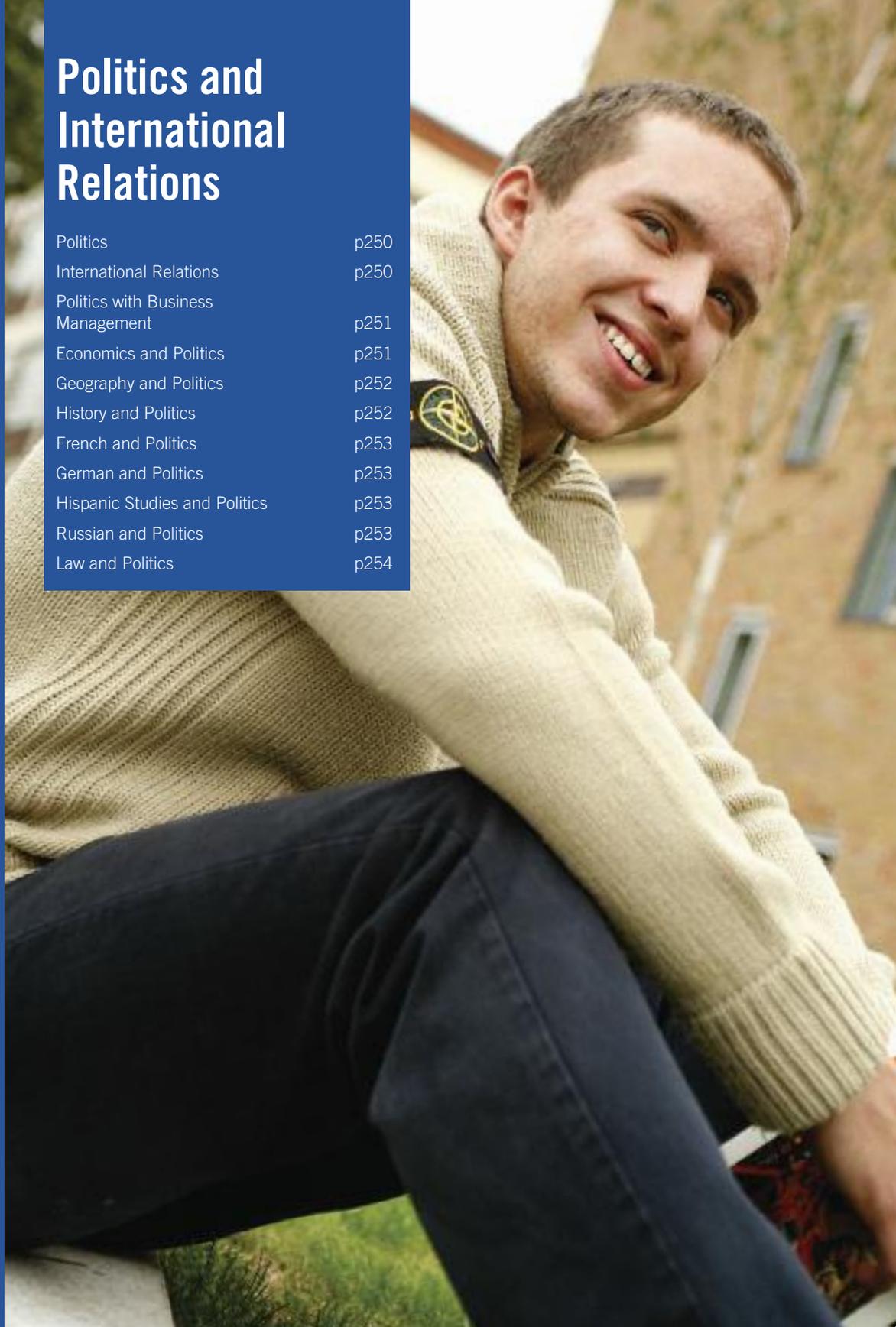
"I was torn between choosing a campus university and a university in the city; Queen Mary offered me both! A campus bubble nestled in the heart of the East End. What more could you want? The location is fantastic – within walking distance of the campus are Brick Lane and Spitalfields markets, Shoreditch with its numerous bars, gigs and vintage shops and, of course, you're only a few tube stops away from central London.

"I rate the academic facilities very highly. In particular, the newly refurbished library, which is a great place to study with friends or panic over forthcoming exams! Also, the amount of support offered by second and third year physics students to us first years is impressive. No one explains a tricky homework problem better than the person who was going through the same thing twelve months ago.

"I am a proud member of swimming club, snowsports society and the physics society. I think that it is important to get involved in clubs and societies, meeting people with common interests outside physics – and the socials are fantastic! I also work part time as a Physics Ambassador, which means that every other week, over a free lunch, I reassure prospective students that the lecturers interviewing them aren't so terrifying and talk to them about how much I love physics. I'm a proud geek."

Politics and International Relations

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School of Politics and International Relations

FAQs

What is politics and international relations at Queen Mary?

The study of politics and international relations concentrates on the way in which individuals have organised, and continue to organise, their social and collective life. Political science is an academic discipline with a long history, going back to the ancient Greeks. It has two main aspects, both of which are taught at Queen Mary: the study of government and political institutions, and the study of political ideas and ideologies. In contrast, international relations is a relatively youthful discipline that is concerned with the political relations between states and various non-state actors (eg NGOs, multinational companies, trade unions, the media) in the international order.

At Queen Mary, you will have the chance to study both disciplines from the perspective of the UK, Europe, the Middle East and the Americas. Each programme has its own specific modules and programme route, however you will be given the chance to study modules that are pertinent to both disciplines. You will be introduced to theories of both politics and international relations and will analyse topical debates on, among others, the state, representative democracy, British politics, global governance, war and security, the politics of the developing world, US foreign policy, gender and politics, the politics of the Middle East, European integration, electoral behaviour, public policy and globalisation. At the end of your programme you will have acquired the skills needed to analyse and make sense of these real-life issues that have changed and continue to change our world.

Why study politics or international relations?

What can I do afterwards?

As a politics or international relations graduate there will be many job options available to you, both inside and outside the world of politics. Your time with us will equip you with a breadth of marketable skills:

- Analytical ability – politics is all about logical and critical thinking and making sense of complicated issues and relationships
- Research skills – the ability to interpret and use data, and undertake and manage your own independent research, demonstrated particularly in the 12,000-word dissertation you'll complete over your final year

- Writing ability – essays, exams and seminar papers, plus the dissertation will ensure you can do far more than just string sentences together
- Presentation skills – you'll give seminar presentations, take part in debates and even role-playing exercises
- IT skills – as with all subjects at university, you'll word-process your work, use email to correspond with your tutors and use many online databases and journals in researching essays and so on.

Why study politics or international relations at Queen Mary?

We're an expanding School and pride ourselves on the friendly and informal approach of our great teachers. You'll get one-to-one supervision for your dissertation and our small seminar groups are all led by academic staff. In the National Student Survey 2011, 88 per cent of our students were satisfied overall with the quality of their experience and 90 per cent were employed or doing further study six months after graduation.

In the most recent Research Assessment Exercise (RAE 2008), the School of Politics and International Relations was rated very highly for the quality of our research. And in 2011, the *Guardian* ranked us 10th in the UK in its league table of politics departments. Our staff have diverse research interests, and this is reflected in the choice of modules available to students.

There are huge benefits to studying politics in London, with national political institutions, party headquarters, high-profile international organisations and think-tanks all based here. At Queen Mary, we exploit our location to the full, inviting a range of high-profile and inspiring speakers to the campus. In the first six months of 2011 alone, David Willetts MP, Baroness Hayman, and Lords Healey, Mandelson and Hurd all came to speak to our Mile End Group, a forum for the exchange of ideas on government. There's also a student-run politics society who organise debates and events of their own.

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: 360 points, equivalent to three As at A-level.</p> <p>Additional information: Preference for A or better in a social science subject (eg government/politics, sociology) or history and no grade below an A in any one subject.</p> <p>Excluded subjects: General studies and critical thinking.</p>
Vocational or applied A-levels	<p>Up to two vocational A-levels may be offered, or one double award, but applicants must also offer at least one GCE A-Level.</p> <p>Additional information: Must be combined with an A2 in a relevant subject at grade A or above.</p>
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with other qualifications.</p> <p>Subjects and grades required: Overall double grade of DD.</p> <p>Additional information: Arts/humanities-based course preferred.</p>
BTEC Level 3 Extended Diploma (180 credits)	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: Overall DDD.</p> <p>Additional information: Arts/humanities-based course preferred.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 36 points overall • 3 Higher Levels 6 or above.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 85 per cent overall with 8 in English and 8 in another subject.</p>
Access to HE Diploma	<p>Credit and grade requirement: Distinction in at least 24 Level 3 credits, and Merit in at least 12 Level 3 credits.</p> <p><i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	<p>The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries</p>
Other qualifications	<p>The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.</p>

This information is accurate at the time of going to press, but please check www.politics.qmul.ac.uk for the most up-to-date details.

Key facts

Assessment

Students are assessed by a combination of coursework and exams. A few modules are assessed by coursework only. If a module is assessed by means of coursework alone, this is usually in the form of a research project or dissertation, and the tutor project supervisor offers guidance and support in the researching and writing of this piece of assessment.

First year assessment: for most first year modules, students complete three essays. These are assessed by a combination of coursework (25 per cent) and examination (75 per cent).

Second and third year assessment: most modules require students to complete two essays, which count for 20 per cent each of the total grade, the remaining 60 per cent being calculated by examination. Exact requirements depend on the nature of the module in question.

For further information regarding specific modules, see: www.politics.qmul.ac.uk

Our teaching

As a student at Queen Mary, you will play an active part in your acquisition of skills and knowledge. Teaching is by a mixture of formal lectures and small group seminars. The seminars are designed to generate informed discussion around set topics, and may involve student presentations, group exercise and

role-play as well as open discussion. We take pride in the close and friendly working relationship we have with our students. You are assigned an Academic Adviser who will guide you in both academic and pastoral matters throughout your time at Queen Mary.

Admissions

Admission is by UCAS form only. All applications are given careful consideration.

Further information

Undergraduate Administrator
Tel: +44 (0)20 7882 8600
Fax: +44 (0)20 7882 7044
email: politics@qmul.ac.uk
www.politics.qmul.ac.uk

For more information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800.

International students should contact the Admissions Office:
Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international



Politics and International Relations Degree programmes



Politics

L202 BA/Pol (three years)

Programme description

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 and comparative politics. As with all the degree programmes in the School, the BA in Politics is taught within a modular framework. This means that you are able to select modules according to your areas of interest, alongside the core modules associated with your programme.

Programme outline

Year 1 Core modules: Introduction to Politics • Comparative Government and Politics • Political Analysis • **Either** Introduction to International Relations **or one other module** chosen from another School within the Faculty, for example, Modern Languages, History or Geography

Year 2 Core modules: Modern Political Thought • British Politics • Theories of State: Economy and Society • Representative Democracy in Practice • **Options include:** Global Governance • International Politics of the Developing World • International Relations: Theories and Contemporary Issues • War and Security in World Politics • **Plus options** from another School within the Faculty

Year 3 Core modules: The Research Project • **Options include:** Case Studies in Ethnic Conflict: Ireland and Northern Ireland • Electoral Behaviour • Theories of the Self • European Integration and the European Union as a Political System • Select Topics in British Government • The Politics of Economic Ideas • French Politics • Theory and Practice in Environmental Politics • The Politics of Post-Colonial Middle East • Gender and Politics • Globalisation: Issues and Debates • Theories of Radical Democracy and Politics • Politics of the New Left • US Foreign Policy • Liberalism, Past and Present

International Relations

L250 BA/IntR (three years)

Programme description

International Relations (IR) at Queen Mary covers the broad themes and theories associated with the study of IR, but also draws on the School's distinctive expertise in a number of areas. You will undertake the historical study of IR, through the Cold War and into the current era of globalisation and the 'war on terror'. They also examine theories of IR, applying them and reflecting on their relevance through the use of both historical and contemporary examples.

Programme outline

Year 1 Core modules: Introduction to Politics • Introduction to International Relations • Political Analysis • **Either** Comparative Government and Politics **or one other module** chosen from another School in the Faculty

Year 2 Core modules: International Relations: Theories and Contemporary Issues • Global Governance • International Politics of the Developing World • War and Security in World Politics • **Options include:** Modern Political Thought • British Politics • Theories of State: Economy and Society • Representative Democracy in Practice • Options from another School within the Faculty

Year 3 Core modules: The International Relations Research Project • **Options include:** The Politics of Post-Colonial Middle East • European Politics: National Identity and Ethnicity • Tolerance: Theories and Cases • Globalisation: Issues and Debates • US Foreign Policy • Case Studies in Ethnic Conflict: Ireland and Northern Ireland • Electoral Behaviour • Theories of the Self • European Integration and the European Union as a Political System • Select Topics in British Government • Gender and Politics • Analysing Public Policy • Resistance, Revolutionary Change and World Politics • Theories of Radical Democracy and Politics



Politics with Business Management

L2NF BA/PWBM (three years)

Programme description

Politics with Business Management is a major/minor degree programme. It provides you with the opportunity to pursue business management modules with a vocational slant, while the politics modules give you an intellectual framework of understanding. The primary aim of the business management side of the programme is to develop your ability to make critical analyses and evaluations that are relevant to management. This is achieved by building an understanding of the forces at work in business alongside knowledge of techniques, but above all through active exposure to the process of critical analysis itself.

Programme outline

Year 1 Core modules: Introduction to Politics • Introduction to International Relations • Comparative Government and Politics • Fundamentals of Management • Economics for Business

Years 2 and 3 Politics options include: British Politics • Global Governance • International Politics of the Developing World • International Relations: Theories and Concepts • Modern Political Thought • Political Theories of the State, Economy and Society • War and Security in World Politics • Case Studies in Ethnic Conflict: Ireland and Northern Ireland • Electoral Behaviour • Theories of the Self • European Integration and the European Union as a Political System • Select Topics in British Government 1 • The Politics of Economic Ideas • French Politics • Theory and Practice in Environmental Politics • The Politics of Post-Colonial Middle East • European Politics: National Identity and Ethnicity • Analysing Public Policy • Liberalism, Past and Present • **Business Management options include:** Marketing • Financial Accounting • Strategy and Management of Human Resources

Economics and Politics

LL12 BScEcon/Pol (three years)

Programme description

Politics and economics are closely related disciplines. In the first year you will take four politics, and four economics modules. You can choose from core modules in macroeconomics, microeconomics and the quantitative techniques used in economic investigation taught in the School of Economics and Finance, combined with modules in introductory politics, comparative government and politics, and international relations, taught by the School of Politics and International Relations. In your second and third years you can continue to split your studies in equal proportions, or you can specialise more completely according to how your interests develop.

Programme outline

Year 1 Core modules: Introduction to Politics • **Either:** Introduction to International Relations **or** Comparative Government and Politics • **Economics Options include:** Principles of Economics • Mathematical Methods in Economics and Business 1 • Microeconomics 1 • Macroeconomics 1

Years 2 and 3 Politics options include: British Politics • Global Governance • International Politics of the Developing World • International Relations: Theories and Concepts • Modern Political Thought • Political Theories of the State, Economy and Society • War and Security in World Politics • Case Studies in Ethnic Conflict: Ireland and Northern Ireland • Electoral Behaviour • Politics of Economic Ideas • European Integration and the European Union as a Political System • **Economics options include:** Games and Strategies • Microeconomics 2 • Macroeconomics 2 • Statistical Methods in Economics

Degree programmes

Geography and Politics

LL72 BA/GeoPol (three years)

Programme description

If you are interested in current affairs as well as the dynamic environmental, social and cultural systems and processes in the world around us, this programme is for you. It explores the spatial and social aspects of government activity, and will extend your knowledge of political theory and practice by relating politics to its geographical context. This entails an exploration of the geographical bases of politics alongside the study of political theory and practice. Within geography, your choices will usually fall within human geography, with modules on cities, public policy and the developing world. You make your choice of modules and final-year project with the guidance of a personal tutor, and usually divide your studies equally between geography and politics each year.

Programme outline

Year 1 Core module: Introduction to Politics • **Either** Introduction to International Relations **or** Comparative Government and Politics • **Geography compulsory modules:** Introduction to Geographical Ideas and Practice • Critical Human Geographies • **Options include:** Geographical Perspectives • Environment, Nature and Society • Analysing Geographical and Environmental Data • An Introduction to Qualitative Research Methods

Year 2 Politics options include: British Politics • Global Governance • International Politics of the Developing World • International Relations: Theories and Concepts • Modern Political Thought • Political Theories of the State, Economy and Society • War and Security in World Politics • **Geography options include:** Geographical Research in Practice • Geographical Information Systems • Health, Inequality and Society • Society, Culture and Space • Urban Futures • Spaces of Uneven Development

Year 3 Politics options include: Electoral Behaviour • Theories of the Self • European Integration and the European Union as a Political System • The Politics of Economic Ideas • French Politics • Theory and Practice in Environmental Politics • European Politics: National Identity and Ethnicity • Liberalism, Past and Present • **Geography options include:** Gender and Development • Geographies of Home • Geographies of Labour • Geography, Identity, Belonging • Global Historical Geographies • Independent Geographical Study • Body, Health and Society • Regional Economics and Policy • Spaces of Post-Socialism • The Geopolitics of Life • The Politics of Development • Urbanism, Culture and Modernity • Victorian London: Economy Society and Culture

History and Politics

LV21 BA/HisPol (three years)

Programme description

This degree is jointly taught by the Schools of History and Politics 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.

Programme outline

Year 1 Core History module: Making History • **History options include:** The Road From 1945: Britain Since the Second World War • Europe Since 1890 • **Core Politics module:** Introduction to Politics • **Politics option: either** Introduction to International Relations **or** Comparative Government and Politics

Year 2 Core module: either Modern Political Thought **or** History or Western Political Thought • **History Options include:** Methods of History • Britain and Europe 1945-73 • The Great War: British Experience, Literature and Myth • Left in Western Europe • Victorian Political Thought • **Politics Options include:** British Politics • Global Governance • International Politics of the Developing World • International Relations: Theories and Concepts • Political Theories of the State, Economy and Society • War and Security in World Politics

Year 3 History options include: Kennedy Years • Winston Churchill, Writer and Politician • Enlightenment • **Politics options include:** Case Studies in Ethnic Conflict: Ireland and Northern Ireland • Electoral Behaviour • Theories of the Self • European Integration and the European Union as a Political System • The Politics of Economic Ideas • French Politics • Theory and Practice in Environmental Politics • European Politics: National Identity and Ethnicity • Liberalism, Past and Present • US Foreign Policy

French and Politics

LR21 BA/FrPol4 (four years)

German and Politics

LR22 BA/GePol4 (four years)

Hispanic Studies and Politics

LR24 BA/HSPol4 (four years)

Russian and Politics

LR27 BA/RusPol4 (four years)

Programme description

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. For more information about the year abroad, see www.sllf.qmul.ac.uk

Programme outline

The following is modelled on the French and Politics BA but holds for all joint degrees in a language and politics.

Year 1 Core modules: Introduction to Politics • French I • French Foundations • **plus either:** Comparative Government and Politics **or** Introduction to International Relations

Years 2 and 4 (Year 3 will normally be spent abroad)

Politics options include: British Politics • Global Governance • International Politics of the Developing World • International Relations: Theories and Concepts • Modern Political Thought • Theories of the State, Economy and Society • War and Security in World Politics • Case Studies in Ethnic Conflict: Ireland and Northern Ireland • Electoral Behaviour • Theories of the Self • European Integration and the European Union as a Political System • Select Topics in British Government 1 • Select Topics in British Government 2 • The Politics of Economic Ideas • French Politics • Theory and Practice in Environmental Politics • The Politics of the Post-Colonial Middle East • European Politics: National Identity and Ethnicity • Analysing Public Policy • European Politics: National Identity and Ethnicity • **Core language modules:** French II and French III • **French options include:** Memories of WWII

Graduate profile: Shuvra de la Mer



Studied: Politics

Currently: I am a senior journalist for 'News and Multimedia' at BBC Monitoring.

Why did you choose Queen Mary?

I knew Queen Mary had a very good School of Politics and International Relations. I also liked the fact that it is a part of the University of London, which is respected worldwide.

What did you gain from your time at Queen Mary?

I think education is more than just attending lectures and reading books. As well as these, Queen Mary gave me the opportunity to engage with like-minded students through clubs and societies, organised outings and events, and a vibrant social atmosphere.

Salary bracket: £25,000-£35,000

What are your career plans in the next five years?

I intend to expand my experience and skills in journalism, begin further university education, and travel more widely in the next five years.

Degree programmes

in Literature, Film and Arts • Twentieth-Century French Thought: Values and Violence • French Phonetics and Phonology • The Edutainers: Francophone Children's Literature • Theatre and Conflict: Early Modern French Drama • Proust • Imagining Modernity: Creative Writing • Lovers and Libertines: Eighteenth Century French Fiction • Language and Identity in Québec

Year 3 Year abroad: Written Assignment

Law and Politics

ML12 BA/LawPol (three years)

Programme description

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 side by side in a three-year programme. In the first year, you take Constitutional Law and the Law of Contract, together with Introduction to Politics and another full option within the School of Politics and International Relations. The programme is designed so that you could, by choosing the appropriate law options, obtain the usual exemptions from legal professional examinations, or alternatively you could focus on subjects in the School of Politics and International Relations. The degree is aimed at those who wish to pursue a career in which knowledge of both the legal and governmental system is of major importance, and should appeal especially to those wishing to study public policy in its legal context.

Programme outline

Year 1 Public Law I (Constitutional Law) • Common Law I (Law of Contract) • Introduction to Politics and **either** Comparative Government and Politics **or** Introduction to International Relations

Year 2 Students wishing to graduate with a qualifying law degree: Law of the European Union (half-module) • Administrative Law (half-module) • Law of Property I (Land Law) • Criminal Law • One module from Politics

Non-qualifying: Law of the European Union (half-module) • Administrative Law (half-module) • Three modules from Law or Politics of which one full module must be from Politics

Year 3 Students wishing to graduate with a qualifying law degree: Common Law II (Law of Torts) • Law of Property III • One module from law and one module from politics

Non-qualifying: Four module options from either law or politics. Students must do at least one module from law and one module from politics.

Career opportunities

Politics; International Relations; Politics with Business Management; Economics and Politics; Geography and Politics; History and Politics; Law and Politics

These programmes will enhance your career prospects by allowing you to develop transferable skills, including writing, analytical, research and communication skills which are valued in a wide variety of fields in the labour market. More specifically, you will gain a strong grounding in current debates, providing the basis for work in fields such as the civil service, the voluntary sector, journalism, teaching, and further study in higher education. A number of our graduates go on to careers within European government and institutions. Some continue their studies at postgraduate level.

Language and Politics

For a graduate in a language and politics there are plenty of interesting and challenging job opportunities open to you, both within the UK, Europe and beyond. Currently the UK is short of linguists, which in a globalised world dependant on effective communication and multi-cultural awareness, puts you in a strong position. And although fluency and confidence in a foreign language are increasingly recognised as essential skills in the job market, you are not 'just a linguist'. In addition to your excellent communication skills – written and spoken – and your cultural flexibility that comes from having lived, and perhaps worked, abroad, you will also have an astute political understanding.

Your training in the analysis and interpretation of material as well as in report-writing and team work provide you with a range of transferable skills that an employer can use in whatever field you choose. Our graduates are attracted to directions as diverse as banking, multinational corporations, marketing, PR, sales, management consultancy, the diplomatic service, publishing, the media, teaching, law, computing and library management.



STUDENT PROFILE

Aaman Birk

International Relations

"I was immediately drawn to the fact that Queen Mary is campus-based and in the city. I'd also heard that it has a friendly atmosphere as well as a great position in the league tables.

"I really like the teaching methods at Queen Mary. Your personal tutor is always available to help, as are the seminar tutors who also have regular office hours. The online Blackboard system is very useful for getting important course notes and information while you are off campus.

"It may sound geeky but my favourite place on campus is the library – the facilities are so up to date and there are quiet areas for revision and more lively areas for group study. I love the fact that it is open 24-hours a day during the exam period.

"I've also joined the Qmotion gym. The equipment there is excellent, the changing rooms are clean and the staff are helpful. The price of membership is very reasonable, and it has great opening times too; you can use it before lectures early in the morning and after dinner or work in the evening."

Psychology

Psychology

p260

Biology with Psychology

p260



School of Biological and Chemical Sciences

FAQs

What is psychology at Queen Mary?

Psychology is the scientific study of mental processes and behaviour. At Queen Mary, psychology is based in the School of Biological and Chemical Sciences. If you're fascinated by questions such as:

- Do humans and non-human animals think alike?
- Can we predict the behaviour of individuals and groups?
- How do we perceive colour and remember things?
- Why do groups sometimes come into conflict with each other?
- Why did language evolve?
- Are there sex differences in cognition and personality?

...and you would like to:

- Study psychology in the context of biology
- Gain skills for career flexibility – to work in science or non-science areas

...then a degree in psychology is ideal!

Why study psychology? What can I do afterwards?

Due to the multidisciplinary and scientific nature of this programme, you will develop an impressive range of transferable skills, including:

- Quantitative analytical research skills and numeracy
- Insight into the behaviour of individuals and groups
- Communication and critical evaluation, including report writing and presentation skills
- IT skills, including word processing, spreadsheets, statistical software usage, and web-based data searching
- Data handling and interpretation skills.

A psychology degree is a pathway to professional training in psychology (such as clinical or educational psychology) and postgraduate training (masters, MPhil or PhD) in the behavioural and biological sciences (such as psychology, neuroscience, social sciences, public health and epidemiology). **The BSc Psychology is accredited by the British Psychological Society (BPS) as conferring eligibility for the Graduate Basis for Chartered Membership (GBC).**

Many psychology graduates go into high-profile non-science careers such as marketing, scientific and legal consultancy, banking and finance, human resources and organisational management, the media, social work, teaching, and much more.

Why study psychology at Queen Mary?

Psychology is based in the School of Biological and Chemical Sciences, which is one of the biggest departments of its type in the UK, with more than 70 members of academic staff. In the most recent National Student Survey (NSS 2011), over 90 per cent of our students expressed overall satisfaction with their studies in the School.

Psychology at Queen Mary is seen as a natural and experimental science. This arises from 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 approach differs from many other psychology degrees, and uniquely prepares our students for further study and careers in both the biological/medical sciences and the social sciences and humanities.

The programme features a large range of compulsory and option modules, with a selection of some additional modules from the biological sciences relevant to psychology (such as evolutionary biology and neuroscience). Students have flexibility in choosing modules, subject only to timetable constraints and the requirement to register for compulsory modules.

For many Queen Mary students, the highlight of their undergraduate career is the final year project – an opportunity to carry out original research alongside established researchers. This can involve lab-based experiments with human or non-human subjects, or time spent at Barts and The London School of Medicine and Dentistry or other research institutions, including the Institute of Zoology, the Natural History Museum, The Institute of Psychiatry at King's College London, and others.

Projects typically involve testing human participants in our psychology laboratory facilities. Recent projects have addressed topics such as visual attention, decision-making, processing of facial emotion, and cross-cultural differences among immigrant communities. Students can also choose to specialise in research with non-human species, with recent projects addressing nicotine addiction in zebra fish, cognitive abilities of parrots, visual attention in insects, and social evolution in naked mole rats.

The School recognises the time, effort and passion that students invest into their A-level (and equivalent) studies and a number of scholarships are available for outstanding students. For more information about these scholarships, please see www.sbcs.qmul.ac.uk

Entry requirements

A/AS-levels	<p>Tariff/Grades requirement: For Psychology (C800), we require 340 points at A2-level (AAB) normally to include at least one science subject (including psychology). For Biology with Psychology (C1C8), 300 points at A2-level. Biology A2 is required at grade C or above.</p> <p>Additional information: Minimum grade C in GCSE maths and English language. In addition to specifically required subjects, other A2-level subjects that may be acceptable include another science subject (preferable), English, a language, a traditional humanities subject or a social science. A fourth subject at AS-level is not required if three A-level subjects are offered</p> <p>Excluded subjects: General studies.</p>
Vocational or applied A-levels	Vocational subjects at A2-level are only accepted with high grades.
BTEC Level 3 Diploma (120 credits)	<p>Acceptability: Acceptable only when combined with relevant A2-levels. Not acceptable for C800.</p> <p>Subjects and grades required: We will consider applications on a case-by-case basis from students with a BTEC National Certificate in combination with relevant A2-levels, where there is clear evidence of exceptional quality and when we are satisfied that the qualification offered is of sufficient academic rigour; this may involve an interview.</p>
BTEC Level 3 Extended Diploma (180 credits) (excluding early years)	<p>Acceptability: Acceptable on its own and combined with other qualifications. Not acceptable for C800. We will also consider applications on a case-by-case basis from students with BTEC National Diploma, where there is clear evidence of exceptional quality and when we are satisfied that the qualification offered is of sufficient academic rigour; this may involve an interview.</p>
International Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 34 for Psychology (C800) to include maths or science subjects at Higher Level and three other subjects (Higher or Standard Level) with at least a grade 6. For Biology with Psychology (C1C8), 32 points to include biology at Higher Level and three other subjects (Higher or Standard Level) with at least a grade 6.</p>
European Baccalaureate	<p>Acceptability: Acceptable on its own and combined with other qualifications.</p> <p>Subjects and grades required: 80 per cent including biology.</p>
Access to HE Diploma	<p>Acceptability: We will consider applications on a case-by-case basis from students with Access to HE Diploma, where there is clear evidence of exceptional quality and when we are satisfied that the qualification offered is of sufficient academic rigour; this may involve an interview. Not acceptable for C800.</p> <p><i>Recognised by the Quality Assurance Agency for HE</i></p>
European and international qualifications	The College accepts a wide range of EU and international qualifications, including selected international foundation programmes. For further information please contact the Admissions Office, or visit: www.qmul.ac.uk/international/countries
Other qualifications	The College welcomes applications from those holding qualifications not listed above. Staff in the Admissions Office will be happy to advise you as to the acceptability of your qualification.

Key facts

Assessment

For all programmes you must take eight modules in each academic year. Each module is assessed using a combination of examinations and coursework. Final year students undertake a research project (up to one or two modules). For further information regarding assessment for specific psychology modules, see: www.sbcs.qmul.ac.uk/admissions

Our teaching

A typical psychology module will run for one semester, and comprise a combination of 22 hours of lectures and up to nine hours of practical sessions. In these practical sessions you will get hands-on experience running your own experiments, questionnaires and surveys. These lectures and practicals are supplemented with regular tutorials in small groups of six to eight students.

Admissions

Admission is by UCAS form. Successful applicants will normally be invited to an open day to gain more information about their chosen programme, the School, and meet the staff. Interviews are not usually required.

Further information

For up-to-date information on programme structures and entry requirements, visit our website or contact us on:

School of Biological and Chemical Sciences
Tel: +44 (0)20 7882 3200/ 3014
Fax: +44 (0)20 7882 7732
email: sbcs-admissions@qmul.ac.uk
www.sbcs.qmul.ac.uk

For further information you can also call the Enquiries Hotline (UK callers only) on Freephone 0800 376 1800. International students should contact the Admissions Office on:
Tel: +44 (0)20 7882 5511
email: admissions@qmul.ac.uk
www.qmul.ac.uk/international

STUDENT PROFILE: Chih-Sheng Chang

Biology with Psychology



"I chose to study at Queen Mary because the programme relates to the field I want to specialise in. I was impressed by the many positive student reviews, and the statistics compiled by *Times Higher Education*."

"The College is not limited to one way of teaching, so students are not limited either. For example, we can complete certain assessments online, making learning both interactive and effective. Laboratory work and field trips add to this, providing the experience which books alone cannot. There are lots of facilities for students from reference books and study materials to computers."

"The campus is a good place to live, with the Drapers' Bar, cafeteria and a well-equipped gym. For students it's very convenient without having to set foot outside. However, the area around Queen Mary includes countless restaurants, a park, student accommodation and a cinema."

"I belong to the badminton club and am very happy to have joined. It gives me the opportunity to work off the stress and engage in competitive sports. Clubs and societies are great places to meet new friends and socialise with existing ones."

Psychology

Degree programmes

Psychology

C800 BSc/Psy (three years)

Programme description

This degree will provide you with a broad understanding of psychology as a natural science. You will cover the main subject areas of psychology, but these will be integrated by Queen Mary's experimental and biological approach. Core topics include: introduction to basic psychological principles, brain and behaviour, evolution, comparative cognition, cognitive science, social and developmental psychology, personality and individual differences, and applied psychology. 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.

Programme outline

Year 1 Compulsory modules: Essential Skills for Psychologists • Exploring Psychology • Evolution • Brain and Behaviour • Research Methods and Statistics in Psychology I • Cognition, Evolution and Behaviour • Biology for Psychologists • **Options include:** Heredity and Gene Action • Language Acquisition

Year 2 Compulsory modules: Cognitive Psychology • Social and Developmental Psychology • Research Methods and Statistics in Psychology II • Evolutionary Psychology • **Options include:** Language and Mind • Fundamentals of Neurobiology • Abnormal and Clinical Psychology • Health Psychology • Animal Physiology • Evolutionary Genetics

Year 3 Compulsory modules: Psychology Research Project/Extended Essay in Psychology • Personality and Individual Differences • Animal Cognition • **Options include:** Behavioural Ecology • Neuroscience: From Molecules to Behaviour • Design for Human Interaction • Mammals and Evolution • Consciousness and Causality • The Psychology of Society and the Origins of Morality

For information on medically related subjects at Queen Mary, please see page 219.

Biology with Psychology

C1C8 BSc/BWP (three years)

Programme description

If you want to study psychology as a natural and experimental science alongside biology, this is the programme for you. You will cover core topics including comparative cognition and learning, cognitive, social and developmental psychology, personality and individual differences. This will be supported by compulsory and option modules in genetics, evolution, animal physiology and neurobiology. You will be able to conduct a final-year project in one of several areas of biological and experimental psychology.

Programme outline

Year 1 Compulsory modules: Essential Skills for Biologists • Exploring Psychology • Evolution • Cognition, Evolution and Behaviour • **Options include:** Cell Dynamics • Heredity and Gene Action • Basic Biochemistry • Conservation and the Environment • Chemistry for Biologists • Introductory Chemistry • Ecological and Environmental Techniques • The Diversity of Life

Year 2 Compulsory modules: Cognitive Psychology • Animal Physiology • Social and Developmental Psychology • Fundamentals of Neurobiology • Statistical Methods in Biology • **Options include:** General Microbiology • Evolutionary Genetics • Transmission Genetics • Metabolic Pathways • Genes and Bioinformatics • Microbial Physiology and Growth • Populations, Communities and Ecosystems

Year 3 Compulsory modules: Biological Sciences Psychology Research Project/Investigative Project/Project Skills in The Life Sciences • Personality



and Individual Differences • Integrative Studies in Biological Sciences • Neuroscience: Molecules to Behaviour • **Options include:** Human Genetics and Genomics • Mammals and Evolution • Endocrine Physiology and Biochemistry • Membrane Proteins • Developmental Biology and Cell Signalling • Parasites and Infectious Disease • Functional Genomics and Epigenetics • Molecular Basis of Disease • Population and Chromosome Genetics • Behavioural Ecology

For information on medically related subjects at Queen Mary, please see page 219.

Career opportunities

These programmes will equip you with a range of transferable analytical, research and communication skills valued by employers in science and non-science careers as well as skills in understanding individual and group behaviour. The BSc Psychology is accredited by the British Psychological Society (BPS) as conferring eligibility for the Graduate Basis for Chartered Membership (GBC). This means you have the option to progress to professional training in psychology via a graduate diploma psychology conversion course and postgraduate training in the psychological and biological sciences (find out more here www.bps.org.uk).



Graduate profile: Susanna Roberts



Studied: BSc Biology with Psychology (graduated 2011 with first class honours)

Currently: PhD student at the centre for Social, Genetic and Developmental Psychology, King's College London

Why did you choose Queen Mary? I came to Queen Mary through clearing. When looking at my options it became clear that Queen Mary was the obvious

choice for me – the course was perfect for what I wanted to do, and the facilities and atmosphere at the College were great.

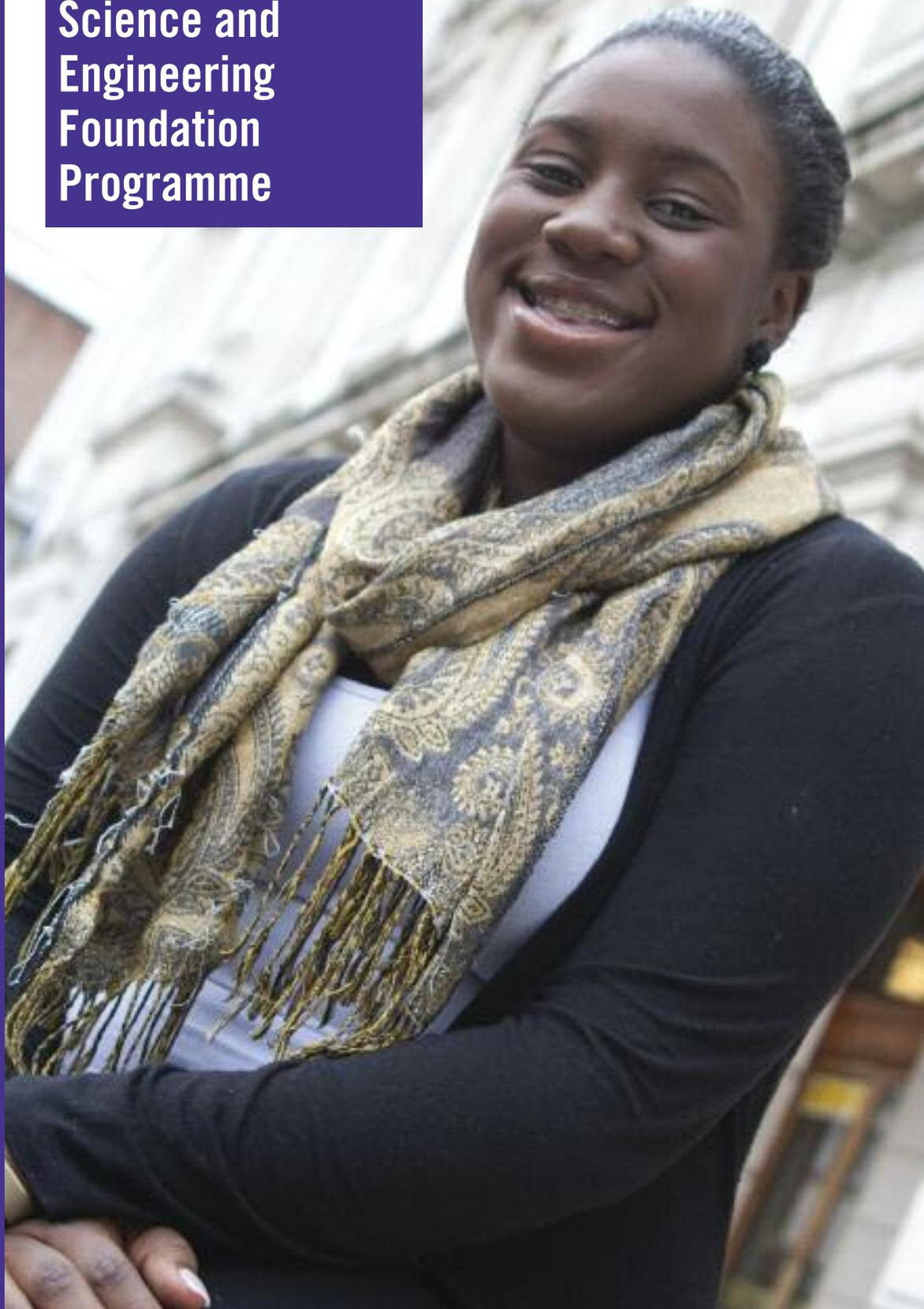
How did your time at Queen Mary prepare you for work?

My time at Queen Mary provided me with a fantastic base with which to go into a research-based PhD course. The opportunities for interaction with my tutors and lecturers supported my study and learning, and I really benefitted from their guidance and advice. The training I was given in lab and research-based environments (such as doing the third year research project) really prepared me for the work I am now doing.

What can current students do to prepare for getting a job in your area?

When looking into doing a PhD it can be helpful to be relatively open-minded – look at a variety of institutions, people you'd like to work with, and funding options for the subject you'd like to do. It is important to have a strong application too – references from the department are invaluable, and your personal statement says a lot about you. Most importantly, make the most of the opportunities that Queen Mary can offer you.

**Science and
Engineering
Foundation
Programme**



Science and Engineering Foundation Programme

The Science and Engineering Foundation Programme (SEFP) offers an alternative entry route on to Queen Mary degree programmes in the fields of science and engineering, and specifically caters for those applicants who do not meet the normal entry requirements.

It is one of the longest-running and most highly regarded foundation programmes offered in the UK and, since its inception, has enabled many hundreds of students to achieve their goal of graduating with a prestigious University of London degree.

The foundation year of the programme is specifically designed to equip students with the skills and knowledge necessary to undertake undergraduate degrees in science and engineering. Students who successfully complete this foundation year can then progress to the first year of degree programmes offered by the following departments: Biological and Chemical Sciences; Engineering and Materials Science; Environmental Science; Mathematical Sciences; Physics and Astronomy; Electronic Engineering and Computer Science.

The programme is taught entirely on the Mile End campus at Queen Mary. Students have access to all Queen Mary's facilities and are full-time students of the College. The modules studied on the foundation year depend on high school qualifications, English proficiency and intended degree after the foundation.

Example 1: an international student planning to study Aerospace Engineering or Mechanical Engineering would normally take the following modules: Essential Foundation Mathematics • Mathematics 1 • English Language 1 • Physics – Mechanics and Materials • Mathematics 2 • Communication in Science and Technology • Physics – Electricity and Atomic Physics • Introduction to Engineering

Example 2: a UK student (without mathematics at A-level) wishing to pursue a degree in Medical Genetics or Pharmaceutical Chemistry would normally take the following modules: Principles of Mathematics • Introductory Chemistry • Form and Function in Biology • Communication in Science and Technology • Mathematics 1 • A Closer Look at Chemistry • Molecules to Cells • Diversity and Ecology

For full details of the programme, including information about foundation year modules, visit www.sefp.qmul.ac.uk

The SEFP is available to both Home/EU and international students.

UK applicants must typically have a minimum of 240 UCAS tariff points, including passes in appropriate subjects at A2-level to be considered for entry. However, conditional offers for admission onto the SEFP do vary according to the degree which candidates wish to study after the foundation year, and can be significantly higher than this minimum requirement. For more details please see the relevant academic school website.

Applications from Home/EU students for entry to the SEFP must be made through www.ucas.com. The programme code that you should select depends on the subject area of the degree programme that you wish to follow after the foundation year (see individual programme entries in this prospectus for more details about the programmes you can go on to study). For further details about foundation programme codes, together with a list of the degree programmes to which you may progress, visit www.sefp.qmul.ac.uk

International students should have completed high school studies in their home country, A-levels or IB. Qualifications must include the study of science and maths to an advanced level. An English proficiency level of a minimum IELTS score of 5.0 overall with 5.0 in writing (or equivalent) is required.

International students may apply for the foundation programme only or for the 4 year combined offer. Applications may be made directly to the university: online, via email or via a Queen Mary appointed educational agent. For more information, see page 277.

For general enquiries and advice about the SEFP, please contact:

Home/EU students

SEFP Administrative Team
Tel: +44 (0)20 7882 7960
email: sefp@qmul.ac.uk

International students

ISEFP Admissions Team
Tel: +44 (0)20 7882 2761/2766
email: sefp-admissions@qmul.ac.uk

Essential information



Student finance – tuition fees, loans and bursaries

Changes to tuition fees

As you know, in 2011 the government introduced major changes to higher education funding, which has allowed universities to charge tuition fees of up to £9,000 a year from 2012/13. Queen Mary has set its tuition fees for entry from 2012 at £9,000 per year for all degree programmes. For the most up-to-date information, visit:

www.qmul.ac.uk/undergraduate/tuitionfees

Remember, if you choose to access the government student finance package (eg a tuition fee or maintenance loan), you do not have to pay your tuition fees up front. 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.

A major investment – with significant returns

Going to university is a major financial investment, and you are no doubt giving some serious thought to how you will cover your costs. You will find valuable information in this prospectus to help you make an informed decision. You can find out more about our graduates' excellent career prospects and earning potential on pages 14-17.

Expert advice and support on how to fund your studies

You are very welcome to make use of the College's 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 278 for full contact details or visit www.welfare.qmul.ac.uk

“ *When I came for my interview at Queen Mary, I felt I was seen as a person, and my thoughts, insights and opinions counted far more than my UCAS form.* *Daisy Ashby* ”



Student finance for 2013 entry

The government's student finance package is made up of the following components:

- Tuition fee loan
- Maintenance loan
- Maintenance grant
- Supplementary grants (eg if you have children or a disability)
- National Scholarship Programme.

For detailed information about eligibility for student finance, and for details about what loans and grants you are eligible for according to your household income, see www.welfare.qmul.ac.uk

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 can still apply to Student

Finance England for a tuition fee loan. Some EEA nationals are also eligible for the maintenance elements of the student finance package.

Student finance information for home (ie UK and European Union) students

Tuition fee loans

A tuition fee loan will cover the cost of your tuition fees, so you will not have to pay your tuition fees up front. For the most up-to-date information, see www.welfare@qmul.ac.uk and www.direct.gov.uk/studentfinance

You will not have to start repaying your tuition fee loan until the April after you graduate and are earning at least £21,000 a year. Income-related repayments will be deducted automatically from your pay through the tax system (at a manageable rate of 9 per cent of income above £21,000).

Maintenance loans

Maintenance loans for living costs are available to all eligible students. Your eligibility is determined, in part, by household income when you apply to Student Finance England (or the equivalent in Wales, Scotland or Northern Ireland).

For the most up to date information, see www.welfare@qmul.ac.uk and www.direct.gov.uk/studentfinance

Maintenance and supplementary grants

Maintenance grants are based on household income, are non-repayable, and are to help with living costs such as food, accommodation and travel. Full-time students may be entitled to a maintenance grant of up to £3,250 per year. Students from families with incomes up to £42,600 may be entitled to a partial grant (2012 entry figures).

Supplementary grants are to assist with additional needs such as costs relating to dependant children or a disability. Your eligibility for both maintenance and 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, see www.welfare@qmul.ac.uk and www.direct.gov.uk/studentfinance

New National Scholarships programme

Students from lower income families are able to benefit from the government's National Scholarships Programme, which provides scholarships jointly funded by Queen Mary. Scholarships are worth £3,000 and are payable according to household income and academic achievement. Please see www.qmul.ac.uk/undergraduate/feesandfunding for more information.

Student finance information for international students

International students are not eligible for any elements of government-funded student finance. Several academic schools run international scholarship schemes for which international students can apply. For further details, see:

www.qmul.ac.uk/international/scholarships

For more information on the tuition fees charged to overseas students, see page 274 and www.qmul.ac.uk/international/feesfinance

You can also contact the International Office:
Tel: +44 (0)20 7882 3066
email: international-office@qmul.ac.uk

Bursaries offered by Queen Mary

In response to the government's changes to university funding and the introduction of higher tuition fees from 2012, Queen Mary has introduced a substantial package of scholarships and bursaries, which benefit around 50 per cent of our undergraduate students. The following scholarships and bursaries are from 2012 and may change for 2013 entry:

- Queen Mary bursaries of £1,500 each year for students whose household income is less than £25,000 (and who receive a full or partial higher education maintenance grant).
- Queen Mary bursaries of £1,200 each year for students with household income is between £25,001–£42,600 (and who receive a full or partial higher education maintenance grant).
- Queen Mary Excellence Scholarships worth £3,000 per year in science, engineering and modern foreign languages. These awards are based purely on academic performance.
- As part of the National Scholarship Programme (NSP) over 250 students from

low-income backgrounds will receive a £3,000 benefit in their first year, with £1,500 given as a fee waiver and £1,500 as a cash bursary and other support. In their second and third years students will receive the Queen Mary bursary. The process for gaining an award under the NSP will be competitive. To receive an award students will have to be English-domiciled undergraduates, come from households with a residual household income of £25,000 or less, and be in receipt of a full non-repayable government maintenance grant. They will have achieved above a certain level of UCAS tariff points, the exact level of which will be confirmed at the time of the A-level results being issued.

- A Barts and The London Scholarship worth £15,000 a year for up to six years at a time (open to students educated locally – award based on family circumstances, examinations and interview).
- We also wish to support graduate medical and dental students (ie students on the Graduate Entry Programme or five-year MBBS/BDS students who already have a higher education qualification) and will therefore be making the Queen Mary bursary available to these students in their non-NHS funded years of study (subject to the household income assessment).

Applications for bursaries

You do not need to make a special application to Queen Mary for the bursaries offered by the College. If you have applied to Student Finance England for income-assessed support and given your consent for information to be shared with Queen Mary, then we will automatically receive sufficient information to be able to assess your eligibility for a bursary.

Please note that these bursaries and scholarships may be subject to change before 2013 entry. Please check www.qmul.ac.uk/undergraduate/feesandfunding for the most up-to-date information.

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

Scholarships and other sources of funding for home students

(including residents of member states of the European Union)

Recognising and rewarding academic excellence is an essential part of the Queen Mary ethos. The College has a proud record of supporting students with generous scholarships and bursaries, and is committed to extending the sources of funding available to students with an outstanding academic record, as well as those in financial need. Currently there are a number of College-wide and department-based awards and prizes, usually awarded at the end of an academic year. For the most up-to-date information on the scholarships available, see: www.qmul.ac.uk/undergraduate/feesandfunding

The John Abernethy (Barts) Scholarships
The trustees of the charity the Medical College of St Bartholomew's Hospital Trust currently provide three scholarships annually for medical and dental students studying at Queen Mary (the John Abernethy (Barts) Scholarships). The scholarships have been designed to assist students who, despite exceptional academic ability and their aptitude for a medical or dental career, might be unable to undertake the MBBS programme for financial reasons. The scholarships are currently worth £3,500 for each of the five years of the course, subject to the holder's satisfactory progress each year.

All students who enrol in the School of Medicine and Dentistry may be considered for the scholarships (you do not have to apply formally). The scholarships are awarded on the

basis of household income (which is reviewed annually), academic excellence and performance in the Fundamentals of Medicine and the Fundamentals of Dentistry modules at the end of the first term.

Aldgate and Allhallows Foundation Scholarships
Educational charity the Aldgate and Allhallows Foundation provides a number of scholarships to undergraduates at Queen Mary who are also permanent residents of the City of London or the London Borough of Tower Hamlets. The scholarships are to support students who, despite academic ability, might not be able to study for financial reasons (candidates must meet specific eligibility criteria regarding age and means of support). The scholarships are worth £1,000 per year for the duration of the course, and are subject to the holder's satisfactory progress each year.

The Geoffrey Flavell Student Bursary
The Geoffrey Flavell Student Bursary is worth £2,000 over three years is awarded annually to one eligible student studying for an MBBS medical qualification. The award provides £1,000 in the first year and two subsequent instalments of £500 each.

Eliahou Dangoor Scholarships
Thanks to a generous £3m donation from Dr Naim Dangoor, these scholarships currently assist students to study science, technology, engineering and maths-based subjects at the UK's leading research-intensive universities.

Each of the 33 scholarships offered at Queen Mary is worth £1,000, payable for one year in the first year of study only, or £500 for part-time students. Home students for admission to science, technology, engineering and mathematical subjects will be automatically considered. See www.qmul.ac.uk/dangoor for a full list of eligible degree programmes.

Leslie and Françoise Hill Management Bursaries
These annual bursaries are awarded to two students starting their three-year programmes in Business Management, and are worth

£1,000 for each year of the degree. Recipients must demonstrate an entrepreneurial aptitude and have received their secondary education in the London boroughs of Tower Hamlets, Hackney or the City of London.

London Hospital Dental Club Student Bursary
The Dental Bursary of £2,000, awarded over three years, is given annually to one eligible student studying for a BDS dental qualification. The award provides £1,000 in the first year and two subsequent instalments of £500 each.

Queen Mary and Westfield Alumni Student Bursaries
We offer two annual student bursaries worth £3,000 (£1,000 for each of the three years), open to students studying in the faculties of Humanities and Social Sciences, and Science and Engineering. Eligible students will have received their secondary education in the London boroughs of Tower Hamlets, Hackney or the City of London.

Sir John Cass's Foundation Lord Mayor's Scholarship Programme
These scholarships, worth £7,000 a year for three years, have been awarded since September 2011 to full-time undergraduate students. To be eligible to apply for one of these scholarships you need to be a permanent resident of certain inner London boroughs, and meet other specific criteria regarding age, means of support and course studied, see: www.arcs.qmul.ac.uk/bursaries

Scholarships for international students

A generous number of scholarships are available to our international students, with a focus on rewarding the most academically distinguished students, as well as those in need of financial support. For full details please see page 274 and visit our website: www.qmul.ac.uk/international/scholarships

Access to Learning Fund (ALF)

Please note that the government is reviewing funding arrangements for the Access to Learning Fund for 2013 entry. Currently the government gives the College money to help students in financial hardship. The ALF can help students with living costs as well as sudden financial emergencies. You do not normally have to repay a payment from the ALF. The amounts available to students through the ALF 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 ALF, see: www.arcs.qmul.ac.uk/bursaries

Living costs

Depending on your lifestyle, living in London away from home for an academic year tends to cost most UK (home) students around £9,500 (please note that it will cost more for a full 52 weeks). But if you budget sensibly, it is possible to live on less. You can reduce your expenditure 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: www.welfare.qmul.ac.uk

Further information

- For more detailed information about the cost of living in London, please see: www.welfare.qmul.ac.uk There is also information on this website to help you check what student finance you are eligible to apply for, and how to plan your budget.

- Other useful information can be found at www.direct.gov.uk/studentfinance which provides information on applying for student finance. The booklet *A Guide to Financial Support for Higher Education Students* can be downloaded from this site, and contains detailed information on fees, loans, grants and other financial matters.
- Information explaining the system of UK government student finance may also be available from your school or college.

Please note

- If you are in doubt as to whether you will be classed as an overseas or home fee payer, consult the Admissions and Recruitment Office. Classification is based on government advice, and relates primarily to your country of residence.
- The tuition fee covers tuition, registration, examinations and membership of the Students' Union. Please note, however, that: (a) students attending field trips or language courses away from the College will be required to pay part or all of the cost; (b) examination re-entry fees are charged to students who are not in attendance.
- Students who are not sponsored or only part-sponsored will be required before enrolment either to show they have been awarded a loan for tuition fees, or to settle their personal fee liability or to sign a direct debit instruction drawn on a UK bank account which will enable the College to collect their tuition fees in instalments.

The information in this section is correct at the time of writing – in January 2012 – but may change before September 2013. Up-to-date information on fees and financial support can be found at www.qmul.ac.uk/tuitionfees

How to apply

Applying online at www.ucas.com

For all full-time higher education programmes at universities and colleges in the UK, students must apply online at www.ucas.com

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 (often mature applicants), apply online via UCAS independently. You can seek advice on your application from various careers organisations. You are responsible for paying the application fee, for obtaining and attaching the academic reference and for submitting the application online to UCAS.

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 British Council offices and other centres overseas, such as your school or college or one of our overseas representatives.

For all applicants there are full instructions at www.ucas.com to make it as easy as possible for you to fill in your online application, plus help text where appropriate. UCAS also has a comprehensive guide called Applying Online, which can be downloaded from the website.

UCAS will start receiving applications from mid-September 2012 for entry in Autumn 2013.

Applications from UK-based applicants should reach UCAS by 15 January 2012, although, at their discretion, institutions may consider applications received up until 30 June 2012. Later deadlines apply to international applicants but early application is recommended for popular and oversubscribed programmes. You may list up to five choices of institution/programme on your UCAS form. If you wish to apply to the same institution for more than one degree programme, you should make a separate entry for each choice. You should list your choices in alphabetical order or by the institution code name taking care to clearly enter the details for programmes and institutions. The institution code for Queen Mary is Q50. Institutions will only be able to access relevant choices on your UCAS record; details of applications made to other institutions will only be made available after you have replied to your offers. It may be helpful for applicants to know that selectors at Queen Mary will not be influenced by the presence or absence of an indication on the UCAS entry form that it would be possible for the applicant to live at home.

Medical and dental students

The closing date for applications to medicine and dentistry is 15 October 2012.

The institution code for Medicine A100 and Dentistry A200 is Q50 and applicants must enter a campus code 'W' in box 3d of the UCAS application form for these programmes only. For further information please go to www.smd.qmul.ac.uk

International applicants

For advice on completing your UCAS application, please contact your school, the British Council or one of our overseas representatives.

For further information please go to www.qmul.ac.uk/international or contact: International Office
Tel: +44 (0)20 7882 3066
email: international-office@qmul.ac.uk

Study Abroad (Associate) students

The College publishes a Study Abroad Catalogue, which details opportunities for studying for one or two semesters at Queen Mary as an Associate student. A copy of the catalogue (which contains an Associate student application form) and further information is available from the Admissions Office or the Director of Study Abroad. For further information, see www.qmul.ac.uk/international/studyabroad

Transfer and advanced entry

It is 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 an approved 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 current syllabus, academic references and results. All candidates must have the approval of, and be eligible to proceed to the next year of studies at their current institution. Applications must be submitted via UCAS. The Admissions Office is happy to advise on enquiries from potential transfer and international entry applicants. Please note that the modules taken at your

previous higher education institution will count towards the required 360 credits or 480 credits modules necessary to qualify for a University of London degree as you will be granted 120 or 240 credits of advanced standing. However the marks achieved in the modules taken at your previous higher education institution will not be used in the calculation of the degree classification. The degree classification will be calculated solely on the modules undertaken while studying at Queen Mary, University of London during the current registration period. Any exceptions to this rule must be agreed in writing by the Academic Registry and Council Secretariat.

Academic Credit Framework

The College's academic credit framework means that candidates will receive academic credit points for modules passed. One module is worth 15 points of academic credit.

Equal opportunities

Queen Mary welcomes students from all over the world. The College Charter states that our work shall be carried out in a spirit of tolerance, freedom of opinion, mutual concern and community service, and undertakes to avoid discrimination against any person on the grounds of religion, race, sex or politics. The College has a policy statement on Equal Opportunities in Employment, which we are actively implementing.

Term dates

The term dates for 2013-14 are as follows:

- Semester 1: 18 September – 13 December 2013
- Semester 2: 6 January – 28 March 2014
- Revision week: 21 April – 26 April 2014
- Exam period: 28 April – 6 June 2014

International students

www.qmul.ac.uk/international

International students at Queen Mary

Queen Mary has a long history of welcoming students from around the world. Over the years many thousands of international students have graduated from Queen Mary and gone on to pursue successful careers in their chosen fields. We are very proud of our international student community and we do as much as we can to help you feel at home by offering a number of specialised services, including an airport collection service, an International Students' Welcome Programme and free English language training and support throughout the academic year.

Accommodation

All new international students are offered the chance to live in College accommodation provided they apply by the relevant deadlines. We have many attractive developments situated on-campus, overlooking Regents Canal and Mile End Park.

For Associate and Exchange students, the accommodation application deadline is 31 July for first semester or full year students and 31 October for second semester applicants.

For further information on accommodation, see page 10:

email: residences@qmul.ac.uk
www.residences.qmul.ac.uk

Entry requirements

This prospectus gives general entry requirements for each programme. Each application received is evaluated on an individual, case-by-case basis and our admissions team is familiar with a range of international qualifications. For detailed country specific entry requirements, visit: www.qmul.ac.uk/international/countries

English language requirements

If your first language is not English, you must provide evidence that your English skills are sufficient by including with your application details of a recognised language qualification. If you are an international applicant you are strongly advised to contact your local British Council Office, take the IELTS (International English Language Testing Service) test or another English Language Exam approved by the UKBA and submit the results with your application. We do also consider other qualifications.

For more detailed English language entry requirements for your programme, see page 273 or, visit www.qmul.ac.uk/international/languagerequirements

Applicants who score slightly below the required English score may be offered a place on condition that they attend our Pre-sessional English Language Summer programme. For more information on Pre-sessional English and foundation programmes, see page 275.

Airport collection

On the weekend prior to the start of the first semester we offer a free airport collection service. For more information and an online booking form, visit:

www.qmul.ac.uk/international

The Welcome Programme

We provide a Welcome Programme for all new international students two days before the start of the semester. This is an opportunity to meet other international students studying a variety of programmes and to gain practical advice about studying and living in London. For more information, see: www.qmul.ac.uk/international

Advice and counselling

The Advice and Counselling Service offers a range of professional advice and support services to international students. We advise on immigration law, including all Tier 4 issues (entry clearance and extensions in the UK) and routes to working in the UK after your studies; rules on working during your course; planning a budget and managing your money. We also offer counselling support for personal, emotional or psychological issues. For more information, see: www.welfare.qmul.ac.uk

English Language Requirements

Humanities & Social Sciences (English & Drama, History, Politics, Geography, Business & Law)			
	IELTS	IBTOEFL	PTE Academic
No preessional required	7.0	100	68
5 weeks preessional	6.5	92	62
9 weeks preessional	At student's option		
Note: Students who achieve below IELTS 6.5 or equivalent are not normally admitted onto the preessional			
Economics (N.B. Economics and Politics LL12 requires students to achieve the standard Humanities & Social Sciences requirements above)			
	IELTS	IBTOEFL	PTE Academic
No preessional required	6.5	92	62
5 weeks preessional	6.0	70	53
9 weeks preessional	At student's option		
Note: Students who achieve below IELTS 6.0 or equivalent are not normally admitted onto the preessional			
Science and Engineering (Biological & Chemical Sciences, Engineering and Materials Science, Electronic Engineering & Computer Science, Maths and Physics)			
	IELTS	IBTOEFL	PTE Academic
No preessional required	6.5	92	62
5 weeks preessional	6.0	79	53
9 weeks preessional (see note)	5.5	71	48
Note: Students who achieve below IELTS 5.5 are not normally admitted onto the preessional.			
Medicine & Dentistry			
	IELTS	IBTOEFL	PTE Academic
Required score	7.0	100	68

The UK Border Agency has rules about English language testing for Tier 4 migrants. The British Embassy or High Commission in your country can provide details about whether you are affected by these rules and, if so, which tests are on the approved list.

Careers advice

The Careers team offers support to students on making decisions and obtaining information about part-time work, work experience and internships during university, as well as working after graduation in the UK or abroad. They also provide advice to students on postgraduate study and support for PhD students. For more information, see: www.careers.qmul.ac.uk and www.facebook.com/qmcareers

Disability and Dyslexia Service

The highly experienced team at the Disability and Dyslexia Service (DDS) offers support for all students with disabilities, specific learning difficulties and mental health issues at Queen Mary. This includes dyslexia screenings, human support, such as note-taking, and examination arrangements, including additional time. For more information on how the DDS can help, visit: www.dds.qmul.ac.uk

Healthcare

There is a Student Health Service on campus where you can make appointments with a doctor or nurse. You (and your family) are entitled to free medical treatment on the UK national health service (NHS) if you are registered on a programme lasting six months or more. If you are studying for less than six months, you should make sure you have adequate medical insurance cover. If you are from an EU country with a reciprocal health agreement with the UK, you can receive free treatment regardless of the programme length. www.studenthealth.qmul.ac.uk

Living costs, tuition fees and bursaries

Living costs

The cost of living in London depends on your lifestyle. As an international student you will need to pass the UK Border Agency's maintenance test to show that you can support yourself during your studies. The UKBA

requires that you have at least £800 a month for living costs (ie £7,200 for 9 months). You can do paid work while studying but the number of hours and type of work you can do is restricted by law. For details of the UKBA's requirements together with more information on finance, budgeting, rules regarding paid work and guidance about what circumstances might reduce or increase the amount of money you need, see: www.welfare.qmul.ac.uk

Preessional Programmes	£
5 week Preessional English language programme (tuition only)	1,700
9 week Preessional English language programme (tuition only)	2,700
12 week Preessional English language programme (tuition only)	3,900
Foundation Programmes	
International Foundation Programme in Social Sciences and Humanities	TBC
International Science and Engineering Foundation Programme	10,700
Undergraduate Programmes	
Arts	12,250
Laboratory-based	13,925
Exceptions to the above:	
Medicine Years 1 and 2	18,500
Dentistry Year 1	17,640
Single Semester Associates	6,125
Full Year Associates	12,250

Tuition fees (2013/14)

We are required to charge fees to overseas students that reflect the full cost of their tuition. The fees for the current year (2012/13) are as follows. Please note that these fees are correct at the time of going to print, and will change for entry in 2013/14. For the most up-to-date information on fees, see: www.qmul.ac.uk/international/feesfinance

Scholarships/bursaries

We seek students of the highest quality, and, in recognition of the important investment that international students are making to their education, we are pleased to offer a range of scholarships to reward outstanding academic achievement.

For 2013/14, there will be a number of scholarships available for international students, in many subjects including law, computer science, electronic engineering, engineering, materials and biological sciences. For more information, see www.qmul.ac.uk/international/scholarships

Useful contacts

Representatives in your country

We have offices or educational representatives in many countries, who can assist you with your application to Queen Mary. Find out more, at www.qmul.ac.uk/international/countries

International Office

Queen Mary staff regularly make visits overseas to meet with prospective students and their parents. For a schedule of forthcoming visits, see www.qmul.ac.uk/international/events

For more information on any aspect of life at Queen Mary as an international student, see: www.qmul.ac.uk/international or contact us on: Tel: +44 (0)20 7882 3066
email: international-office@qmul.ac.uk

English Language and Foundation Programmes

All tuition and examinations at Queen Mary are 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 international students get the most out of their academic study. You need to be able to comfortably read books, journals, and other materials; take notes in lectures; speak well in seminars, discussions groups and tutorials; and present yourself effectively in written assignments and examinations.

Pre-sessional English Summer Programmes

From June to September, we arrange a programme of English language courses for students who wish to improve their proficiency in English before starting at university. The programme aims to:

- improve listening, speaking, reading and writing skills;
- teach you study skills such as note-taking, academic writing and seminar participation; and
- familiarise you with life in Britain.

We encourage independent work and use of English by setting individual projects. Queen Mary academic staff will participate by giving a series of introductory guest lectures. We also provide residential accommodation for students on summer programmes in the College's halls of residence.

For more information on fees, please refer to the table on page 274. Fees listed are for the 2012/13 academic year and will increase slightly for 2013/14. For up-to-date details, see www.qmul.ac.uk/tuitionfees

In-sessional English

We continue to support you with your English skills once you have started your studies, with

a free programme of courses, workshops and tutorials during the main teaching periods of the academic year. These will help you with areas such as academic writing, grammar and vocabulary, lecture comprehension, seminar skills and general English.

Academic study workshops and tutorials

To help students with the transition to higher degree study, the Language and Learning Unit runs workshops and individual tutorials during term time in such skills as organisation and time management, research and note-taking, oral communication and presentation, academic writing, personal development planning, and revision and examination skills.

For more information about English Language and Academic Study programmes contact:
English Language and Study Skills Office
Language and Learning Unit
Tel: +44 (0)20 7882 2827
email: elss@qmul.ac.uk
www.languageandlearning.qmul.ac.uk

International Foundation Programme in Social Sciences and Humanities

As part of the College's provision for international students, we also offer a one-year pre-undergraduate foundation programme, which provides English language tuition and a choice of academic modules in business management, economics, mathematics for economics, international relations and politics, Spanish, Japanese, geography, history and literature, art and film.

The programme is taught on the Mile End campus by Queen Mary teaching and research staff. Foundation students have the opportunity to live in College accommodation and have access to all Queen Mary facilities.

Successful foundation students are guaranteed progression to linked degree programmes at Queen Mary including LLB (law), economics, business management, history, geography and international relations and politics.

The programme is also suitable for students who would like to study at other universities in the UK after their foundation year.

For further information on the programme, including advice on entry requirements, contact:
English Language and Study Skills Office
Language and Learning Unit
Tel: +44 (0)20 7882 2826
email: r.smyrl@qmul.ac.uk
www.languageandlearning.qmul.ac.uk/ifc

International Science and Engineering Foundation Programme (ISEFP)

The International Science and Engineering Foundation Programme (ISEFP) offers a route to undergraduate studies for international students who cannot enter directly onto an undergraduate science or engineering degree at a UK university. Students have the option of enrolling for the foundation only or for the 4 year combined offer (foundation plus 3 year degree). The ISEFP is accepted as an undergraduate entry qualification by Queen Mary but also by many other UK universities. The ISEFP is taught on the Mile End campus by Queen Mary staff. Students may live in campus accommodation and have access to all Queen Mary facilities.

The programme provides English language and study skills tuition, and a selection of modules in mathematics, physics, engineering, biology, chemistry and business management.

Applicants must have completed one of the following: IB, IGCSE, A-levels (must include Maths and Science) or a High School Diploma/Certificate from their home country. For country-specific high school requirements and more detailed information on academic entry requirements, see: www.isefp.qmul.ac.uk

The English language proficiency requirement is a minimum of IELTS 5.0 with 5.0 in writing (or equivalent).

The ISEFP has two start dates: September and January.

For more information on progression routes after the ISEFP (including a table of recent graduate destinations), see www.isefp.qmul.ac.uk

Scholarships/prizes

For more information on undergraduate scholarships. See www.qmul.ac.uk/international/scholarships

For further information on the programme, including advice on entry requirements, contact: Dr Priscilla Cunnan
Director ISEFP
Tel: +44 (0)20 7882 2761
email: sefp-admissions@qmul.ac.uk
www.isefp.qmul.ac.uk

Student information A-Z

Accommodation

Housing Services handle all enquiries, applications and allocations for College accommodation. We also offer comprehensive advice and guidance for those seeking alternative accommodation in the private sector. For more details see page 10 or visit www.residences.qmul.ac.uk

Advice and Counselling Service

Welfare advice

Our experienced Welfare Advisers have specialist training to offer you professional advice on a range of financial, practical and legal issues. Our aim is to advise you about possible solutions and options relating to financial, practical and legal issues, so that you can concentrate on your studies. Most of our work is about helping you with your rights and entitlements, including:

- student finance (loans and grants)
- financial support for student parents
- fee status
- planning a budget
- dealing with debt
- welfare benefits and tax credits
- hardship funds
- immigration law and international student issues
- housing rights
- council tax.

Counselling

We offer a comprehensive counselling service, which can support you through any difficulties or challenging periods you may experience as a student at Queen Mary.

“ Queen Mary provides an excellent environment for studying and socialising. Joe Alaimo ”



Counselling can be helpful for all kinds of difficulties, whether you are dealing with something quite serious that you've struggled with for many years, or something small that has happened recently.

We also offer cognitive behavioural therapy, ongoing weekly therapy groups and support groups on specific issues such as anxiety, academic performance or for specific groups of students. All counselling and welfare advice sessions take place in a confidential one-to-one setting. All of our staff participate in continuing professional development and work within ethical and professional guidelines.

Contact

Advice and Counselling Service
Student and Campus Services
Queen Mary, University of London
Geography Building, Ground Floor
Tel: +44 (0)20 7882 8717
email: welfare@qmul.ac.uk
www.welfare.qmul.ac.uk

Alumni

When you finish your studies at Queen Mary you will have something in common with over 75,000 former students around the world: a global network of people, from all walks of life, who share your experience as a Queen Mary student. Our alumni are among our best ambassadors. You can see how their studies have influenced some of their career choices at: www.qmul.ac.uk/alumni

As a member of the Queen Mary Alumni Network, we will send you our alumni magazine, *QUAD*, which includes news of the College and other alumni, as well as invitations to events and reunions worldwide. Our regular *QM Alumni e-Newsletter* also keeps you in touch with what is going on. You can also join our Queen Mary, University of London Alumni Network group on LinkedIn. You may also sign up for the Alumni card, which gives you a Queen Mary lifelong email address, discounted memberships of Qmotion gym and entitles you to use the College Library for reference

purposes. So there's no excuse for losing touch!

Contact

Alumni Relations and Fundraising Office
Tel: +44 (0)20 7882 7790
email: alumni@qmul.ac.uk
www.qmul.ac.uk/alumni

Careers

The Queen Mary Careers team can help you with any careers query, from finding part-time work and internships while you study, to deciding which job to do when you graduate. We help all students – whether you're interested in development or design, museums or medicine, forensics or finance.

Careers events

We run over 100 careers events every year, to help you meet employers, get work experience and prepare for job-hunting. QM Careers is part of The Careers Group, University of London. Events include:

- Career tasters – such as our Political Sound Bites, Media Panel and Finance Speed-Meet events, to help you find out about different careers
- Recruitment events – so you can meet recruiters with live job opportunities
- Skills training – regular CV clinics and interview skills workshops, for example, as well as training in transferable skills such as commercial awareness and leadership.

Online

Keep up-to-date with vacancies and events via QM JobOnline, our Jobs Blog and calendar – all at www.careers.qmul.ac.uk

One-to-one

We're open Mon-Thurs 10.30am–5pm (closing at 4pm on Fridays). Drop by with your careers query any time during these hours or book an appointment by phone.

Contact

QM Careers
Student and Campus Services
WG3, Queens' Building, Mile End campus
Tel: +44 (0)20 7882 8533
email: careers@qmul.ac.uk
www.careers.qmul.ac.uk

Disability and Dyslexia Service

The College's Disability and Dyslexia Service (DDS) offers advice, guidance and support for students with disabilities and specific learning difficulties like dyslexia and dyspraxia. The service employs dedicated disability and dyslexia advisers, a pool of support workers and a team of dyslexia specialist tutors offering non-subject specific study skills support. DDS also provides a number of assistive technology rooms at Mile End and Charterhouse Square providing both assistive software and ergonomic hardware.

The support provided by DDS includes:

- Liaison with academic staff regarding appropriate adjustments and support for students with both disabilities and specific learning difficulties
- Support and guidance in applying for the Disabled Student's Allowance
- Support for international students with disabilities
- Support in ensuring that course materials are fully accessible
- Support for students who think that they might be dyslexic
- On-site, one-to-one study skills support for students with dyslexia and other specific learning difficulties
- Human support, such as someone to take notes during lectures or support in accessing research materials in the library

- Mental Health Mentoring support (including peer mentoring)
- Access to examination concessions such as additional time.

Contact

Disability and Dyslexia Service
 Student and Campus Services
 Francis Bancroft Building
 Mile End Road
 London E1 4NS
 Tel: +44 (0)20 7882 2756
 Fax: +44 (0)20 7882 5223
 email: dds@qmul.ac.uk
www.dds.qmul.ac.uk

Eating on campus

There is a good range of cafes and restaurants on campus, serving everything from light snacks, such as sandwiches, salads and jacket potatoes to hearty hot meals. We ensure that all ingredients are fresh and quality-controlled, and that there are always vegetarian, healthy and halal options. Our operations are run in an environmentally friendly way based on our Food Sustainability Policy. For more information, see page 9 or visit www.catering.qmul.ac.uk

Entry requirements

Every application to Queen Mary is considered on its individual merits. Our Admissions Tutors are normally happy to consider a very wide range of academic, vocational and professional qualifications, as well as work and other appropriate experiences and skills.

If you feel your circumstances are somewhat unusual or non-standard and you would like to discuss your application before submitting it, please contact the Admissions Office who will be happy to advise you. Staff deal with many thousands of enquiries each year and it is very unlikely they will not have come across your circumstances before – so just ask!

General guidelines regarding the acceptability of various popular qualifications are listed below. The information given here is intended to be general and describes the minimum entry requirements generally accepted by the College. Subject and grade requirements vary considerably between academic subject areas and individual degree programmes; for more detailed information about entry requirements to specific degrees at Queen Mary, please refer to the relevant academic school entry.

UCAS points tariff

All points scores quoted in this prospectus relate to the UCAS Points Tariff, full details are on the UCAS website: www.ucas.com Alternatively, staff in the Admissions Office will be happy to advise you.

In general, most academic schools at Queen Mary will make offers on an individual basis and will stipulate exactly which qualifications will count for admission.

GCEs/A-levels in applied subjects

The College welcomes applications from candidates offering the six-unit Applied A-level and the A-level double award. All schools will accept a single Applied A-level in lieu of one GCE A2-level while some schools have decided that they will accept two or more Applied A-levels provided that programme requirements are satisfied (for example, GCE A2 Mathematics is required for entry to Mathematics degree programmes). See the relevant academic school section for more detailed advice.

Key Skills

Although most academic schools at Queen Mary will not require the achievement of Key Skills as a condition of entry, it is clear that Key Skills form a useful addition to a candidate's portfolio of achievement and our Admissions Tutors will certainly take note of achievement in key skills when considering an application.

Scottish Highers/Advanced Highers

SQA Highers: The College will express its requirements in terms of individual Highers achieved at particular grades. Passes in five Highers at grades BBCCC are the minimum required. Where appropriate, a specific grade in a particular subject(s) may be required.

Advanced Highers: These are fully recognised and applications based on combinations of Highers and Advanced Highers are welcome, although a particular subject passed at both Higher and Advanced Higher counts as one subject. Students studying the Scottish Advanced Highers are expected to achieve a minimum of three passes. Specific grades required will vary by academic school.

Irish applicants

Irish applicants require passes in five subjects at honours level in the Irish Leaving Certificate. Although the minimum offer is BBCCC, offers from most schools will typically be higher. Applicants with NCEA certificates and diplomas satisfy entrance requirements for related degree programmes: an overall average of 60-65 per cent would be the usual level of offer.

The baccalaureates

The International, European and Welsh Baccalaureates satisfy the entrance requirements for all degree programmes. The French Baccalaureate is an acceptable entry qualification for most degree programmes. See school entries or contact the Admissions and Recruitment Office for further advice on typical offers.

Access and foundation programmes

Mature students or those with non-traditional backgrounds will be considered on the basis of a wide range of qualifications and experience, but by far the most common entry qualifications are Access and Foundation courses. Most schools will consider the Access to HE Diploma with a specific minimum

number of credits and a Merit and / or Distinction in a relevant subject. Additional written work may also be required.

14-19 Diplomas

The 14-19 Diplomas are an acceptable qualification for entry on to some of our degree programmes. For more information, see www.qmul.ac.uk/undergraduate/entry

The Extended Project

The College welcomes applications from students taking the Extended Project either as part of their Diploma Programme, or from A-level students who may also choose to offer the Extended Project, as being a useful indicator of potential when selecting applicants for our programmes.

A* grade

The A* grade is recognised as showing commitment, interest and skill beyond the A-level syllabus. Please check the entry requirements for the school you are interested in applying to for details on whether the A* will be included as part of their conditional offer.

Cambridge Pre-U

Applicants offering the Cambridge Pre-U will be considered for entry for most degree programmes. Offers will be made in terms of the achievement of the Diploma plus specified subjects and grades in the principal subjects.

Other overseas qualifications

The College welcomes applications from overseas students. For more information on entry requirements for your country, please email: international-office@qmul.ac.uk

English language requirements

All tuition and examinations at the College are in English. Good English is essential for success in a programme of study and for research. If your first language is not English you must be able to provide evidence that you have an acceptable English language

qualification. These include: GCSE (minimum Grade C), NEAB University Entrance Test in English (Grades 1, 2 or 3), Cambridge Certificate of Proficiency in English (Grades A, B or C), Hong Kong Examination Authority Use of English (minimum Grade C), International English Language Testing Service (IELTS) with a minimum score of 6.5 overall and Test of English as a Foreign Language (TOEFL) with a minimum score of 580 in the paper-based test, 237 in the computer-based test or 92 in the internet-based test. Requirements vary depending on what programmes you are applying for, see page 273 for more information.

If you are an international student, please see the Language and Learning Unit details on page 275. Often, applicants not quite meeting the usual English language requirement may be offered entry conditional upon attendance at the Pre-sessional English language programme.

Applicants with disabilities, including specific learning difficulties

The College welcomes applications from students with disabilities or specific learning difficulties and considers all applications on their academic merits. We produce an information booklet detailing services and provision for students with special needs. A copy can be obtained by contacting the Disability and Dyslexia Service on +44 (0)20 7882 2756 or email: dds@qmul.ac.uk

There are various organisations which are happy to advise students preparing for Higher Education but a good place to start is SKILL: The National Bureau for Students with Disabilities.

Contact

For further information and advice on entry requirements please contact either:
The Admissions Office
Tel: +44 (0)20 7882 5511
Freephone (UK callers only) 0800 376 1800

Fax: +44 (0)20 7882 5588
email: admissions@qmul.ac.uk
or
The School of Medicine and Dentistry
Tel: +44 (0)20 7882 2240
email: medicaladmissions@qmul.ac.uk

Faith at Queen Mary

Queen Mary is fortunate to have a truly multicultural student population, reflecting the diverse ethnic mix of London and welcoming international students from over 120 countries. There are many different faith communities and places of worship near the Mile End Campus, including all kinds of churches, mosques, synagogues, temples and a Buddhist meditation centre.

The College encourages religious tolerance, understanding and co-operation, and every effort is made to meet the practical needs of students whatever their faith background. Students of all faiths have access to our Multi-Faith Centre located on the College's Mile End campus (www.qm-mfc.co.uk). The Queen Mary Students' Union (www.qmsu.org) includes many active student-led religious and cultural societies.

St Benet's is the official name of the long-established College chaplaincy. It's a modern weekday kind of church, based in its own building on the Mile End campus, with a beautiful chapel, relaxing lounge area and a small team of friendly chaplains. St Benet's is Christian and ecumenical, and gives a warm welcome and support to all students and staff at Queen Mary regardless of belief. We hold social events, including film nights and international lunches, as well as regular services of prayer and worship.

Contact

The Chaplain
Revd Jenny Petersen
Tel: +44 (0)20 7882 5732
email: stbenets@qmul.ac.uk
www.faith.qmul.ac.uk

Health Services

The Geography Building houses two services that work closely together to support the health and wellbeing of students – these are the Student Health Service (SHS) and the Occupational Health Service (OHS).

Student Health Service (SHS)

The SHS provides a full range of primary care medical services including prescriptions for all medications, immunisations, blood tests, direct access to x-ray, MRI scans, ultrasound scans, travel vaccinations and advice, counselling, mental health, contraception, clinics for asthma, diabetes, minor surgery, smoking cessation, antenatal care and referral for hospital consultations or admissions.

The SHS also provides emergency health care for any student or staff member on campus, should it be required.

Please note, international students staying in the UK for less than six months will need to arrange adequate health insurance to cover the duration of their stay.

Contact

Student Health Service
Ground Floor, Geography Building
Mile End campus
Tel: +44 (0)20 7882 8710
www.studenthealth.qmul.ac.uk

The Occupational Health Service (OHS)

The OHS provides a service to healthcare students where the nature of their studies may pose a risk to the health of the individual.

The OHS provides a pre-study health assessment to all candidates applying for programmes offered by the School of Medicine and Dentistry. This includes a blood test checking for infection with hepatitis B, hepatitis C and Human Immunodeficiency Virus (HIV) and screening for tuberculosis, as advised by the Department of Health. In addition, an immunisation service is provided

to all students who are at occupational risk of infection.

Students on any programme may also be referred to the OHS for formal assessment if there is concern about their health, performance or attendance.

Contact

Occupational Health Service
Ground floor, Geography Building
Mile End, London E1 4NS
Tel: +44 (0)20 7882 8700
Fax: +44 (0)20 7882 7053
www.ohs.qmul.ac.uk

IT Services

The College places great importance on the provision of computing facilities for undergraduate study and has established an extensive network of PCs for your use. No matter which degree you study you will have ample opportunity to develop your IT skills. The PCs all have an impressive range of software and courseware provided to meet both general needs and the needs of particular degrees. Web access, email and printing facilities are all available to support students' learning. Email and file-store as well as many other web resources can be accessed both on- and off-campus.

About 1,500 student PCs for open access and teaching are distributed in clusters around the College. Three central locations at Mile End offer a large number of PCs: the Library with its extended opening hours, the nearby Francis Bancroft Building, the Hive facility and elsewhere. The PCs are all connected to the network and share a common interface so that most work can be carried out regardless of location. Special facilities such as scanning and colour printing are provided centrally. Some schools also provide additional computer services to meet the specialist needs of their academic discipline.

As part of the College's commitment to developing student facilities, all rooms in Halls of Residence (this does not include student houses) have fixed networked points. Other student areas such as classrooms, library, open areas and eating places have wireless access. This allows students' own computers to have controlled access to the internet.

Help and support

IT Services staff are available to assist you in your use of the facilities. There is a help-desk, documentation on the services provided and an extensive programme of short training modules. Advice can be provided on the purchase of computers and you can make use of a PC purchasing scheme, offering specially negotiated prices.

Language Learning

At Queen Mary, all students have the opportunity to learn a language. Courses are available in Arabic, Chinese, French, German, Japanese, and Spanish for beginners, intermediate and advanced levels.

The courses are open to students from all academic schools, and are timetabled so you can combine them with your main subjects (we have evening classes in all languages). The modular degree system also means that some modules can be counted towards your degree (Japanese, French and Spanish are offered). The aim of the modules is to give you practical skills – understanding, speaking, reading and writing – and they form ideal preparation for participation in Study Abroad schemes such as Socrates. Language learning facilities include new, well-equipped language laboratories. You can enjoy learning about a country's culture and people as well as developing your communication skills in the language.

No matter which degree you are studying or whether or not you plan to work or study in another country, your employment prospects will be enhanced if you can speak another language.

We are here to help you achieve a high level of communication in the language of your choice, both in everyday and in professional situations. We bring an innovative approach to teaching languages. Our staff are trained in all the latest teaching methods and technology, incorporating these methods with all that is best of a more traditional approach to language learning.

Contact

Rosa M Martín/Catalina González
Queen Mary, University of London
Mile End campus
Francis Bancroft Building, Room 1.32
Mile End Road
London E1 4NS
Tel: +44 (0)20 7882 2842
email: c.gonzalez@qmul.ac.uk
www.languageandlearning.qmul.ac.uk/language

Library

The libraries at Queen Mary provide access to a wide-ranging collection of print and electronic books, journals and other resources. To help you make best use of this extensive collection, the Academic Liaison Librarians provide support for your information needs, during induction, and throughout your studies.

There are libraries on all three main campuses. The Mile End Library supports all subjects taught on that campus, while specialist libraries for medicine and dentistry are located on the Whitechapel and West Smithfield campuses. All libraries have both individual and group study spaces, clusters of networked PCs, wireless access for laptops, scanning and photocopying facilities, and provision for DVD viewing. The Hive building, adjacent to the Mile End Library, provides a relaxed and informal environment for group and social study.

The College has provided substantial capital investment in the Mile End Library to ensure that it is a vibrant and attractive space, offering easy access to the information resources you require as well as a diverse range of study environments and technology to support your

learning. Over the last three years, we have completed a total redesign of the ground floor, incorporating a variety of learning spaces and facilities, and a cafe. We are committed to continued investment in Library facilities, and are currently refurbishing the upper floors of the building.

Library facilities are provided seven days a week during term-time, with the Mile End and Whitechapel libraries open until midnight during the week. The Mile End Library also provides 24-hour access over the main summer revision and exam period. In addition, most electronic resources are available day and night, on and off campus, to all registered Queen Mary students.

Being in London means that Queen Mary is close to the greatest concentration of university, national and specialist libraries in the UK, and students are encouraged to use other University of London and specialist libraries for reference purposes. In addition, as an extension of the Mile End Library collection, Queen Mary arranges access and borrowing rights for all students at the main University of London Library at Senate House, which has one of the largest humanities and social science collections among UK university libraries.

The Library is committed to making its services and collections equally accessible to all users, and we liaise with the Queen Mary Disability and Dyslexia Service to ensure that as far as possible all needs are met.

To find out more about what we offer, visit the Library website at www.library.qmul.ac.uk

Mature students

If you are aged 21 or over at the start of your programme of study, you will find yourself in good company. You may be one of many applicants who, for a variety of reasons, did not become involved in higher education after leaving school, but now feel able to follow a

degree programme. We believe the maturity, commitment and experience of mature students are valuable assets to the College.

Our policy of encouraging and supporting applications from mature candidates is illustrated by the fact that 21 per cent of our students are aged 21 or over on entry. Academic schools are happy to consider (often via interview) a wide range of qualifications and previous experience when assessing an individual's ability to benefit from studying at Queen Mary. If you would like more information about applying to Queen Mary as a mature student or advice about related entry requirements, please contact the Admissions Office (please see page 291).

Academic support

Queen Mary offers a range of academic support for new students starting their degree programme at the College. Every student is allocated a personal tutor. This is a member of staff who will keep in contact with you throughout your time at university, giving you support and advice on your academic process and any personal problems you feel like sharing.

Once students have enrolled, the College provides additional support in core mathematical skills, English and study skills to help students, particularly those who are returning to study, to benefit fully from their studies. There is also a Peer Assisted Study Support (PASS) mentoring scheme which puts new students in touch with other students in their school, to provide help and support in adjusting to university life.

Contact

Head of Outreach and Widening Participation
Education Liaison and Access Office
Tel: +44 (0)20 7882 3733
email: a.setright@qmul.ac.uk

Nursery

The Westfield Nursery at Queen Mary is available to the children of staff and students. All staff are fully qualified and experienced in all childcare matters and are led by a manager and deputy with a combined 35 years experience in the field. Westfield Nursery is housed in a purpose-built building and has 63 places for children under five. CCTV protects the Nursery and access is controlled by entry phone. Westfield Nursery works closely with Tower Hamlets council and is regularly inspected by Ofsted.

Our primary aim is to provide care which fosters the learning, development and well-being of every child. In order to gain a true picture of each child and to help every child have the best start, we build close partnerships with parents, valuing their input into what we do. We believe that the environment should be safe, welcoming, clean and relaxed. By providing a range of stimulating activities, both inside and out, we meet the children's individual needs and interests.

We believe in going beyond Ofsted's standards. Early years education is a field that continually develops and changes. By staying up to date with best practice, we aim to provide the highest possible care for the College's children and families.

The Westfield Nursery is open from 8.30am to 5.30pm Monday to Friday, 48 weeks of the year. Please note that there is a high demand for places so early application is advised.

Contact

Max Moorcock or Karen McDowell
 Early Years Management team
 Tel: +44 (0)20 7882 2782/90
 email: nursery@qmul.ac.uk
www.nursery.qmul.ac.uk

Security Service

The Security Service provides a safe and welcoming environment for Queen Mary

students, staff and guests, and ensures that there is a high standard of safety on all College campuses. We control access to the campus, conduct regular foot and bike patrols, respond to alarms and liaise with the emergency services. We can also complete reports for any incidents that occur. For more information, see www.security.qmul.ac.uk

Students' Union

QMSU has a presence across the three main campuses: Mile End, (at Bancroft Road and in the Student Village), and Whitechapel (at the Barts and The London Student Association building), and at Charterhouse Square (at The Shield and the Fitness to Practice gym in Dawson Hall).

QMSU: Blomeley Centre, Student Village, Mile End

The Blomeley Centre is your one-stop-shop for the vast array of non-commercial activities and services provided by QMSU. We are located in the Student Village, next to the Village Shop. Come and see us for any or all of the following:

- Representation
- Advice and advocacy on complaints about the College and academic disputes
- Clubs and societies – memberships and advice
- Volunteering – community action opportunities through Provide Volunteering
- Student Media – Cub Magazine, QMessenger Newspaper, QMTV and Quest Radio
- Student discounts – NUS cards
- Event tickets and information.

QMSU: Bancroft Road, Mile End

Come and see us to access the following:

- Qmotion Health and Fitness Centre
- Drapers bar
- Infusion shop

BLSA: Association building, Whitechapel

Based on the Whitechapel campus, BLSA (Barts and The London Student Association) is the part of QMSU for Medical and Dental students. Most of the non-commercial services we offer at QMSU are replicated here:

- Representation
- Advice and advocacy
- Clubs and societies – memberships and advice
- Vulture magazine
- Computer workstations
- Student discounts – NUS cards
- The Coffee Clinic, where you can pick up a book as well as a coffee.

Facilities at QMSU

Qmotion Health and Fitness Centre

The new Qmotion Health and Fitness Centre offers good value, high-quality gym facilities on campus. It offers a range of gym equipment and trained gym instructors on hand to give expert advice, from improving technique, to constructing your very own personal fitness programme.

The centre offers:

- Cardiovascular zone with over 35 machine such as treadmills, rowing machines, cross-trainers and cycles
- Resistance machines zone
- Free weights areas
- Large stretch space areas
- Two studios hosting over 30 classes per week (fitness, strength and holistic)
- Sports studio – available to hire for specialist training
- Ladies-only gym
- Squash court
- Sports hall – available to hire for all indoor sports

- Treatment rooms hosting sports massage, physiotherapy, hypnotherapy, homeopathy and beauty treatments sessions each week.

Membership is competitively priced at under £25 per month. Alternatively, a discounted three-month, six-month, nine-month or twelve-month membership can be purchased at the beginning of the academic year. Opening times are 7am-10pm Monday to Thursday, Friday 7am-9pm and 10am-6pm at the weekends and public holidays.

Ground

Ground on the Mile End campus is the SU high street coffee shop. With comfy armchairs, pool tables and a friendly atmosphere it is the social hub of College during the day, constantly bustling with people.

The Drapers Bar

On the Mile End campus, the Drapers Bar is the main Students' Union venue. For more information, see page 8.

The Griffinn

The Griffinn bar on the Whitechapel campus offers high-quality food and coffee during the day, and a range of entertainment in the evenings. The Inn is where our medical and dental students like to unwind, but is open to all students.

Shops

The Students' Union runs three shops:

- Infusion, located next to the Health and Fitness centre, sells a range of products from lunch time snacks to stationery
- The Village Shop, in the Student Village, offers a much larger range of food to cater for those in the adjacent halls, as well as being the closest off-licence
- The Coffee Clinic on the Whitechapel campus stocks core dental and medical text books, as well as equipment needed for those courses, and lunchtime snacks and drinks. If they don't have your book, they are more than happy to order it for you.

Advice and advocacy

Sometimes things don't go to plan, whether it's an exam you couldn't attend, or an assignment you couldn't hand in because of illness or other good reason. You may have a grievance against a School or another student. You may be facing a disciplinary or a fitness to practise hearing.

We are here to help. We can provide you with comprehensive information, support and guidance within both the Blomeley Centre, and at the BLSA building, offering surgery times and appointments.

Our advisers are fully versed in the College regulations and can support you. Where a matter needs to be raised at a higher level within the College, our advisers are well placed to brief the Sabbatical Officers (see below) where necessary.

Please note: we do not provide counselling, legal, financial or housing advice, as these are provided by the College – we can refer you if you are not sure where to go. Go to www.qmsu.org to check on our surgery times or arrange an appointment.

Student representation

The Students' Union is run by students for students. Union policies are decided during Student Councils and General Meetings held during term time, and all students are encouraged to take part. Elected officers, five of whom work full-time (Sabbatical Officers), are appointed in cross-campus ballots each year, usually during the second semester, and represent the student body around College, in the University of London Union and beyond. The Sabbaticals are supported by the Student Councillors, some of whom have specific portfolios (international students, postgraduate). At an academic level, all degrees at Queen Mary have student representatives – these students volunteer to hold this post for a year, taking any concerns you have about the delivery of your programme, your overall satisfaction, and any recommendations you may have, to the relevant committee within your academic school.

We have over 100 elected students each year. You can stand, and vote, for any position that is relevant to you/your school. We make a big point of publicising these nearer the time, as participation is very important to us. Go to www.qmsu.org to check if there are any available positions for you.

External organisations

University of London Union (ULU)

The University of London Union (ULU) is the Union for all the Colleges in the University of London. Representing over 120,000 students, it is the largest organised Students' Union in Europe. Based in central London (Malet Street), ULU provides a range of services on an intercollegiate and complementary basis, including cultural, recreational and sporting activities. Go to www.ulucol.co.uk to find out more.

The National Union of Students (NUS)

Membership of the NUS is automatic for Queen Mary students, and membership privileges include discounts at numerous shops, theatres and cinemas across London. And for just £11, the NUS Extra Card, means you can enjoy even more discounts with several favourite shops and services. The NUS campaigns nationally on student issues, giving you a voice that is heard by government, political parties and local authorities. Go to www.nusonline.co.uk to find out more.

Visit us



Campus Tours

The best way to find out more about Queen Mary is to come and see it for yourself. The Education Liaison Office organises 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.

Open and Visit Days

Queen Mary offers one cross-College Open Day each year, usually in the spring (held in the school holidays). The Open Day includes a range of exciting events, including Campus Tours, lectures, subject-specific and general talks and demonstrations, plus the chance for individual discussions with academic school representatives. All are welcome to attend, along with parents and friends.

Additionally, we also run an annual Campus Visit Day in September (held on a Saturday), aimed at students about to submit their UCAS applications but who have not previously visited the College (or who would like to visit again). Year 12 students who are starting their university research early are also welcome to attend. The Visit Day is similar to the Open Day and offers a chance to tour the Campus with a current Queen Mary student, meet academic school representatives and find out more about our courses, and attend a general talk (topics typically include the UCAS applications process and student finance); some subject talks will also be offered. As with the Open Day, parents and friends are welcome.

To book a place on a campus tour, or to attend an Open or Visit Day:
Tel: +44 (0)20 7882 5544
email: visitus@qmul.ac.uk
www.qmul.ac.uk/visitus



Contacts

Admissions Office
Queen Mary, University of London
Mile End Road
London E1 4NS
Tel: +44 (0)20 7882 5511
Freephone (UK callers only): 0800 376 1800
Fax: +44 (0)20 7882 5588
email: admissions@qmul.ac.uk

Admissions tutors

All academic schools have admissions tutors whose names and telephone numbers appear in the appropriate sections of this prospectus. You are welcome to contact the admissions tutor if you want more detailed information on particular programmes.

Education Liaison Office

The Education Liaison Office offers a variety of services to schools and colleges, teachers, careers advisers and parents. Services include: school and college talks to students, parents and teachers; attendance at careers and higher education fairs; coordinating visits by

students, teachers and careers advisers to Queen Mary; organising Campus Tours; mock university interviews; and acting as a link between academics and teachers and careers advisers in the wider community. 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. We also organise the College Open and Visit Days and the east London Higher Education Convention, when this is held at Queen Mary.

Additionally, our webpages for parents, teachers and careers advisers offer useful publications in pdf format, including our newsletter, OnQ and our Parents' and Teachers' Guides to HE.

Tel: +44 (0)20 7882 3064
Fax: +44 (0)20 7882 3158
email: education-liaison@qmul.ac.uk

International Office

The International Office team welcomes enquiries from overseas students. Members of the International Office travel widely and will be very happy to meet you if you would like a face-to-face discussion about your study options at Queen Mary. The International Office also arranges events in some countries where you can meet current or past Queen Mary students to get further information from a student point of view.

For more information for international students, please see pages 272-277.

Tel: +44 (0)20 7882 3066
Fax: +44 (0)20 7882 5556
email: international-office@qmul.ac.uk
www.qmul.ac.uk/international

Housing Services

Queen Mary, University of London
Mile End Road
London E1 4NS
Tel: +44 (0)20 7882 5522
email: residences@qmul.ac.uk
www.residences.qmul.ac.uk

UCAS

Rosehill
New Barn Lane
Cheltenham GL52 3LZ
Tel: +44 (0)1242 222444
email: appreq@ucas.com
www.ucas.com

Useful Queen Mary websites

Advice and Counselling Service

www.welfare.qmul.ac.uk

Disability and Dyslexia Service

www.dds.qmul.ac.uk

Careers

www.careers.qmul.ac.uk

Faith

www.faith.qmul.ac.uk
www.qm-mfc.co.uk

International office

www.qmul.ac.uk/international

Language and Learning Unit

www.languageandlearning.qmul.ac.uk

Nursery

www.nursery.qmul.ac.uk

Occupational Health Service (OHS)

www.ohs.qmul.ac.uk

Residential Services

www.residences.qmul.ac.uk

Security Service

www.security.qmul.ac.uk

Students' Union

www.qmsu.org

Student Health Service

www.studenthealth.qmul.ac.uk

Other useful websites

Greater London Authority

www.london.gov.uk

International Students' House (ISH)

www.ish.org.uk

The National Union of Students (NUS)

www.nusonline.co.uk

Student Travel Association (STA)

www.statravel.co.uk

Transport for London

www.tfl.gov.uk

University of London Union (ULU)

www.ulucol.ac.uk

How to find us

The easiest way to get to Queen Mary is to use public transport. There are two Underground stations and many bus stops within a few minutes' walk.

Underground

Queen Mary's Mile End campus is located between Mile End station (Central, District, Hammersmith and City lines) and Stepney Green station (District, Hammersmith and City lines). Both stations are in London Underground Zone 2.

Our Whitechapel campus is right behind the Royal London Hospital on Whitechapel Road. Whitechapel Underground station (Hammersmith and City, District and Central lines) is directly across the road from the Hospital.

Based in the City of London, close to the Barbican, Queen Mary's Charterhouse Square campus is five minutes' walk from St Bartholomew's Hospital, and not far from the main University of London campus.

The nearest Underground station is Barbican (Hammersmith and City, Metropolitan and Circle lines). Farringdon is also not far away.

The Postgraduate Law Centre at Lincoln's Inn Fields is home to the Centre for Commercial Law Studies and a base for LLM teaching and postgraduate research students. The nearest Underground station is Holborn (Central and Piccadilly lines).

Buses

All of our campuses are well served by London bus routes. Please check the Transport for London website for detailed bus route maps and timetables. There's also a useful interactive journey planner: www.tfl.gov.uk

You can also find links to road maps and more detailed campus information at: www.qmul.ac.uk/about/campus

Docklands Light Railway (DLR)

The nearest DLR station to Queen Mary is Bow Church, a short walk or bus ride from the College.

Travelcards and Oystercards

Daily, weekly, monthly or yearly Travelcards are the best, most cost-effective way to pay for public transport in London. (Buying tickets for single journeys is much more expensive). Load your tickets and Travelcards on to an Oystercard (London's travel smart-card).

A Travelcard offers unlimited travel on all forms of London transport – Underground, overground and buses. The current cost of a monthly Zone 1 and 2 Travelcard (extending from Central London to any Zone 2 destination including Mile End) with a student discount of 30 per cent is approximately £69.

Cars

Traffic is heavy and parking difficult, making driving in London an unattractive option.

There are no parking places for students on campus, with the exception of students displaying an authorised blue disabled sticker (who have applied for and received a College parking permit). Contact the Disability and Dyslexia Service for advice on 020 7882 2756.

Taxis

Black cabs use a meter to calculate your fare and you can hail one in the street. They are safe to use, but can be expensive.

Mini-cabs are normal cars and charge a fixed price. Only use registered mini-cab firms. If you want to find the licensed minicab and black cab operators in your area, you can text HOME to 60835. For more information, see: www.tfl.gov.uk/pco/findaride

Trains

London is very well served by overground train stations, all within easy reach of Queen Mary's campuses. The closest is Liverpool Street, just two stops from Mile End on the underground (Central line). Trains from Liverpool Street run

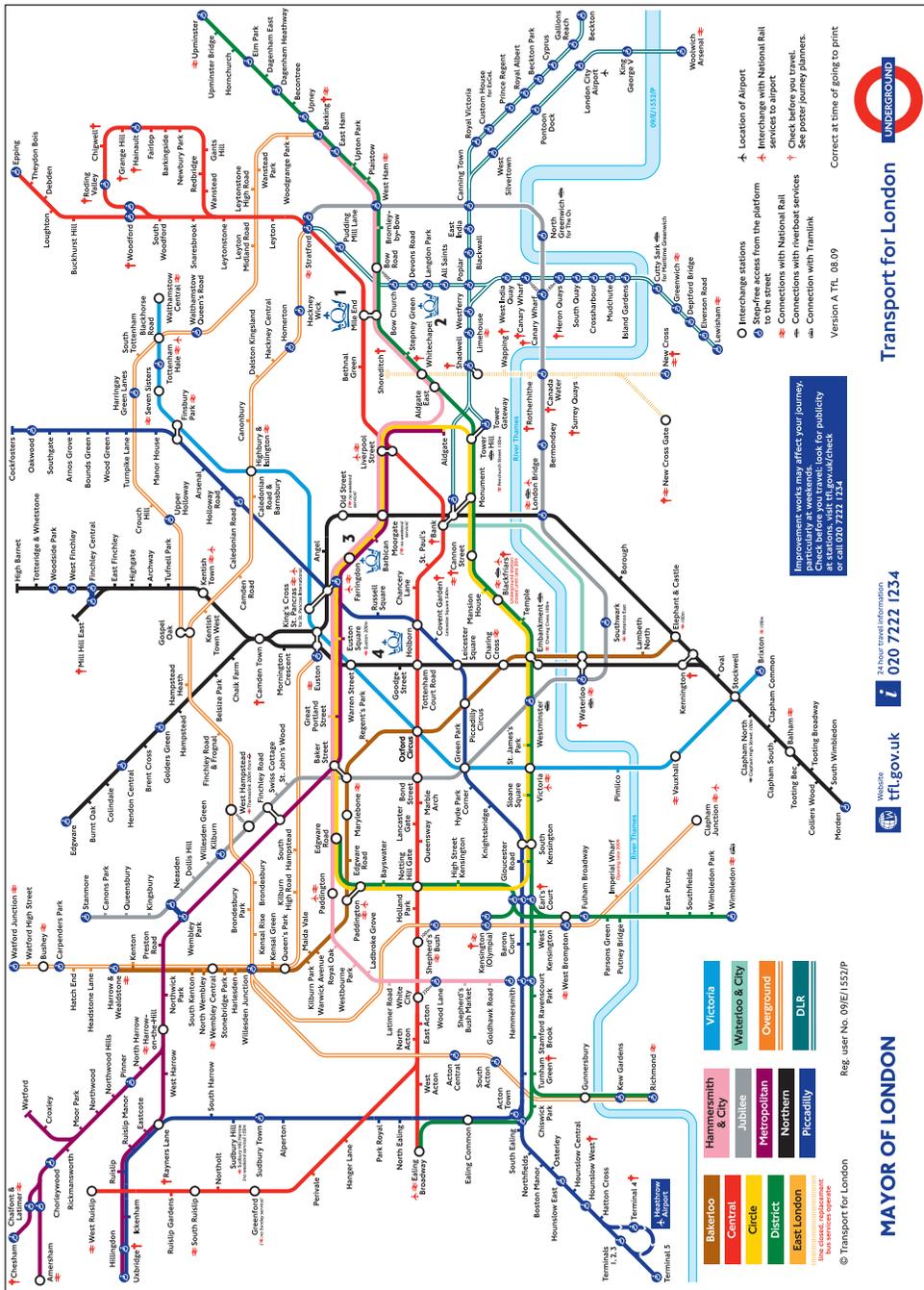
to Stansted Airport, as well as other destinations. King's Cross and St Pancras (for Eurostar services to mainland Europe) and Luton Airport are both a short journey from Mile End on the Underground's Hammersmith and City line. London Bridge and Fenchurch Street are also close by.

Airports

The closest airport is London City Airport – just five miles away – which offers regular flights to UK and other European cities.

Heathrow, Gatwick, Luton and Stansted are within easy reach of the College, and all can be reached in anything from one to two hours by train or Underground.





Transport for London

- 1. Location of Airport
- 2. Interchange with National Rail services to airport
- 3. Check before you travel. See poster Journey planners.
- 4. Connection with Tamlink

Correct at time of going to print

Improvements works may affect your journey. Check before you travel look for publicity at stations visit tfl.gov.uk/check 020 7324 7222 1234

Website tfl.gov.uk 24 hour travel information 020 7222 1234



Website tfl.gov.uk

MAYOR OF LONDON

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- Bakerloo
- Central
- Circle
- District
- East London
- Hammersmith & City
- Jubilee
- Metropolitan
- Northern
- Piccadilly
- Victoria
- Waterloo & City
- Overground
- DLR

1. Mile End Campus

2. Whitechapel Campus

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No Smoking policy on campus
CCTV operates on this campus



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