



CITY UNIVERSITY
LONDON

EST 1894

Academic excellence for business and the professions

Undergraduate Prospectus 2014/15

Educating in London since 1894





Lauren Gray is in her third year of the BSc (Hons) Speech and Language Therapy. Find out more about this degree and her experience on page 148.



Ian O'Shea will graduate from the BA (Hons) Creative Industries in 2013. Discover more about undergraduate study in City's Centre for Cultural Policy and Management on page 63.



Taric Matticks is in his third year of the BSc (Hons) Computer Science. For more information on Taric's degree and others offered in the School of Informatics, go to page 56.



Ekaterina Rubinovich is studying for a BSc (Hons) Media Studies and Sociology and she is one of over 4,000 international students at City. Read more about degrees in Sociology on page 142.



Bogdan Maksak is a student on the BSc (Hons) Accounting and Finance at Cass Business School. He also produced all the videos in this Prospectus. Find out more about undergraduate study at Cass from page 36 and download our Aurasma app to view the videos.

Amina Hassan is a member of City University London's Marketing and Recruitment team. Look out for her at UCAS events through 2013 and 2014 and at City's Open Days on 29th June and 28th September 2013.

Nazish Ali graduated from the LLB (Hons) Law in 2012 and she now works at INTO City University London, one of the University's partner institutions. Information on undergraduate study at The City Law School is on page 90.

City University London
Our city. Our campus.

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“We are proud of the quality of our education, research and enterprise and our position among the top five per cent of universities in the world.”

Welcome to City

Thank you for your interest in our University. City University London is certainly a special place. With skill and dedication we have, for over a century now, used education, research and enterprise to transform the lives of our students, our community and the world.

City is a leading global university and the only university in London to be both committed to academic excellence and focused on business and the professions.

We are proud of the quality of our education, research and enterprise and our position among the top five per cent of universities in the world (*Times Higher Education World University Rankings 2012/13*).

We are among the top 30 universities in the UK (*Times Higher Education Table of Tables, 2012*) and among the top 10 for both graduate level employment (*The Sunday Times University Guide 2013*) and starting salaries (*Which University?*). Fifteen of our subject areas were assessed as producing world-leading or internationally-excellent research in the latest Government Research Assessment Exercise.

City University London is the University of the City of London. We have strong links with the City not least because the Lord Mayor of London is our Chancellor. We are pleased to be able to offer The Lord Mayor of London Scholarships for Academic Excellence (see page 29 for further details) and guaranteed accommodation for first year undergraduates.

City has a global reputation. We attract over 17,000 students from more than 150 countries and academic staff from over 60 countries.

If you are interested in expanding your professional horizons in an academically-excellent environment while studying in the heart of one of the world's most exciting and cosmopolitan cities then please find out more at www.city.ac.uk.



Professor Paul Curran
Vice-Chancellor



Throughout this Prospectus you will find videos of our students, *alumni* and staff talking about what makes City special. If you have an iPhone, iPad or Android device, download the Aurasma app and follow the City University London Channel. Whenever you see the icon above, scan over the photograph with your device to learn more about life at City. All of our videos are also available on our website, at www.city.ac.uk/ug2014/people.

Why City?

London: one of the world's most exciting cities



“When a man is tired of London, he is tired of life.”

Samuel Johnson, 1777



From shops, cafés and restaurants to museums, galleries and arts venues; from sports clubs to night clubs and from cityscapes to green spaces, London is a city for everyone. Celebrated as a truly global city, with a diverse cultural mix, iconic landmarks and a unique energy, London is an exuberant and exciting place to live.

City University London is located in the heart of the city, meaning our students are close to the capital's leading financial, legal, media and medical institutions. Both professionally and personally, you will have the opportunity to benefit from all that London has to offer.

Why City?

Changing the world we live in

Academic excellence

Academic excellence is at the heart of everything we do at City, which means you will be educated by academics who are leaders in their field

9th

in the UK for
graduate-level jobs
*(The Sunday Times
University Guide 2013)*

Top 30

One of the top 30
universities in the UK
*(Times Higher Education
Table of Tables 2012)*

Top 5%

In the top 5% of
universities in the world
*(Times Higher Education
World University Rankings
2012)*

15

Research in 15 areas
of academic activity
assessed as being of a
quality comparable with
the very best in the world
*(2008 Research
Assessment Exercise)*

By choosing to come to City, you are choosing to study at the heart of the action, in a place where world-changing research is taking place and where you will benefit from lectures informed by the latest developments delivered by world-class academics. Our academics come from over 60 countries and bring a global perspective and a commitment to providing City students with a supportive learning experience that challenges and inspires.

In 2016, City will celebrate 50 years since it was granted University status by Royal Charter. The University's Strategic Plan for 2012 to 2016, as it approaches this milestone is focused on ensuring it continues to develop its standing as a leading global institution for education and research. Since 2012, over 100 new academics have been hired as part of our investment in academic excellence and The Lord Mayor of London Scholarships for Academic Excellence allow us to reward and support students with exceptional academic achievement: see page 28 for more information.

Top 10

for starting salaries
(Which University?)

To find out more about City academics and their research interests, simply read on: the course pages that follow include profiles of some of the staff you will learn from at City, together with snapshots of the research they are engaged in.

Why City?

An international hub of excellence

Global outlook

Far-reaching connections and close ties with institutions around the world mean City is a truly international university



City's location in one of the most diverse and fast-paced cities in the world, combined with its highly international community of students and staff, mean the University has developed close links with an extensive network of global academic partners. With our longstanding reputation as the university for business and the professions, we also have excellent relationships with international industries and organisations.

These ties allow us to offer our students opportunities for studying abroad during their degree and exceptional global employment prospects once they graduate.

World Cities World Class

The World Cities World Class (WC2) University Network was founded by City University London in 2010 to address cultural, environmental and political issues of common interest. The WC2 network's 12 members include City University New York and the University of Delhi and they are united by their location in the heart of major world cities, their excellence in research and their commitment to strategic and academic links.

International partnerships

The International Office works to support and strengthen City's global profile through developing strategic international links and activities relating to education and research. These strong links allow us to create opportunities for students to study abroad, take up international internships and for us to welcome visiting academics and speakers.



London calling

Student life at City

With London as your campus and excellent student support, there is something for everyone at City

London is one of the most exciting and vibrant cities in the world and City University London is perfectly placed for enjoying all that it has to offer. The centre of the University is in Islington, an area of London known for its great cafés, bars, restaurants and arts venues. From here you can explore the rest of the city, either by walking, on the bus or the Underground.

Whether you want to shop, visit museums and art galleries, practise your faith, take part in sports activities, go clubbing or just find some green space to sit and enjoy the sunshine, City is at the heart of it all.

On the Student Centre's website you can find more information about the support offered to prospective and current students. Visit the Students' Union website to hear more from Giulio and read about what current City students are doing.



Find out more, visit

www.city.ac.uk/ug2014/studentcentre
www.culsu.co.uk



Giulio Folino, President of the City University London Students' Union for 2012/13, is well placed to provide more information on student life at City. To watch his

video, scan his photo above using the Aurasma app on your smart device or visit www.city.ac.uk/ug2014/people.

The Student Centre

Whether you are considering applying to City, have been accepted on to one of our courses or you are a current student, our award-winning Student Centre is here to answer your questions. From practical help with your finances, finding somewhere to live and travelling around London, to advice about your course, medical support and just about anything else, we can help.

Students' Union

City University London Students' Union (CULSU) is here to help you have a great time at university, both socially and academically. We organise events and support clubs and societies to keep you entertained. We also play an active role in national student politics, run campaigns, lobby on behalf of students within the University and provide independent advice and a support service for academic issues and housing.

Clubs and societies

The Students' Union has over 70 clubs and societies covering a diverse range of social, academic, political, sporting and cultural interests. From Amnesty to Anime and musical theatre to mountaineering, there is something for everyone and if you find your interest is not catered for, we can help you to establish a new club or society.

Volunteering

There are numerous opportunities for volunteering at City, a great way to help others, while developing skills for your future career. For example, if you are interested in journalism, video production or photography you can join a student media group or if you are a law student you can volunteer on our peer-to-peer support service.

Eating and socialising

There is a range of places to eat and meet friends at the University, including coffee shops and sandwich bars, the student refectory and the Students' Union social venue, Saddlers Bar. During the day Saddlers Bar is a great place to eat or relax between lectures. In the evening it becomes a vibrant social space, hosting a range of events.

Health and wellbeing

Our Health Service offers a range of medical support, including a daily drop-in clinic, advice on special needs or disabilities, immunisation and help registering with a doctor.

Chaplaincy Service

The Chaplaincy Service is open to all students and staff, irrespective of religious belief. Here, you can explore questions of faith, meaning and purpose; learn about world religions; worship; speak confidentially and take part in social events.

Counselling service

Professional and confidential counselling services are available to all students. Discuss any problems you might have, such as relationships, loneliness, study worries, sexuality and depression. Individual and group counselling are available.

Dyslexic and learning difficulty support

We have a dedicated team to support you if you need support with dyslexia or a learning difficulty. We offer screenings and assessments as well as one-to-one support, advice on funding and help with exam arrangements.

Disability support

Our Disability Service provides a range of services, including one-to-one sessions, information on how to claim benefits and make adjustments to help your learning and speak to tutors on your behalf.

Spreading the word

At City we are committed to working with and encouraging young people who live locally to consider and make well-considered decisions about higher education. Every year we employ over 180 City students as Widening Participation Student Ambassadors to engage with young people and employers in the local community. We also run summer schools, industry days and masterclasses.

Where to live

Accommodation

A room in one of City's modern halls of residence
is guaranteed for all first year students



Moving to a big city can seem intimidating, but it's much easier if you have arranged somewhere to live that is comfortable and close to other students. At City, we offer a range of accommodation, including modern and newly refurbished halls of residences a short walk from the main University buildings, as well as private accommodation.

All prospective full-time students can apply for a place in halls of residence and we guarantee a place to all first year undergraduates who accept a place at City within the accommodation deadline. Whether you want to live in halls or privately rented housing, our Student Centre's Accommodation Team can help.

Halls of residence

Living with other students provides a great opportunity to meet new people from different courses and backgrounds, and at City we have self-catered halls of residence a short walk from the main University buildings. Each with a team of management staff, our halls have private, modern study bedrooms and communal living spaces, where you can cook, relax and feel at home.



Ensuring a room in a hall of residence

We are able to guarantee a place for first year undergraduates in halls of residence. To make sure you get a room in halls, you will need to accept firmly our offer of a full-time course and apply for accommodation no later than 30th June 2014 (for courses beginning in September 2014). You will also need to be 18 years or above at the time of moving into halls. The Student Centre will then confirm your place.

If you are holding City as an insurance offer and you change this to a firm acceptance before 30th June, you must let us know so the alteration can be recorded. Your application for accommodation will not be guaranteed until you have done so.

Private accommodation

If you do not want a place in halls, the Student Centre can provide information to help you find accommodation in the private sector. July and August are the best times to find private accommodation in London for the following academic year.

Costs of private accommodation

Private accommodation in central London can be expensive. To get an idea of what you may have to pay, visit the accommodation pages on our website. Keep in mind that your heating, electricity and hot water will probably not be included as part of your rent and you will also have to pay a refundable deposit. It may be less expensive to live further away, but this will mean you will have transport costs.

Temporary accommodation

If you decide not to live in halls of residence and you require temporary accommodation while you look for a room in the private sector, there is a list of hotels and hostels on our Private Housing website so you can arrange to stay in temporary accommodation until you find somewhere more permanent to live. The cost is likely to be at least £70 a night.

Council tax

Most full-time students do not have to pay council tax. If you are sharing accommodation with non-students, you may be expected to contribute to the household's council tax bill.

Special requirements

If you have any special requirements for your accommodation, please contact our Student Centre for advice as soon as possible after you have received an offer of a place at City.

Further information

For more information about when and how to apply, costs, different types of accommodation and special requirements, visit the accommodation pages on our website.

On our website you will find the most up-to-date information on living in halls of residence and private accommodation.



Find out more, visit
www.city.ac.uk/ug2014/accommodation

On your marks

Sport at City

We offer a diverse range of sport and fitness programmes for all levels



Sport plays an important role at City and our new Sports Centre will open in 2014. Whether you want to continue with a familiar sport, set new goals, try something new or join a team, the University offers a varied range of activities.

We have an active sporting calendar and everyone is welcome to take part. Play tennis or football, join a Zumba class, represent the University in competitive sport or build a new fitness programme – whatever you would like to try, we have an experienced team and excellent facilities to help you achieve your goals.

New Sports Centre

The City University London Sports Centre will open in autumn 2014. The new centre will provide outstanding facilities and equipment for students, staff and members of the public to enjoy. The heart of this new building will be a Sport England-standard, high competition sports hall, with spectator seating for court games. The centre will also include a well-equipped strength and conditioning area and studios.



Sports Desk

Staff at the Sports Desk are on hand to offer advice and encouragement to help you achieve health, fitness and sporting goals. The University offers a broad range of fitness classes, team sports, social sport and wellbeing programmes and welcomes everyone from our diverse community.

Represent the University

There are several opportunities to take part in competitive sport at City. Trials take place at the beginning of term and teams that will represent City during the forthcoming season will then be selected. Many of our sports teams compete in the British Universities & Colleges Sport (BUCS) and London University Sports League (LUSL) and compete against teams from other universities on a Wednesday afternoon. Look out for dates and times of trials during Welcome Week.

Individual sport

If you have an interest in a particular sport and you are not part of a team, the Sport and Leisure team can offer support with competition entry, travel costs and possible coaching advice. You will need to present any qualifications, competition records, and relevant UK or international rankings, if required.



Campus physical activity programme

We have a dynamic programme of fitness classes and wellbeing activities for all staff and students, with plenty of opportunities for you to stay healthy and fit, have fun and make new friends. Qualified trainers are available to help you inject new energy into your daily routine and change your lifestyle for the better.

Visit our website for more information on sport at City and progress on our new Sports Centre.



Find out more, visit
www.city.ac.uk/ug2014/sport



London. Your city, your campus

International students

Our location and links with the City of London make City the perfect place to study and build essential networks for your future career

With international students from over 150 countries and academic staff from over 60 countries, City University London is a vibrant and cosmopolitan environment in which to live and study.

The centre of the University is in Islington, an area of London known for its great cafés, bars, restaurants and arts venues. From here you can explore the rest of the city, either by walking, on the bus or the Underground. Whether you want to shop, visit museums and art galleries, practise your faith, take part in sports activities, go clubbing or just find some green space to sit and enjoy the sunshine, City is at the heart of it all.

Our website has more information on life as an international student at City. For up-to-date information on visa requirements, visit the UK Border Agency website.



Find out more, visit

www.city.ac.uk/ug2014/international
www.city.ac.uk/ug2014/alumni
www.city.ac.uk/ug2014/studentvisas

Business connections

London is a major international hub for a wide range of business sectors, including finance, creative and media. We have close links with business and the professions, an outstanding Career and Skills Development Service and many of our courses include work placements, making City graduates among the most employable in the UK and beyond.

Entry qualifications

To gain a place at City, you will need to meet the University's general requirements and the specific requirements of the course. Our Admissions Office is experienced in dealing with international qualifications and can help you with any queries you may have.

English language courses and support

As City's courses are taught in English, you will need to provide proof that you are competent in English before admission. We run full-time courses in English during the summer to help students improve their English before their course starts. See the course pages for the English language requirements of specific courses.

Foundation courses for overseas students

Students who do not meet the standard admissions requirements for direct entry can take a foundation course or preparatory route before starting their degree course. For more information on foundation courses, please see page 160.

Applying through UCAS

All students applying for full-time undergraduate courses at universities and colleges in the UK must apply through UCAS (Universities and Colleges Admissions Service). The UCAS application deadline for UK and EU students is 15th January 2014. The application deadline for overseas students is 30th June 2014, but we would strongly advise overseas students to submit their applications by 15th January 2014.

Visa requirements

You are responsible for obtaining any necessary visas and entry clearance into the UK. Information about applying for and extending visas to study is available on the University website. Further information about applying for visas outside the UK is available on the UK Border Agency website.

Tier 4 (General) Student Visa

If you have a Tier 4 (General) Student Visa, which was issued for study at another university, college or school in the UK, you will need to make a new Tier 4 application to the UK Border Agency using a Confirmation of Acceptance for Studies from City, before you will be allowed to enrol with us.

Contact international alumni

City *alumni* are spread all across the world and our network of *alumni* groups stretches from Argentina to New Zealand. If you have questions about moving to London and studying at City as an international student, they will be able to give you advice and share their experience with you. Visit our *alumni* page on the City website for more information on your nearest group.

Tuition fees

Fees for overseas undergraduate students vary according to the course you intend to study. Up-to-date fee information for the 2014/15 academic year will be available on the University website. If you are from the EU, you will normally qualify for the UK fee rate.

Accommodation

We guarantee accommodation to all full-time first year international undergraduate students, provided we receive your accommodation application before the deadline (see page 12). Most of our student accommodation is within walking distance of the University. Our Student Centre can provide advice and guidance on finding suitable private accommodation.



Broadening horizons through learning

Studying at City

Our aim is to provide an excellent educational environment to help you achieve your ambitions

We do everything we can to ensure you have a rich and varied learning experience at City. We deliver high quality courses, communicate effectively and listen to your views. We are committed to treating you in a professional, courteous and helpful way and achieving equal opportunities for all students.

Staff

Our academic staff includes internationally renowned experts who are involved in ground-breaking research and take leading roles in shaping practice in government and industry. They will play a major role in your educational experience and are dedicated to making sure your learning is relevant and rewarding.

State-of-the-art facilities and equipment

As part of our commitment to academic excellence, we recently carried out a multi-million pound refit to our learning spaces, library and IT infrastructure. Many of the changes were informed by our students' comments and they now enjoy the use of up-to-date facilities and equipment.

Flexible approaches to learning

We provide an integrated learning experience for our students, combining physical and virtual learning spaces for lectures, seminars, tutorials and personal study. Students have access to a breadth of online materials, tools and activities, including their own personal learning spaces, and many courses are structured to facilitate flexible learning.

Studying abroad

Many undergraduate and postgraduate (taught and research) students can undertake an international study or work placement as part of their study. International exchanges and placements can be from three to twelve months, dependent on the School or the department's academic requirements.

International summer schools

A summer school is a short-term study programme, which provides you with an experience of living and learning in another country. Open to all undergraduate students, they last between two and eight weeks and take place during holiday periods. You will need to apply for them independently and you will be responsible for meeting all the costs, although there are grants for studying in Europe.

Work placements and internships

There is an increasing demand among employers for students to have undertaken a period of work experience and many degree programmes at City offer students the opportunity to undertake a work placement as part of their degree. Although it is your responsibility to find a suitable work placement, the departmental Placement Officer or industry Placement Advisor in your School will be able to advise you.

Methods of assessment

Assessment methods vary from course to course, with most courses combining examinations with written coursework, projects or group work. Course descriptions in this Prospectus and online provide further information on assessment, how marks contribute to final degree classifications and about regular feedback, which supports learning.

Quality-assured education

The Quality Assurance Agency (QAA) is responsible for safeguarding the standards of learning in UK higher education and for encouraging continuous improvement. QAA reports consistently recognise the quality and standards of education at City. Many of our courses are also recognised by relevant professional bodies, providing further endorsement of our educational standards.

Share your views

Students have a valuable role to play in developing courses and shaping the learning experience, both for themselves and for future students. As a result, we encourage our students to express their views. In addition to listening to feedback, we encourage you to express your views in more formal settings and to complete course surveys, which provide invaluable insights that help us fine-tune and improve the learning experience.



A wealth of information at your fingertips

Libraries and IT Services

Books and technologies to support your learning

The recently refurbished main University library occupies five floors in the Northampton Square building. In addition, there are specialist libraries for Cass Business School and The City Law School. Students are welcome to use any of the libraries. Together, our libraries contain more than 280,000 volumes and over 50,000 titles that can be accessed electronically, on and off campus.

City also boasts excellent IT facilities throughout the University, and the IT Service Centre provides support for students during term time.

Library facilities

As well as books and access to electronic material, our libraries contain software packages, DVDs, musical scores and CDs. Facilities include 1,400 individual study spaces, group study rooms, equipment to help you prepare presentations and print and photocopy facilities.



Helping you find what you need

Our dedicated library staff will help you navigate through our extensive collection of information sources so you can locate, access and evaluate the resources you need. The library at Northampton Square is open until midnight on weekdays and until 9pm at weekends during term time.

Assistive technology

The library provides a range of support for users with disabilities. Facilities include software for students with visual impairments, Inspiration mind mapping software and voice recognition software. The equipment is available in specialist rooms within the main library at Northampton Square.

IT Services

Cutting edge technologies, 24 hour IT support via telephone and widely available wireless access ensure students enjoy excellent connectivity. The IT Service Centre, open during term time from 8am to 8pm and outside term time from 8am to 6pm, provides a one-stop shop of expert help and advice, whether you are configuring your device to connect to the wireless network or purchasing print credit.



Workstations and PC laboratories

We provide over 1,000 PCs, 200 Apple Macs and 57 Linux workstations, located in accessible areas around the campus, with 24 hour access for specific areas. You can find which machines are available at any time on the University's intranet.

Visit our library and IT web pages for more information on the resources available to City students.



Find out more, visit

www.city.ac.uk/ug2014/library
www.city.ac.uk/ug2014/it-services

Life after City

Beyond University

Employment prospects

Plan your career, build your skills and find
out about your chosen industry

Every student is keen to know they will have access to as much support and advice as possible when it comes to finding a job after university. From applying for jobs and attending interviews, to gaining experience for life in the workplace, City offers exceptional opportunities.

With professionally accredited courses and close links with relevant industries, our students enjoy very good prospects of finding work when they leave City. Our reputation for producing highly employable graduates is well established and we are placed 9th in the UK for graduate level jobs in *The Sunday Times University Guide (2013)*.

Our Career and Skills Development Service encourages City students to get in touch from their first day at City. To find out more about what is on offer, visit their website or watch our video with the Service's Director, Gary Argent.



Find out more, visit
www.city.ac.uk/ug2014/careers



Gary Argent is Director of the Career and Skills Development Service at City. To watch him talk about how City prepares its students for employment after they graduate, scan his photo above using the Aurasma app on your smart device or visit www.city.ac.uk/ug2014/people.

Specialist careers advice

The friendly and helpful staff at the Career and Skills Development Service are there to help you evaluate your life and career goals and plan the steps you need to take to achieve your aims. Discuss your plans at one-to-one appointments and discover our extensive careers resources, which include computer-aided guidance packages and aptitude testing systems.

Careers workshops and presentations

Find out about potential employers' recruitment arrangements and polish your job search techniques. Major employers visit at City regularly through the year, to give presentations, attend careers fairs and run skills sessions. In addition, careers consultants and employers frequently hold workshops on subjects such as successful interviews and presentation skills.

Graduate, internship and placement opportunities

Discover industrial placement and internship opportunities for while you are studying and graduate opportunities for after you graduate, with City CareersHub, our specialist online service. All City students and graduates are registered on the site, along with more than 5,000 employers, such as the BBC, Bloomberg, Deloitte, Goldman Sachs, HSBC, Macfarlanes LLP, PwC, Santander and *The Times*.

Industry insight panel events

The Career and Skills Development Service regularly host panel events, giving students the opportunity to investigate the career options available to them. Each event consists of a series of talks followed by a networking reception with employers and recent graduates, often featuring *City alumni*.

Temporary and part-time work

Unitemps, City's internal temping agency, helps students and recent graduates find part-time and temporary work at the University and in local businesses. The service includes an online portal where you can register, view and apply for vacancies. You can also visit the office to discuss your requirements with the team.

Student volunteering

Improve your employment chances by developing new skills through volunteering. Recent volunteers have worked with a broad range of organisations, both on and off campus. Once you've completed a placement, we will help you articulate your newly found skills on your cv and during interviews.

Improving your prospects

Alumni

City students enjoy outstanding support from the University's *alumni*



At City, we are fortunate to have an active community of *alumni*, former students who continue to be involved with City and who are willing to give their time, share their experiences and knowledge and support our students.

With their help, students can gain a taste of the workplace, greater understanding of how a particular industry works and confidence for work interviews and life beyond university. Once you graduate, you'll join City's *alumni* network, alongside some of our well-known *alumni*, including Sir Stelios Haji-Ioannou, Director of easyGroup PLC, Professor Dame Wendy Hall, one of the most influential women in UK IT and Richard Klein, Controller of BBC4.

Ask alumni

Ask *Alumni* is an online mentoring tool which enables *alumni* to share their experiences of breaking into a particular industry or profession, or suggest ways a student can develop his or her career. Each of our *alumni* mentors has an entry in an online database, which includes searchable information on their education at City and subsequent career experience.



Professional mentoring and work-shadowing

There are plenty of opportunities for current students to meet and learn from *City alumni*. Our professional mentoring scheme matches enthusiastic second and third year undergraduates with professionals who can help them develop the skills and confidence they need to compete in the job market. *Alumni* are also involved in the work-shadowing scheme, which allows *City* students to shadow professionals working in the profession or industry they are hoping to enter, gaining valuable first-hand experience of that field. Finally, regular coffee mornings for *alumni* and students are an informal way for current students to benefit from the experience of *City* graduates working in a wide variety of professions.

Find out more about the benefits of being a *City alumnus* and how *City's alumni* network can help you while you are a student here.



Find out more, visit
www.city.ac.uk/ug2014/alumni

Funding

Money matters

Funding your studies

Financial support and advice is available to you while you are studying at City



There are many ways of funding your way through university. Make sure you find out about bursaries, loans, grants and other support to which you may be entitled. You will find more information on our website and also on the government's Student Finance website.

When you are applying to City and once you start your course, you will be able to ask about financial support and money management advice at our award-winning Student Centre. Staff there will advise you about budgeting, including your accommodation, food, utility bills, travel, clothes and course materials.

Start planning your time at University by visiting our website, where you will find links to information on fees, scholarships and bursaries for European and international students.



Find out more, visit

www.city.ac.uk/ug2014/funding
www.city.ac.uk/ug2014/scholarships
 For general information about student finance:
www.gov.uk/browse/education/student-finance
 For information relating to second degrees:
www.direct.gov.uk/pcdl

Tuition fees

City University London's tuition fee is currently £9,000 a year for all UK and EU students (2013/14). If you are eligible, you will not have to pay in advance for your tuition fees as the cost can be covered by a loan. If you don't take out a loan, fees are paid directly to the University. This can be done in two instalments, at registration and the following January. Please check our website regularly for updated information on our 2014/15 tuition fees.

Repaying tuition fee loans

Once you have graduated and are earning above £21,000 a year, you will start to repay your tuition fee loan at affordable rates based on your salary. Although EU rates may vary, the current repayment rate in the UK is 9% of any amount over £21,000 that you earn per annum. So, if your salary is £25,000, you will repay 9% of £4,000. Your employer will deduct repayments from your monthly earnings.

Please note that these figures are correct for the 2013/14 academic year. Our website carries the most up-to-date information on tuition fee loan repayment.

Grants and loans

Eligible full-time UK students with a household income of £42,611 or less may be entitled to a Maintenance Grant or Special Support Grant of up to £3,354*. Eligible students can also apply for a maintenance loan of up to £7,675*, dependent on your personal circumstances.

You can apply for student finance online. The application process will assess you for loans, grants and special allowances.

*2013/14 figures

Hardship funds

The Access to Learning Fund (funded by the Government) and the City University London Hardship Fund provide assistance for fully-enrolled students who are experiencing hardship or who face an unexpected financial emergency during their studies. Priority is given to students with a disability and/or children, care leavers and those in their final year.

Second degree students

If you already hold a bachelor's degree, you will not normally be eligible for student finance for a second bachelor's degree, but you could explore alternative funding through a Professional and Career Development Loan.

Part-time students

Loans for tuition fees are available to eligible part-time undergraduate students who complete a minimum of 25% of the full-time course per year. Part-time students are not eligible for maintenance loans or grants.

NHS-funded courses

The NHS normally pays your tuition fees if you are on one of the following health BSc (Hons) courses: Midwifery, Nursing, Radiography and Speech and Language Therapy. The maintenance support includes a non-means tested grant and a means tested bursary. Students can also apply for a non-means tested maintenance loan from Student Finance England.

EU and other international students

If you are a student from the European Union you are normally entitled to a tuition fee loan only. In some cases, if you have been resident in the UK for more than three years for non-study purposes, you may be entitled to assistance with your living costs.

Students with dependents

Students with child or adult dependents may be eligible for an Adults Dependent Grant, Parents Learning Allowance and/or Childcare Grant. You can find more information about these and other potential sources of funding at the Student Finance website.

Students with a disability

If you have a disability, continuing health condition, mental health condition or specific learning difficulty such as dyslexia, you may be entitled to further support to help you cover additional costs associated with your studies, through the Disabled Students' Allowances (DSAs). The assessment is based on your needs and not related to household income. Full-time and part-time students are eligible to apply.

Help with your finances

Scholarships, bursaries and prizes

Scholarships, bursaries and prizes are available to help fund your tuition fees and living costs



Going to university is a big decision and at City we have an experienced Financial Support team to offer advice on student finance. We also have a broad range of scholarships, bursaries and prizes available for UK and EU students.

Scholarships, bursaries and prizes can be awarded for several reasons, including exceptional academic achievement and bursaries are available for students from low household income backgrounds. The amount of money per award ranges from £100 to £3,000 and further information about eligibility and how to apply can be found on our website.

You will find up-to-date information about scholarships, bursaries and prizes on the funding pages of our website.



Find out more, visit

www.city.ac.uk/ug2014/scholarships
www.city.ac.uk/ug2014/funding
www.cass.city.ac.uk/ug2014/scholarships
www.city.ac.uk/ug2014/scholarships/engineering-maths

The Lord Mayor of London Scholarships for Academic Excellence

At City University London we believe exceptional academic performance should be recognised and rewarded. Full-time students who achieve ABB or above in their 'A' Levels (or acceptable equivalent qualifications) are eligible for a scholarship of up to £3,000.

National Scholarship Programme

Full-time students with a household income equal to £16,000 or less may qualify for the National Scholarship Programme. Each scholarship is worth £3,000 for one year, and a minimum of 300* scholarships will be awarded.

*Based on 2013/14 figures

The Worshipful Company of Needlemakers Award

This scholarship is worth £1,000 for one year and is open to new full-time UK students.

The Worshipful Company of Dyers Bursary

This scholarship offers £1,000 per academic year. New full-time UK students in financial need are eligible to apply.

City Future Fund Scholarships

These scholarships are funded by City *alumni* and staff and provide a variety of support, including £1,000 scholarships. New full-time students in financial need are eligible to apply.

City University London Academic Prize Scheme

Second year undergraduates who excel in their studies may be considered for prizes, worth between £100 and £500.

Awards from Cass Business School

Cass Business School offers scholarships to new full-time students, awarded on the basis of financial need or academic merit.



Awards from the School of Engineering & Mathematical Sciences

The School of Engineering & Mathematical Sciences offers scholarships to new full-time students. They are awarded on the basis of financial need and/or academic merit.

List of degrees



City University London has six Schools: Cass Business School, the School of Arts & Social Sciences, the School of Health Sciences, the School of Engineering & Mathematical Sciences, the School of Informatics and The City Law School. Each School is committed to providing undergraduate, postgraduate and professional degrees that are inspiring, relevant and challenging. On the pages that follow, you can meet some of our current students and recent graduates and find more information about undergraduate education at City.

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Course entry requirements

The entry requirements and course information listed on the pages that follow are accurate at the time of going to press. However, changes can occur in the interval between publication and the academic year to which this Prospectus relates. Applicants should visit the webpages listed for further information, updates or changes.

For a general guide to entry requirements at City University London, please also see pages 156–159.

Accounting and Finance

Bogdan Maksak, 18 →

BSc (Hons) Accounting and Finance, second year

How would you describe your time at City?

It has exceeded my expectations.

I am from Ukraine and was a professional junior tennis player there until I was 14. At that point I had to choose tennis or education and I chose education and I decided, with my parents, that I would study in England.

For my degree, I wanted a course that emphasised practical skills that I could apply to real life and so I chose City. My expectations have been exceeded as there are so many speakers and networking opportunities and I've made so many contacts through the University. I've been running businesses since I was 15, but at the moment, my plan for the future is to have no plan!

*Bogdan filmed all the videos of individuals featured in this prospectus.

Course listing

Accounting and Finance BSc (Hons)

35

Bogdan is in Northampton Square, at the heart of our main campus. City University London has been based around Northampton Square since 1894.

Accounting and Finance involves learning how to analyse and verify an organisation's financial information and to produce financial reports that are relevant to directors of the business, shareholders, analysts and auditors. A degree in Accounting and Finance prepares people for a career in accountancy by providing a solid foundation in a range of financial and accounting disciplines. It usually allows students to gain exemption from some professional qualifications and to prepare for external examinations.

Studying Accounting and Finance at City

The BSc (Hons) Accounting and Finance is designed to meet employers' needs for well-trained accountancy professionals and is one of the few UK degrees supported by the Institute of Chartered Accountants in England and Wales (ICAEW). As well as focusing on finance and accounting, students can broaden their studies into areas including languages, business law and corporate social responsibility. This degree produces well-rounded graduates with skills that are relevant to a wide range of careers in business, finance and accountancy.

Opportunities for work placements

The BSc (Hons) Accounting and Finance degree is available as a four year option for those who wish to undertake a work placement. Cass Business School has links with many leading accountancy and finance firms and can offer placements at firms such as PricewaterhouseCoopers, Deloitte, KPMG, Ernst & Young, ICAP and Goldman Sachs. Work placements enable students to network with professionals and gain valuable work experience.

Opportunities for study abroad

Students studying Accounting and Finance have the option to spend a year abroad at leading institutions in Europe and further afield including Technische Universität München, Munich, Germany and the National University of Singapore.

Research in Accounting and Finance

Dr Andrew Yim

It is perhaps natural to assume that if a company engages in deceptive behaviour when preparing its accounts, that behaviour has the ultimate goal of over-reporting profit, creating an artificial picture of financial good health. Indeed, much of the research into deceptive behaviour in accounting has focused on this sort of income-increasing manipulation. But as Dr Andrew Yim's recent research illustrates, deceptive accounting practices are often more complex and nuanced than this research would suggest. Dr Yim, who leads a final year auditing module in the BSc (Hons) Accounting and Finance, uses theoretical modelling to explore the practice known as 'cookie jar accounting', in which companies fail to declare some of their profits during good years, putting those reserves in a 'cookie jar' to be available to the company during less successful years. Thus firms consistently either under-report or over-report their profits, depriving investors and auditors of a true picture of their financial performance. Dr Yim's current research examines in more detail the sorts of 'cookie jar accounting' that exist. In the future, his work could be used to help auditors and regulators recognise the signs of these practices, thus improving the accuracy and reliability of financial reporting.

Find out more about Accounting and Finance

More information on the accounting profession can be found at www.icaew.com.



Email enquiries

cassug@city.ac.uk



Telephone enquiries

+44 (0) 20 7040 4040



Find out more, visit

www.cass.city.ac.uk/courses/undergraduate

Accounting and Finance

BSc (Hons)

The BSc (Hons) Accounting and Finance provides a solid grounding in all areas of accounting and finance, including financial accounting, assurance, audit, taxation, law, corporate finance, financial management, economics, mathematics and statistics.

UCAS code
NN43
Duration
3 years or 4 years with a placement or study abroad
Entry requirements
Typical offers require one of the following:
'A' Level
AAA (one subject must be Mathematics or a science)
IB
35 points overall including 7, 6 and 6 in three Higher Level subjects (one of which must be Mathematics or a science) and 5 in all Standard Level subjects
Consideration will be given to 1 bonus point
In addition, the following is required:
GCSE
English Language grade C and Mathematics grade A (or equivalent)
English language requirements
IELTS: 6.5 overall with a minimum of 6.0 in any one component
TOEFL: 100 internet-based total with a minimum of 23 in all sections

The degree is available as both a three and a four year degree for those who wish to take up a one year work placement option.

As the course is designed in conjunction with the Institute of Chartered Accountants in England and Wales (ICAEW), students who meet the relevant criteria can achieve the maximum exemptions or credit for prior learning from the ICAEW's Chartered Accountant qualification (ACA) and prepare for the four external examinations.

Course structure

Year one

In the first year, students develop the fundamental knowledge required for a successful career in many areas of business, including accounting, finance and financial markets, economics and law. This year also focuses on consolidating quantitative skills in business and finance applications.

Year two

In the second year, students acquire a deeper understanding of accounting, financial markets, risk and capital markets. They develop the ability to record transactions, prepare financial statements, apply tests to financial and accounting problems, analyse the operations of a business and perform financial analyses and projections. They also gain exposure to more complex topics such as financial reporting and taxation.

Final year

The final year sees students tackling more advanced topics in both accounting and finance, including audit, taxation, financial management and corporate finance. As part of the BSc (Hons) Accounting and Finance course, students are required to undertake a final year project on a topic relevant to their studies.

Career opportunities

Graduates of this course are well placed to enter a career in accountancy or in other areas of finance and the financial markets.

Accreditation

Cass Business School BSc (Hons) Accounting and Finance is supported by the ICAEW and has been designed so that students can achieve maximum exemptions from the knowledge and application modules of the ACA qualification. Graduates therefore gain a significant head start on the road to becoming a fully qualified accountant.

Actuarial Science



Course listing

Actuarial Science BSc (Hons)

38

Azeezat Akande, 21

BSc (Hons) Actuarial Science,
graduated summer 2012



How do you feel about moving on from City?

My future starts here!

I chose to study Actuarial Science because it has a reputation for being hard and I wanted to be challenged. It's similar to a maths degree, but with a real world focus. And I chose City because the course is ranked as one of the best. City has so many good contacts for work experience and I am starting a job as a tax assistant at Ernst & Young as a direct result of the internship I completed there during my degree.

An actuarial science degree combines studies in mathematics, probability, statistics and economics, leading students to develop a set of skills in financial risk management that are in high demand across industry. Studying an Actuarial Science degree also gives students who want to pursue an actuarial career upon graduation the chance to gain exemptions from some of the profession's examinations.



Email enquiries
cassug@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 4040



Find out more, visit
www.cass.city.ac.uk
www.cass.city.ac.uk/courses

Studying Actuarial Science at City

The Sir John Cass Business School BSc Actuarial Science degree is the longest-established Actuarial Science degree in England and provides eight exemptions from the Institute of Actuaries' professional examinations. As a result of Cass Business School's strong relationship with the profession, the course is highly attuned to the current needs of the actuarial industry and equips students with the precise skills that future employers will require. Our links with industry also enable us to offer students excellent work placement opportunities.

Opportunities for work placements

Students enjoy a wide range of professional placement opportunities in areas such as corporate insurance and risk management, actuarial investment pricing and capital management. Actuarial Science students have recently taken up placements with leading employers including Aviva, HSBC Life and Pensions, Friends Life, Munich Re, Willis and Legal & General. Our links with industry also enable us to offer students excellent work placement opportunities.

Opportunities for study abroad

Actuarial Science students can spend a year abroad at one of our prestigious, highly-ranked partner institutions, including the Chinese University of Hong Kong, China and the University of Barcelona, Spain. Studying abroad enables students to expand their international network of contacts, develop a wider perspective on the world of actuarial science and enhance their career prospects.

Research in Actuarial Science

Professor Vladimir Kaishev

When leading his core third year course on Statistics and Probabilistic Modelling for Insurance, Professor Vladimir Kaishev does not have to look far to find appropriate insurance applications learning material for his students. For much of the course, which covers stochastic modelling methodologies used in the insurance business, Professor Kaishev's own experience and research published in leading international journals are an important source of inspiration. Over the course of his career, his research has informed and shaped industry practice, with companies including Swiss Re and AON-Benfield calling upon his expertise and adopting his models. Professor Kaishev's research covers many different areas of applied probability and statistics, actuarial science and finance, including solvency risk and the probability of ruin of insurance companies. In his research on ruin theory, Professor Kaishev and his colleagues are working to develop an early warning alarm system, using statistical modelling to detect the likelihood of corporate bankruptcy. Such a development could have far-reaching implications for the financial services sector.

Find out more about Actuarial Science

More information on the actuarial profession can be found at www.actuaries.org.uk.

Actuarial Science Foundation year

UCAS Code: G320

Designed for students who do not meet the entry requirements for the BSc, the Actuarial Science Foundation year is taught at the University and at City's partner further education institution, Westminster Kingsway College. It covers mathematics, probability and statistics, economics and computational mathematics and enables students to develop mathematical ability, communication and study skills. For further information on the Foundation year, including entry requirements, please visit our website.

Actuarial Science

BSc (Hons)

This degree offers students a sound education in actuarial and financial studies, mathematics, statistics and information technology.

UCAS code
G322
Duration
3 years or 4 years with a placement or study abroad
Entry requirements
Typical offers require one of the following:
'A' Level
A* (Mathematics) AA
IB
35 points overall including 7 in Higher Level Mathematics, 6 in all Higher Level subjects and 5 in all Standard Level subjects
Consideration will be given to 1 bonus point
In addition, the following is required:
GCSE
English Language grade C and Mathematics grade A (or equivalent)
English language requirements
IELTS: 6.5 overall with a minimum of 6.0 in any one component
TOEFL: 100 internet-based total with a minimum of 23 in all sections

It involves the application of quantitative skills to problems in finance that normally involve risk or uncertainty. This degree is ideal for those who excel in and enjoy mathematics, in particular modelling and probability, especially those who like asking “What if?”. The degree provides students with the skills to become an actuary and offers a good starting point for those who want to use their skills in risk management, investment management or financial analysis.

Course structure

Year one

In the first year, students study six core modules that provide the foundations for later study, including two significant mathematics modules and introductory courses that assume no prior knowledge of the respective subjects.

Year two

In year two, the focus moves from mathematics to actuarial science and statistics and probability. Core modules include Financial reporting, Contingencies and Stochastic models.

Final year

In the final year, four core modules allow students to develop an in-depth understanding of actuarial and statistical subjects, while a wide range of electives covers actuarial science, statistics, business, economics and languages. Students also undertake a final year project in an area relevant to their interests and ambitions.

Career opportunities

The recent economic situation has increased the need for people with the skills to assess risk. Actuaries and those with actuarial skills are in considerable demand. The majority of our graduates become actuarial trainees and study for the Institute of Actuaries' examinations. Others embark on careers in investment banking and investment management, accountancy, commercial banking, insurance, financial analysis, management and computing and teaching. Some students progress to postgraduate study, often on City's MSc Actuarial Management.

Accreditation

This degree can provide exemptions from CT1–CT8 of the actuarial profession's examinations.



The BSc (Hons) Actuarial Science is ideal for those who excel in and enjoy mathematics, in particular modelling and probability, especially those who like asking “What if?”.

Banking, Finance and Investment



Course listing

Banking and International Finance BSc (Hons)	42
Investment and Financial Risk Management BSc (Hons)	43

Rob Scully, 23

BSc (Hons) Investment and
Financial Risk Management,
third year



What have you learnt at City?

If you want something,
go out and get it.

I started studying here in 2008, but then I took two years out to be the Vice President and then the President of the Students' Union. Working for the Union changed my perspective: I now think that maybe I'll go into politics at some point. I know I want a job with some variety and an amount of responsibility. My course is very good; there's an emphasis on linking study to real-time events, which brings the subject alive.

Since the rapid expansion of the investment banking industry, there has been an increasing need for competent and knowledgeable graduates in the areas of banking, investment, finance and risk. A degree in Banking and International Finance embraces the study of international banking systems and financial markets and prepares students for careers in the world of global finance. A degree in Investment and Financial Risk Management investigates modern investment and risk management techniques and offers a route to becoming a trader, a fund manager, a broker or an analyst in any area of finance.



Email enquiries
cassug@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 4040



Find out more, visit
www.cass.city.ac.uk/courses/undergraduate

Studying Banking, Finance and Investment at City

Employers in the highly-competitive world of the financial services and corporate advisory industry demand graduates who are capable of analysing and solving complex problems. Cass Business School has worked closely with major employers to develop two courses that meet the finance industry's needs: the BSc (Hons) Banking and International Finance and the BSc (Hons) Investment and Financial Risk Management. Both courses provide students with the practical skills they need to succeed in the dynamic and fast-moving global finance business.

Opportunities for work placements

Cass Business School has established relationships with a variety of leading financial firms and can offer a wealth of placement opportunities. Students on the BSc (Hons) Banking and International Finance have had placements including the Bank of England, Morgan Stanley, KPMG, American Express, Nomura and Citi. BSc Investment and Financial Risk Management students have taken placements at UBS, HSBC, Goldman Sachs and GE Money.

Opportunities for study abroad

Students studying these courses can choose to spend a year abroad in highly-ranked institutions such as Bocconi University, Milan, Italy and Emory University, Atlanta, USA. Students studying abroad can gain a valuable additional perspective on the global finance industry, increase their network of contacts and improve their career prospects.

Research in Banking, Finance and Investment

Dr Sotiris Staikouras

In a challenging, uncertain economic climate, is bigger always better? Dr Staikouras' research suggests that for financial institutions, the answer might well be 'not necessarily'. In his research, Dr Staikouras also looks at the performance of financial conglomerates: institutions that have merged to provide diverse financial services such as banking and insurance. Early work compared the performance of institutions before and after mergers, to determine the impact of such deep structural change on assets. Since the financial crisis of 2008, however, Dr Staikouras has also explored how conglomerates have fared, finding that conglomerates are likely to suffer more than single-service institutions. Dr Staikouras also explores asset liability management in financial institutions, examining how equity performance is affected by external factors such as monetary policy, foreign exchange rates and Gross Domestic Product. At Cass Business School, Dr Staikouras is Course Director for the BSc (Hons) Investment and Financial Risk Management.

Find out more about Banking, Finance and Investment

- Berger A, Molyneux P, Wilson JOS (eds) (2010) *The Oxford Handbook of Banking*. Oxford University Press
- Casu B, Girardone C, Molyneux P (2006) *Introduction to Banking*. Prentice Hall/Financial Times
- Heffernan S (2004) *Modern Banking*. John Wiley & Sons
- Howells P, Bain K (2008) *The Economics of Money Banking and Finance: A European Text*, 4th edn. Pearson Education
- www.bankofengland.co.uk
- www.ecb.int.

Banking and International Finance

BSc (Hons)

This degree equips students for a career in international finance.

UCAS code
N302
Duration
3 years or 4 years with a placement or study abroad
Entry requirements
Typical offers require one of the following:
'A' Level
AAA
IB
35 points overall including 6 in all Higher Level subjects and 5 in all Standard Level subjects
Consideration will be given to 1 bonus point
In addition, the following is required:
GCSE
English Language grade C and Mathematics grade A (or equivalent)
English language requirements
IELTS: 6.5 overall with a minimum of 6.0 in any one component
TOEFL: 100 internet-based total with a minimum of 23 in all sections

Other courses you may like
BSc (Hons) Investment and Financial Risk Management

The degree provides an in-depth knowledge of banking (commercial, retail and investment, risk management and regulation), international finance (foreign exchange) and financial markets (equity, fixed income and derivatives).

The course offers students a deep and broad knowledge of financial management and academic knowledge to operate in the dynamic and fast-moving world of financial markets. It enables students to analyse and solve complex problems and apply principles of financial management to the banking and finance sector.

Course structure

Year one

In year one, core modules provide a strong foundation in financial markets, enabling students to relate their studies to the financial sector from an early stage. Students develop an understanding of the tools used in applied investment analysis, including mathematical, statistical and computing skills.

Year two

In year two, core modules develop a theoretical knowledge of banking and financial management, finance and economics. This year also covers econometrics, which forms the basis of modelling and testing in banking and finance.

Final year

In the final year, core modules enable students to develop their knowledge of international finance, banking and financial management to an advanced level. Students also select two electives to extend their knowledge of finance and the applications of mathematical models or to enhance their understanding of the role of banks in financial markets.

Career opportunities

The majority of graduates from this course embark on careers in the fast-paced world of global finance. Many join investment banks and secure positions in trading, investment banking and sales, specialising in areas such as derivatives. Others join brokerage houses, enter careers in operations or consultancy or take up postgraduate study. On average, graduates from this course can expect to earn around £28,000 (accurate as of January 2013) in their first year of employment. Recent employers have included Morgan Stanley, JP Morgan, BNP Paribas and Lloyds Banking Group.

Accreditation

Graduates from this degree can gain exemptions from the Institute of Financial Services (IFS), the Chartered Insurance Institute and the Institute for Chartered Accountants in England and Wales (ICAEW).

Investment and Financial Risk Management

BSc (Hons)

The BSc (Hons) Investment and Financial Risk Management covers both the internal aspects of financial institutions and the external factors that affect the markets.

UCAS code

N390

Duration

3 years or 4 years with a placement or study abroad

Entry requirements

Typical offers require one of the following:

'A' Level

AAA

IB

35 points overall including 6 in all Higher Level subjects and 5 in all Standard Level subjects.

Consideration will be given to 1 bonus point

In addition, the following is required:

GCSE

English Language grade C and Mathematics grade A (or equivalent)

English language requirements

IELTS: 6.5 overall with a minimum of 6.0 in any one component

TOEFL: 100 internet-based total with a minimum of 23 in all sections

Other courses you may like

BSc (Hons) Banking and International Finance

This degree provides an in-depth understanding of the theoretical foundations that underpin modern investment and risk management techniques. Students acquire a sound knowledge of how to apply these techniques to equity markets, asset and portfolio management, bond trading, security analysis, derivatives hedging, investment banking, hedge funds and many other areas relating to global financial markets.

Course structure

Year one

The first year provides an introduction to financial markets, accounting, economics and quantitative methods. Students also gain an understanding of the tools used in applied investment analysis and enhance their mathematical, statistical and computing skills.

Year two

The second year develops students' theoretical knowledge, enabling them to interpret financial data through the use of advanced statistical tools and formulate and solve complex problems in finance. Students gain a thorough understanding of the framework for the measurement of risk and return. The course also introduces econometrics and students can take elective modules in subjects such as investment, finance and risk, insurance and real estate.

Final year

In the final year, core modules enable students to gain in-depth knowledge of investment and financial risk management, while electives allow students to extend their study of these subjects or to focus on areas ranging from financial accounting to advanced corporate finance.

Career opportunities

The majority of graduates from this course enter challenging and rewarding careers in risk management. People who are keen to transfer their specialist quantitative modelling techniques take up front-office roles such as trading, bonds and stocks, while others are employed in market risk management and fund management or with regulators such as the Financial Services Authority. Average starting salaries for Cass graduates in this field are £35,000 (accurate as of January 2013) and recent employers include Barclays Capital, BNP Paribas, Morgan Stanley and RBS.

Accreditation

Specific modules exempt students from the professional examinations of the Institute of Financial Services (IFS), as well as the Institute of Chartered Accounts in England and Wales (ICAEW).

Business and Management

Course listing

Business Studies BSc (Hons)	47
Management BSc (Hons)	48



To hear more from Edouard, scan page 45 using the Aurasma app on your smart device or visit www.city.ac.uk/ug2014/people



Edouard is in the Drysdale Garden, an open space in the middle of our main campus. The Garden is popular for picnics in the summer, but the Drysdale sheep are there all year round!

Edouard Larpin, 22

BSc (Hons) Business Studies,
graduated summer 2011



My advice for current students is:

Make sure you get a work placement as this is the way to secure a job.

I am French and first came to England when I went to a boarding school for a year when I was 10. I enjoyed this time so much that I knew I wanted to come back to study. I chose Cass Business School because it had a reputation for being very dynamic, it was going up the rankings year after year, friends who had studied there told me it was very good and when I visited I really liked the atmosphere.

The course was very good, with a strong practical element and lecturers from the world of business, with real stories to tell. The social side is also great and I now have friends from all over the world. In my second year I had an internship at Ernst & Young and at the end of this they offered me a graduate job for when I finished university. I now work as a management consultant for them.

A degree in Business Studies provides a broad understanding of how organisations function in the modern world, combining a theoretical understanding of scientific business principles with real-world examples and skills. Management, often categorised as planning, organising, leading and controlling, covers a range of activities and skills students can use to understand how people within an organisation work together, what an organisation is setting out to achieve, the constraints on it and strategies for effective teamwork and sound communication. Management science covers techniques, mostly quantitative, that can be used to support managers, for example the analysis of decisions and the evaluation of risk.

Studying Business and Management at City

Cass Business School is ranked 1st in London and 2nd in the UK for Business and Management degrees (*Guardian University Guide 2013*). Both the BSc (Hons) Business Studies and the BSc (Hons) Management cover a broad range of business-specific subjects, equipping students with a distinctive toolkit of skills. Students can take a work placement or study abroad to widen their network of contacts and enhance their career prospects. Many graduates progress to rewarding careers with internationally renowned organisations in the City of London and worldwide.

Opportunities for work placements

BSc (Hons) Business Studies students have recently completed placements at a range of organisations including Morgan Stanley, the Bank of England, Unicef, Dior, Universal Pictures, IBM, Nintendo, Bentley Motors Ltd and Warner Bros. Each year, BSc Management students secure placements with a variety of financial firms, business-to-business companies and consultancies, including Accenture, PricewaterhouseCoopers, Ernst & Young, Microsoft, GlaxoSmithKline and Xerox.

Opportunities for study abroad

Students studying Business and Management can choose to spend a year abroad in highly ranked institutions such as the Chinese University of Hong Kong (ranked 1st in Asia), the National University of Singapore and the Technische Universität München, Munich, Germany.

Research in Business and Management

Professor Ajay Bhalla

Professor Ajay Bhalla is Professor of Global Innovation Management at Cass Business School. He has published widely on global innovation strategy and strategies for operating in emerging markets, with a specific focus on India. However, it is his work on employee-ownership that has recently garnered headlines. A 2012 report by Professor Bhalla and two colleagues, entitled *The Employee Ownership Advantage: benefits and consequences*, examined firms in which employees own stakes both individually and collectively through a trust. The research found that such employee-owned businesses are more resilient, display less sales variability and deliver more stable performances over business cycles. Furthermore, employee-owned businesses were shown to create jobs faster than non-employee-owned counterparts, particularly in times of economic downturn. Professor Bhalla's research informed a major UK government review on employee-ownership in 2012 and he has also acted as a consultant to businesses on issues relating to employee-ownership.

Find out more about Business and Management

More information on management can be found in Boddy D (2011) *Introduction to Management*, 5th edn. Prentice Hall/Financial Times.



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Find out more, visit

www.cass.city.ac.uk
[www.cass.city.ac.uk/
undergraduate/courses](http://www.cass.city.ac.uk/undergraduate/courses)

Business Studies

BSc (Hons)

This flexible degree equips students with the broad-based knowledge, skills and training for a career in the global business world.

UCAS code
N100
Duration
3 years or 4 years with a placement or study abroad
Entry requirements
Typical offers require one of the following:
'A' Level
AAA
IB
35 points overall including 6 in all Higher Level subjects and 5 in all Standard Level subjects.
Consideration will be given to 1 bonus point
In addition, the following is required:
GCSE
English Language grade C and Mathematics grade A (or equivalent)
English language requirements
IELTS: 6.5 overall with a minimum of 6.0 in any one component
TOEFL: 100 internet-based total with a minimum of 23 in all sections

Other courses you may like
BSc (Hons) Management

Students learn both 'hard' skills, dealing with technical or administrative procedures related to organisational core businesses and 'soft' skills such as communicating, listening, giving feedback, teamworking, solving problems, self-reflection and self-awareness. These skills are highly prized by employers in management, consulting, finance and business. The course deals with a variety of international and global issues and prepares students for the changing needs of the labour market.

Course structure

Year one

In year one, students are introduced to some of the essential tools needed to function effectively in the business world, including accounting, statistics, microeconomics and the functions of organisations. Other modules build on 'soft' skills such as effective business communication, teamworking and leadership.

Year two

Year two develops students' knowledge of the concepts and analytical tools of business and management, including business statistics, operations management and marketing. Students can specialise in marketing or finance or stay in a general group choosing three electives.

Final year

In the final year, students study three core modules including Business strategy, Business research practice in London and a final year project. Depending on their chosen specialisation, students take a range of elective modules including Corporate finance (Finance specialisation) or Market research and new product development (Marketing specialisation).

Career opportunities

BSc (Hons) Business Studies graduates embark on careers across a variety of business disciplines, including finance, marketing, operations and human resources. Many students also set up their own start-up companies.

Students securing first-time employment after graduating from BSc (Hons) Business Studies receive an average salary of £27,500 (accurate as of January 2013). Recent graduates have found jobs with internationally renowned companies such as Goldman Sachs, Ernst & Young and the BBC.

Accreditation

The course gives exemption from some of the professional examinations of the Institute of Chartered Accountants in England and Wales (ICAEW). The Marketing specialisation can lead to direct entry to stage three of the Chartered Institute of Marketing Postgraduate Diploma in Marketing.

Management

BSc (Hons)

Ranked 1st in London and 2nd in the UK by the *Guardian University Guide 2013* this degree focuses on developing the research, modelling and analysis skills required to make good decisions in contemporary organisations and businesses.

UCAS code
N200
Duration
3 years or 4 years with a placement or study abroad
Entry requirements
Typical offers require one of the following:
'A' Level
AAA
IB
35 points overall including 6 in all Higher Level subjects and 5 in all Standard Level subjects
Consideration will be given to 1 bonus point
In addition, the following is required:
GCSE
English Language grade C and Mathematics grade A (or equivalent)
English language requirements
IELTS: 6.5 overall with a minimum of 6.0 in any one component
TOEFL: 100 internet-based total with a minimum of 23 in all sections

Other courses you may like
BSc (Hons) Business Studies

This is the only undergraduate course in the UK to include modules in systems thinking and risk management at BSc level, which gives graduates a significant advantage over those unfamiliar with these advanced concepts. This degree equips students with the skills to begin a career as a consultant or analyst with international management consultancies, banks and other global businesses.

Course structure

Year one

In year one, core modules provide a grounding in key business functions including economics, accounting and the theory and practice of management. Specialist modules introduce research methods, management modelling tools, problem-solving approaches and decision-making.

Year two

In year two, students develop the qualitative and quantitative skills needed for effective organisational analysis. Further core business functions are introduced to provide a holistic perspective on business and management.

Final year

The focus for the final year is on consolidating learning by selecting and applying the most appropriate analytical tools. A final year project allows students to explore a topic of their choice while electives provide the chance to explore contemporary and traditional issues.

Career opportunities

BSc (Hons) Management graduates seek rich and diverse roles in a wide range of industries. Typical jobs for first-time employment include working as an analyst or management consultant, project work involving data analysis and trends and the implementation of planning and control within a business context. Some graduates secure places as part of graduate trainee programmes with banks and leading organisations such as IBM, Barclays Capital, Esso and Morgan Stanley. Others enter postgraduate study. Average starting salaries for first-time management students are £26,000 (accurate as of January 2013).

Accreditation

The BSc (Hons) Management provides exemption from some of the professional examinations of the Institute of Chartered Accountants in England and Wales (ICAEW).

The BSc (Hons) Management equips students with the skills to begin a career as a consultant or analyst with international management consultancies, banks and other global businesses.



Civil Engineering

Course listing

Civil Engineering BEng/MEng	52
Civil Engineering with Architecture BEng/MEng	54

Constantine Collias, 20 ↑
BEng Civil Engineering,
second year

My City motto:
Work hard, play hard.

I'm Greek and Bulgarian and have spent most of my life moving all over the world because of my father's work. But for the past five years I've lived in the UK. I've loved my time at City so far; being in the centre of London is fun, I loved the student halls experience in my first year, I played rugby for the University and am the club's social secretary.

I really enjoy my course. I particularly like the fact that I've been able to gain practical experience in Engineering in the first two years of my degree: it has made my time here quite exciting.

Civil engineers design, construct, manage and improve our environment. They develop our infrastructure and have a profound effect on the way we live through a consideration of function, aesthetics, economics and sustainability. Many civil engineers need to interact with architects to produce creative and exciting solutions to infrastructure projects.

Studying Civil Engineering at City

City has been providing students with the skills required by aspiring chartered civil engineers for more than 50 years. Industry input into specialist lectures, placement opportunities, design projects and our “Open Door to Industry” scheme provides students with a good understanding of the profession they are intending to join. We have outstanding facilities such as large structural laboratories and a geotechnical centrifuge allowing students to test realistic physical models of civil engineering structures.

Opportunities for work placements

Students can opt to spend a year on an industry placement at the end of their second year. Work-based Learning Advisors are in regular contact with companies and will assist students with finding a suitable work placement. Students are paid for their placement year and are visited by their personal tutor while on the placement.

Find out more about Civil Engineering

- The Institute of Engineering and Technology (IET) has information for prospective engineering students on degrees and careers in Engineering. www.theiet.org.
- The Institution of Civil Engineers is a qualifying body and a centre for the exchange of knowledge relating to Civil Engineering. www.ice.org.uk.

Research in Civil Engineering

Professor Qingwei Ma

Professor Qingwei Ma is a Professor of Hydrodynamics in the School of Engineering & Mathematical Sciences. Much of Professor Ma’s recent research relates to computational hydrodynamics, a field in which he has worked extensively and is currently leading several research projects, working in collaboration with colleagues at City and other universities in the UK. These projects examine how waves interact with offshore structures, such as wind energy towers and ships. Professor Ma has developed computational methods that accurately calculate how floating structures, such as ships, respond to waves. Understanding this response is crucial when new structures are being developed and also when structures need to be tested for safety prior to use. For that reason, the code developed by Professor Ma and his colleagues is now being adapted for commercial use in industry.

Civil Engineering Foundation course

UCAS code: H202 (BEng Civil Engineering with Foundation Year)

For students who wish to study Civil Engineering at City University London but do not satisfy the entry requirements, the Civil Engineering Foundation course can be the first year of a four year BEng degree (or a five year MEng) degree. The emphasis in the Foundation course is on developing study skills and ability in mathematics and mechanics. Students on the Foundation course mainly study at City’s partner further education institution, Westminster Kingsway College. They also attend City, where they have access to laboratory facilities, the library and the Students’ Union. Students who successfully complete the Foundation course may transfer onto BEng/MEng Civil Engineering or BEng/MEng Civil Engineering with Architecture.

For further information on the Foundation course, including entry requirements and UCAS codes, please visit our website.



Email enquiries
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Telephone enquiries
+44 (0) 20 7040 6050



Find out more, visit
www.city.ac.uk/engineering-maths
www.city.ac.uk/courses

Civil Engineering

BEng/MEng

Civil engineers design, construct, manage and improve our environment. They develop our infrastructure and have a profound effect on the way we live through a consideration of function, aesthetics, economics and sustainability.

BEng
UCAS code
H200 BEng, H201 BEng with professional placement
Duration
3 years or 4 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points ('A' Level Mathematics at grade B is required. Evidence of ability in a laboratory-based subject is preferred)
IB
30 points including Mathematics and a science at Higher Level
BTEC
Typically DDD plus 'A' Level Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points; 'A' Level Mathematics at grade B/100 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total

MEng
UCAS code
H204 MEng, H205 MEng with professional placement
Duration
4 years or 5 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points ('A' Level Mathematics at grade B is required. Evidence of ability in a laboratory-based subject is preferred)
IB
32 points including Mathematics and a science at Higher Level
BTEC
Typically DDD plus 'A' Level Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points; 'A' Level Mathematics at grade B/100 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total

This course provides a strong technical background in the key subjects of structural, geotechnical and hydraulic engineering, management studies and design. Specialist subjects such as surveying, transportation, environmental and building engineering are studied, with residential field trips for geology and surveying. The course is delivered as a combination of lectures, projects supported by industry and coursework, much of which relates to laboratory experiments.

Other courses you may like

BEng Civil Engineering with Architecture

MEng Civil Engineering with Architecture

Course structure

Year one

In year one, students study fundamental engineering principles in topics such as structural mechanics, hydraulics, materials and mathematics. Students also study geology and develop basic skills in surveying, IT, computing and graphics. The course introduces students to the civil engineering design process and civil engineering in practice.

Year two

These fundamental principles will then be applied to the analysis and design of steel and concrete structures, the prediction of the mechanical behaviour of soil and the mechanics of fluids. Students learn more about managing construction projects and surveying and undertake design projects that include the outline design of real-life industry projects. BEng students can opt to transfer to the MEng course if their overall mark is 60 per cent or above at the end of year two.

Year three

The course becomes more applied with the analysis and design of typical geotechnical and hydraulic structures, numerical analysis techniques used in structural design and construction law, contracts and economics. Students undertake a challenging individual project and work on an intensive design module featuring real-life projects. BEng students take two elective modules. MEng students learn advanced analytical methods and participate in an interdisciplinary School-wide design project.

MEng: Year four

The main focus is an extensive integrated design project. Students expand their theoretical knowledge in geotechnical analysis, structural systems and computational hydraulics and will undertake extended professional, industrial and management studies. There are four elective modules, from which students choose two.

Students learn through a combination of lectures, coursework and projects, many of which feature contributions from practising engineers. There are also skills-based modules designed to improve graphical, oral and IT communication skills and two residential field courses, in geology and surveying.

Assessment for both the BEng and MEng is by means of coursework, project work and examinations held at the end of each year. Coursework and project work account for roughly 50 per cent of the marks for each year. For BEng courses, all years contribute to the final degree classification, with increasing weight up to the final year. For MEng courses, the final three years contribute to the final degree classification, again with increasing weight.

Career opportunities

Civil Engineering graduates have gone on to work as civil engineers for many of the leading consulting and contracting organisations in the UK and around the world. Recent graduates have worked on the Olympic Park and Village, the Crossrail project and landmark buildings in the City of London, such as the Heron Tower. They have joined employers such as Aecom, Alan Baxter & Associates, Clancy Consulting, Balfour Beatty Engineering, Jacobs and Skanska.

Accreditation

BEng degree courses are accredited by the Joint Board of Moderators, which includes the Institution of Civil Engineers and the Institution of Structural Engineers, as fully satisfying the educational base for an incorporated Engineer (IEng) and partially satisfying the educational base for a Chartered Engineer (CEng). A programme of accredited Further Learning will be required to complete the educational base for CEng.

MEng degree courses are accredited as fully satisfying the educational base for a CEng.

See www.jbm.org.uk for further information and details of Further Learning Programmes for CEng.

Civil Engineering with Architecture

BEng/MEng

Civil engineers design, construct, manage and improve our environment. They interact with architects to produce creative solutions to infrastructure projects.

BEng
UCAS code
H2K1 BEng, H2KD BEng with professional placement
Duration
3 years or 4 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points ('A' Level Mathematics at grade B is required. Evidence of ability in a laboratory based subject is preferred)
IB
30 points including Mathematics and a science at Higher Level
BTEC
Typically DDD plus 'A' Level Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points; 'A' Level Mathematics at grade B/100 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total
Special entry requirements
Applicants need to demonstrate drawing skills.

MEng
UCAS code
H2KC MEng, H2KA MEng with professional placement
Duration
4 years or 5 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points ('A' Level Mathematics at grade B is required. Evidence of ability in a laboratory based subject is preferred)
IB
32 points including Mathematics and a science at Higher Level
BTEC
Typically DDD plus 'A' Level Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points; 'A' Level Mathematics at grade B/100 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total
Special entry requirements
Applicants need to demonstrate drawing skills.

This course provides a strong technical background in the key subjects of structural, geotechnical and hydraulic engineering. Students focus on the creative aspects of civil engineering by studying design in an architectural context. Specialist subjects such as architectural surveying and building engineering are studied, with residential field trips for geology and surveying. The course is delivered as a combination of lectures, coursework and projects. Architectural design modules are held at London Metropolitan University.

Other courses you may like

BEng Civil Engineering
MEng Civil Engineering

Course structure

Year one

In year one, students study fundamental engineering principles in topics such as structural mechanics, hydraulics, materials and mathematics. Students also focus on geology and civil engineering practice and will learn basic skills in surveying and IT. They develop the skills and techniques required to plan and present their own solution to an architectural design brief.

Year two

The fundamental principles learnt in year one are applied to the analysis and design of steel and concrete structures, the prediction of the mechanical behaviour of soil and the mechanics of fluids. Students learn more about managing construction projects and surveying and develop an architectural design brief for a significant project. BEng students can opt to transfer to the MEng course if their overall mark is 60 per cent or above at the end of year two.

Year three

Students study the analysis and design of typical geotechnical and hydraulic structures, numerical analysis techniques used in structural design and construction law, contracts and economics. They will undertake an individual project with an architectural design component and provide architectural input to an intensive design project. MEng students learn advanced analytical methods and participate in an interdisciplinary School-wide design project.

MEng: Year four

The main focus is an extensive integrated design project that requires an individual architectural design. Students are also provided with greater theoretical knowledge.

Students learn by a combination of lectures, coursework and projects, many of which feature contributions from practising engineers. There are also skills-based modules designed to improve oral and IT communication skills and studio-based classes and critique sessions for architectural design modules. Two residential field courses are held in geology and surveying.

Assessment for both the BEng and MEng is by means of coursework, project work and examinations held at the end of each year. Coursework and project work accounts for around 50 per cent of the marks for each year. For BEng courses, all years contribute to the final degree classification, with increasing weight up to the final year. For MEng courses, the final three years contribute to the final degree classification, again with increasing weight.

Career opportunities

Civil Engineering with Architecture graduates have gone on to work as civil engineers for many of the leading consulting and contracting organisations in the UK and around the world. Recent graduates have worked on the Olympic Park and Village, the Crossrail project and landmark buildings in the City of London, such as the Heron Tower. They have joined employers such as Aecom, Alan Baxter & Associates, Clancy Consulting, Balfour Beatty Engineering Services, Jacobs and Skanska.

Accreditation

BEng courses are accredited by the Joint Board of Moderators, which includes the Institution of Civil Engineers and the Institution of Structural Engineers, as fully satisfying the educational base for an incorporated Engineer (IEng) and partially satisfying the educational base for a Chartered Engineer (CEng). A programme of accredited Further Learning will be required to complete the educational base for CEng.

MEng courses are accredited as fully satisfying the educational base for a Chartered Engineer (CEng).

See www.jbm.org.uk for further information and details of Further Learning Programmes for CEng.

Computing and Information Technology

Course listing

Business Computing Systems BSc (Hons)	58
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Taric Matticks, 24
BSc (Hons) Computer Science, third year

My time at City:
Has exceeded my expectations.

I chose to study Computer Science because, looking at the way the world is going, it's a subject that can be applied to just about any industry. I've really made the most of my time at City, taking on volunteering roles and getting involved wherever I can. I'm also the Campus Brand Manager for a graduate IT employer. At the moment, my plan is to do a Masters here at City, though I'm also looking at graduate schemes.

Jagdeep Lall, 24
BSc (Hons) Information Systems, graduated summer 2011

Without City:
I wouldn't have got my job.

I knew I wanted to do something computer-related and City's School of Informatics has a very good reputation: the lecturers have a lot of industry experience. In my third year I did a placement with NATS (formerly known as National Air Traffic Services), which is the UK's leading provider of air navigation services. As a result of this, I was offered a job after I completed my degree and that's where I work now as a Systems Engineer.



To hear more from Jagdeep, scan this page using the Aurasma app on your smart device or visit www.city.ac.uk/ug2014/people

Computing and Information Technology (IT) underpins almost every organisation and lies at the core of the growth of business in the UK and internationally. The IT industry is diverse and rapidly changing, offering enormous scope for entering rewarding careers that range from the highly technical to the business-driven, in roles that are focused or creative. There is a need for graduates with a flexible and mobile set of skills to enter an industry that makes a multi-billion pound contribution to the UK economy – and will continue to do so for the foreseeable future.



Email enquiries
soi-admissions@city.ac.uk



Telephone enquiries
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Find out more, visit
www.city.ac.uk/informatics
www.city.ac.uk/courses

Studying Computing and Information Technology at City

Computing and Information Technology courses at City are designed to be a path to leadership in tomorrow's complex and information-intensive world; graduates being leaders in technical expertise, strategic thinking, innovation and communication. Computing theory and practice are delivered in lectures, tutorials and practical workshops and students' knowledge is enhanced by input from City's world-leading research groups. At City, we will help students to develop the skills they need for a challenging and rewarding career in computing and IT.

Opportunities for work placements

There are two routes by which students may gain paid work experience as part of their degree: a one year placement or the innovative Professional Pathway scheme which enables students to combine placement employment with their studies. Both options are available with all computing degree courses.

Research in Computing and Information Technology

Dr Simone Stumpf

In her research at City and her work as a User Experience Architect, Dr Simone Stumpf acts as a crucial channel of communication between the designers of intelligent computing systems and the general population who increasingly use and depend on those systems in their daily lives. Many of these systems, such as email services that identify emails that are likely to be important to us or music streaming services that suggest new music based on our existing preferences, rely on machine learning algorithms that are little understood by the majority of end users. By conducting user research, usability reviews and user testing, Dr Stumpf's research provides insight into how designers of intelligent systems can promote transparency and ensure that end users feel able to trust and control those systems. Dr Stumpf leads the Human Computer Interaction module in Year two of City's BSc (Hons) Business Computing Systems and she is also Course Director for City's MSc Human-Centred Systems. She is based at City's influential Centre for Human Computer Interaction Design, where her work on the user experience of software and systems complements the Centre's broader concerns with innovative technology interfaces.

Find out more about Computing and Information Technology

- The Chartered Institute for IT (BCS) promotes new thinking, education and knowledge sharing in the IT profession www.bcs.org
- The Computer Games section of www.creativeskillset.org has information on education and employment in the Computer Games industry.

Business Computing Systems

BSc (Hons)

A BSc (Hons) Business Computing Systems from City offers students entry into a career as a computing professional. They gain the skills to design computer systems, analyse organisational problems and design appropriate IT solutions.

UCAS code
G422
Duration
3 years or 4 years with a one year placement, or the Professional Pathway scheme (combining the degree with 3 years of IT work experience)
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points (typically AAB at 'A' Level)
IB
32 points. Science, technology and mathematical subjects are preferred and at least one such subject should be offered
BTEC
DDM
14-19 Advanced Diploma
We accept the 14-19 Advanced Diploma on the same standing as 'A' Levels based on the UCAS tariff
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total
Other courses you may like
BSc (Hons) Computer Science
BSc (Hons) Computer Science with Games Technology
BSc (Hons) Software Engineering

The course provides the technical and managerial background to implement computer solutions to business challenges and enables students to develop commercially valuable skills in City's laboratories. There is the option of paid, professional experience in the IT industry. For their project, students can work with an organisation to develop real-world business solutions. This degree is suitable for students who have the breadth of mind to tackle both computer and management science and want to build the businesses of tomorrow with computer technology. The course is primarily technical in nature and may not be suitable for students seeking a business major.

Course structure

Specialist topics include:

- Electronic commerce in all its various forms
- Management of IT services
- Systems theory and methods for organisational problem solving.

A common first year syllabus offers flexibility as students can make their final choice of degree at the end of the first year. The course is available with or without a placement.

Students learn through a combination of lectures, case studies, seminars and laboratory sessions. Project and group work aim to develop creativity and problem-solving and play a major part in the course. Learning is also supported by the online e-learning system.

Assessment is by examination and coursework although some components, such as the team project, are assessed by coursework alone. The final degree classification is calculated from the second and final years, with weightings of 40 per cent and 60 per cent respectively.

Career opportunities

Careers include designing business-critical computer systems, providing consultancy on computer development and taking up managerial roles with responsibility for an organisation's computing resources.

Accreditation

This degree is accredited by the Chartered Institute for IT (BCS), exempting students from their professional examinations and offering a pathway to Chartered status.

Computer Science

BSc (Hons)

A BSc (Hons) Computer Science provides students with a strong, broad-based education in computing as a scientific and technological discipline.

UCAS code
G400
Duration
3 years or 4 years with a one year placement, or the Professional Pathway scheme (combining the degree with 3 years of IT work experience)
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points (typically AAB at 'A' Level)
IB
32 points. Science, technology and mathematical subjects are preferred and at least one such subject should be offered
BTEC
DDM
14-19 Advanced Diploma
We accept the 14-19 Advanced Diploma on the same standing as 'A' Levels based on the UCAS tariff
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total
Other courses you may like
BSc (Hons) Business Computing Systems
BSc (Hons) Computer Science with Games Technology
BSc (Hons) Software Engineering

Students will gain an appreciation of the foundations of computation, acquire an understanding of the structure of programming languages and develop the skills to put these concepts and technologies into practice. Students acquire expertise in a wide variety of technologies, learn commercially-valuable skills and work with internationally renowned research groups, learning the latest developments. The degree is suitable for students who want a career with a comprehensive grounding in computing, have a strong interest in software technologies and want the fundamental knowledge and skills to keep up-to-date in a field in which rapid and accelerating change is the rule rather than the exception.

Course structure

Specialist topics include:

- Language processors
- Data structuring and algorithms
- Functional programming in Haskell
- Theory of computation.

A common first year syllabus offers flexibility as students can make their final choice of degree at the end of the first year. This course is available with or without a placement.

Students learn through a combination of lectures, case studies, seminars and laboratory sessions. Project and group work aim to develop creativity and problem-solving and play a major part in the course. Learning is also supported by the online e-learning system.

Assessment is by examination and coursework although some components, such as the team project, are assessed by coursework alone. The final degree classification is calculated from the second and final years, with weightings of 40 per cent and 60 per cent respectively.

Career opportunities

Careers include programming and software development, research-based careers in the IT industry and higher degrees, such as a PhD.

Accreditation

This course is accredited by the Chartered Institute for IT (BCS), exempting students from their professional examinations and offering a pathway to Chartered status.

Computer Science with Games Technology

BSc (Hons)

This degree provides technical, games-building skills along with a more general computer science education and will help students to develop a career in an exciting and dynamic industry.

UCAS code
G490
Duration
3 years or 4 years with a one year placement, or the Professional Pathway scheme (combining the degree with 3 years of IT work experience)
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points (typically AAB at 'A' Level)
IB
32 points. Science, technology and mathematical subjects are preferred and at least one such subject should be offered
BTEC
DDM
14-19 Advanced Diploma
We accept the 14-19 Advanced Diploma on the same standing as 'A' Levels based on the UCAS tariff
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total
Other courses you may like
BSc (Hons) Business Computing Systems
BSc (Hons) Computer Science
BSc (Hons) Software Engineering

Students gain advanced knowledge of games theory, graphics and games design and specialist skills for building computer games software; acquire leading-edge, computer and games-programming expertise; and become proficient in a broad range of programming languages and software design techniques. They also develop commercially-valuable skills in our computing laboratories and work with our research groups. This degree is suitable for students who want to apply their imagination to complex problems like computer programming and gaming and want to work in a dynamic and successful area of British industry.

Course structure

Specialist topics include:

- 2D and 3D graphics
- Game engine architectures
- Game physics and sound
- NPCs and game AI
- Programming in C++
- Scripting
- The games development process.

A common first year syllabus offers flexibility as students can make their final choice of degree at the end of the first year. This course is available with or without a placement.

Students learn through a combination of lectures, case studies, seminars and laboratory sessions. Project and group work aim to develop creativity and problem-solving and play a major part in the course. Learning is also supported by the online e-learning system.

Assessment is by examination and coursework although some components, such as the team project, are assessed by coursework alone. The final degree classification is calculated from the second and final years, with weightings of 40 per cent and 60 per cent respectively.

Career opportunities

Careers include working as a key technical specialist in the computer games industry. Their broad knowledge of computer science and sophisticated programming skills also make our students attractive to employers in other industries.

Accreditation

This degree is accredited by the Chartered Institute for IT (BCS), exempting students from their professional examinations and offering a pathway to Chartered status.

Software Engineering

BSc (Hons)

A BSc (Hons) Software Engineering provides a specialist focus on the programming and development of large and complex software, with an emphasis on dependable systems.

UCAS code
G600
Duration
4 years with a one year placement, or the Professional Pathway scheme (combining the degree with 3 years of IT work experience)
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points (typically AAB at 'A' Level)
IB
32 points. Science, technology and mathematical subjects are preferred and at least one such subject should be offered
BTEC
DDM
14-19 Advanced Diploma
We accept the 14-19 Advanced Diploma on the same standing as 'A' Levels based on the UCAS tariff
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total
Other courses you may like
BSc (Hons) Business Computing Systems
BSc (Hons) Computer Science
BSc (Hons) Computer Science with Games Technology

Students gain expertise in the latest methods and frameworks for specifying and implementing large-scale systems. In addition, they gain expertise in a variety of computing technologies including specialist methods and tools for implementing mission-critical software. They acquire the skills to communicate their knowledge to non-technical personnel and clients and gain paid experience of real industrial software development projects. This course is suitable for students who aspire to a successful career in software development, want to be involved in the development and management of large, complex, mission-critical software and want to be taught by researchers and practitioners with an international research reputation.

Course structure

Specialist topics include:

- Formal methods to prove whether or not a programme will work using mathematics
- Requirements engineering to ensure that developers capture what the end-user really wants
- Rigorously measuring and managing the quality of software.

A common first year syllabus offers flexibility as students can make their final choice of degree at the end of the first year. This course is available with or without a placement.

Students learn through a combination of lectures, case studies, seminars and laboratory sessions. Project and group work aim to develop creativity and problem-solving and play a major part in the course. Learning is also supported by the online e-learning system.

Assessment is by examination and coursework although some components, such as the team project, are assessed by coursework alone. The final degree classification is calculated from the second and final years, with weightings of 40 per cent and 60 per cent respectively.

Career opportunities

Careers include implementing dependable computer systems as part of a software development team. Transferable skills, expertise and experience in software development are highly prized throughout the IT industry.

Accreditation

This course is accredited by the Chartered Institute for IT (BCS), exempting students from their professional examinations and offering a pathway to Chartered status.

Cultural and Creative Industries

Kate Duffy, 22 →

BA (Hons) Creative Industries,
third year

My time at City:

Has given me the confidence to
go out into the world of work.

I chose this degree because I
wanted a course with lots of
practical experience. And London is
the place to be to study the creative
industries because there is so much
going on. The variety of elective
modules, opportunities for work
experience and networking are all
really good at City. When I graduate,
ideally I would like to work for a
small independent music festival.

Kate and Ian are in the Courtyard.
The College Building behind them,
which dates back to the University's
founding, houses the Centre for
Cultural Policy and Management.



Course listing
Cultural and Creative Industries BA (Hons) 65

Ian O'Shea, 23 ↗
BA (Hons) Creative Industries,
third year

What's the best thing about City?
It's a great place to meet like-minded people.

This is a great course for gaining a real overview of the creative industries because it's multi-disciplinary. Also, the University has good connections, our lecturers and guest lecturers really know about their industries and there are plenty of opportunities for work experience. One of our best projects has been organising a St Patrick's Day event at the Roundhouse, an arts venue in Camden. City students organised everything and it was a real success.

The cultural and creative industries include media, television, film, publishing and the visual and performing arts. All of these are increasingly positioned at the heart of global economic and social life. Studying the creative and cultural industries involves considering traditional debates around cultural policy alongside contemporary questions on media power and cultural politics. It involves a blend of practice and theory and draws on different geographies and histories. Work might range from the creation of media content and finding out how small-scale creative enterprises work, to learning how and why international 'creative cities' are brought into being.



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Find out more, visit
www.city.ac.uk/arts-social-sciences/creative-practice-and-enterprise
www.city.ac.uk/courses

Studying Cultural and Creative Industries at City

City's BA (Hons) Creative and Cultural Industries is the first in the country and builds on our pioneering and well-established relationship with the cultural and creative industries. The department has a nearly 40 year history of running arts management, cultural policy and creative industries courses alongside academic research. Today City is broadening its research culture and international perspective. Staff have produced influential and significant work with media, governments, organisations and the public, with research at the cutting edge of academic debate in this field.

Opportunities for work placements

The second year work placement elective module offers students the opportunity to gain experience in a work environment related to the creative industries. It also considers the politics of internship culture. Past students on the degree have undertaken work experience at the BBC, the Barbican, the Roundhouse, Rich Mix, Kiss FM, the Arts Council, the Olympics and a wide range of public, cultural, music, media and events organisations.

Research in Cultural and Creative Industries

Dr Dave O'Brien

In the wake of the most serious financial crisis for generations, how has decision-making in the UK government changed? What impact do these changes have on policies that affect cultural and creative industries? In a 2012 paper published in *Public Administration*, a leading international journal, Dr Dave O'Brien of City's Centre for Cultural Policy & Management demonstrates that decisions on spending cuts have been heavily influenced by the Treasury. This means that cuts to funding for sport, including free swimming for children and older people, have been driven by technical considerations of cost, rather than an analysis of their value to society. Dr O'Brien's research looks at how the cultural sector can survive and thrive in this new economic climate. At City, Dr O'Brien leads modules on research methods and contemporary UK cultural policy.

Find out more about Cultural and Creative Industries

- Find out about the official UK government strategy for the creative industries at www.culture.gov.uk/what_we_do/creative_industries
- Look up the activities of funding bodies such as the BFI www.bfi.org.uk and the Arts Council www.artscouncil.org.uk
- Explore European cultural networks at www.labforculture.org and international collaboration at www.agenda21culture.net
- Gain a sense of the varied academic writing on the subject by dipping into Hartley J (ed.) (2005) *Creative Industries*, Blackwell, and read about the emergence of creative industries in universities in City Professor Toby Miller's new book, *Blow up the Humanities* www.temple.edu/tempress.

Cultural and Creative Industries

BA (Hons)

City's BA (Hons) Cultural and Creative Industries is a pioneering development: the only course of its kind in the UK, it combines critical academic study with the development of practical and professional skills.

UCAS code
W901
Duration
3 years
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points (typically AAB at 'A' Level)
IB
32 points
In addition, the following is required:
GCSE
English Language and Mathematics at grade C (or equivalent)
English language requirements
IELTS: 6.5 overall with a minimum of 5.5 in each component
TOEFL: 100 internet-based total

Other courses you may like
BMus (Hons) Music

Cultural and creative industries, including media, television, film, publishing and the visual and performing arts, are frequently positioned at the heart of global social and economic life. This BA develops a robust portfolio of skills to analyse the workings of these industries and to identify how best to engage with them.

Course structure

On this BA, students will:

- Interrogate cultural, political and historical debates on the emergence and point of the cultural industries
- Explore questions of power, policy and practice
- Undertake hands-on cultural production through a range of elective choices
- Consider the workings and geographies of the local and global cultural industries
- Have the opportunity to undertake work placements.

Year one

In the first year, students explore a wide range of approaches, both theoretical and practical, to understanding, engaging with and 'managing' the cultural industries.

Core modules:

- Contextualising cultural policy
- Cultural and creative industries, the arts and popular culture
- Cultural production and creative technologies
- Interrogating consumer culture
- Managing creative enterprise.

As part of ongoing international collaboration, some students from Shanghai Theatre Academy will join the programme in year two.

Year two

The second year emphasises the international dimensions of the subject, offering a choice of optional modules and enabling students to take a work placement. Students take the following core modules and a choice of practical and/or theoretical electives.

Core modules:

- Globalisation and the cultural and creative industries
- Intellectual property rights and the regulation of culture
- Research methods.

Final year

The final year offers a choice of optional modules while focusing on the problems and possibilities faced by contemporary cultural workers and helping students to develop a piece of independent and original work.

Core modules:

- Cultural work and the enterprising self
- Individual major project on the cultural and creative industries
- The international marketing of culture.

Career opportunities

This course enables students to join the next generation of cultural analysts, creative entrepreneurs, content creators and policy-makers in music, events management, digital media, film and other creative industries. Graduates have the intellectual and practical skills, industry knowledge and experience to identify and develop opportunities for working in and with the creative and cultural sectors in the UK and internationally.

Economics

Scott Doughty, 22 ↗

BSc (Hons) Economics,
graduated summer 2011

**How would you sum up
your time at City?**

Fantastic networking
opportunities.

I wanted to study at City because of its excellent reputation for graduate employability. The course itself offered a real breadth of study and I really liked how lecturers taught from a real-world perspective, from their experience. While I was there I was involved in societies and mentoring schemes and it was definitely because of these opportunities and City's networks that I got my job: I now work as an investment analyst for Mercer.

Scott is in the Social Sciences Building, across the road from Northampton Square and moments from Exmouth Market, a popular lunch destination for City students.

Course listing

Economics BSc (Hons)	69
Economics and Accountancy BSc (Hons)	70
Financial Economics BSc (Hons)	71



To hear more from Scott, scan page 66 using the Aurasma app on your smart device or visit www.city.ac.uk/ug2014/people

Economics is the study of the production, distribution and consumption of wealth. Microeconomics investigates the behaviour of individual agents in specific markets, while macroeconomics studies the consequences of that behaviour for the economy as a whole. The first two years of undergraduate courses are typically based on a series of core theory modules in microeconomics and macroeconomics and quantitative methods including mathematics, statistics and econometrics. The second and third years include a range of elective modules in such areas as industrial, financial, health, labour and monetary economics that apply first year concepts and methods to various economic specialisms.



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Find out more, visit
www.city.ac.uk/economics
www.city.ac.uk/courses

Studying Economics at City

The Department of Economics at City University London can offer an international experience with both staff and students from a very large range of countries. Most staff are research-active, creators as well as consumers and transmitters of the course content. Economics and Financial Economics students have the opportunity to complete a small-scale research project in their final year. Economics and Accountancy students gain exemptions from professional examinations awarded by such bodies as the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants and Institute of Chartered Accountants in England and Wales (ICAEW).

Opportunities for work placements

Undergraduate students can spend four years completing their degree by undertaking a work placement between years two and three. The degree then awarded is the BSc (Hons) Financial Economics, Economics, or Economics and Accountancy, “with Integrated Professional Training”. Recent placements have been with HM Treasury, RBS, GlaxoSmithKline, the Foreign and Commonwealth Office, PricewaterhouseCoopers, the Department for Work and Pensions, the Ministry of Defence, Goldman Sachs and the Financial Ombudsman Service.

Opportunities for study abroad

Students on the Economics and Financial Economics degrees may take one or two terms in their second year or the first term of their third year studying at one of our partner institutions in Barcelona, Cagliari, Madrid, Rotterdam and Toulouse on the British Council Erasmus scheme. Modules at these institutions are carefully selected to ensure comparability and to satisfy the prerequisites for third year modules. No fees are payable and a grant is awarded. There are also opportunities for study abroad with our partner institutions in Boston, Istanbul and Seoul. For more information on the Erasmus scheme, see www.britishcouncil.org/erasmus.

Research in Economics

Professor Michael Ben-Gad

In much of his research, Professor Michael Ben-Gad, head of the Department of Economics at City, explores the effect of immigration on the host country. Within this broad and complex field, he focuses on three areas in particular: firstly, general macroeconomic theory, including the cyclical nature of economies; secondly fiscal policy, with particular emphasis on taxation and sovereign debt; and thirdly, the impact of international migration on different sectors of the national economy. Recent research has considered the impact of deficit bias and immigration on government policy. Professor Ben-Gad argues that if societies are absorbing continuous flows of new immigrants, we should expect governments that represent the interests of today’s population to choose policies that shift at least part of the tax burden onto the (immigrant) population of the future. Through the use of an optimal growth model with overlapping dynasties and factor taxation, Professor Ben-Gad considers this assumption with reference to the United States and Europe.

Find out more about Economics

- See the Economics Network/ Royal Economic Society “Why study Economics?” www.whystudyeconomics.ac.uk
- Keep up-to-date with articles related to economics and finance in *The Economist* and *Financial Times* (both of which students receive free)
- Explore the wealth of fascinating material on the websites of HM Treasury www.hm-treasury.gov.uk, the Bank of England www.bankofengland.co.uk and the European Central Bank www.ecb.int. For a sometimes more sceptical view, see such think-tank sites as the Institute for Fiscal Studies www.ifs.org.uk.

Economics

BSc (Hons)

This degree is flexible and provides a range of future career and study choices. The structure and content of the degree have been designed and are continually updated to strengthen students' understanding of key concepts and tools and to highlight the practical link between theory and real-world applications.

UCAS code
L100
Duration
3 years or 4 years with work placement option
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points (typically AAA at 'A' Level, or AAB with an additional 'AS' Level at grade B or higher)
IB
35 points
In addition, the following is required:
GCSE
English Language and Mathematics at grade B (or equivalent)
English language requirements
IELTS: 6.5 overall with a minimum of 5.5 in each component
TOEFL: 100 internet-based total

Other courses you may like
BSc (Hons) Economics and Accountancy
BSc (Hons) Financial Economics

The BSc (Hons) Economics provides opportunities for students to broaden their horizons by European exchange and placement year schemes and through student-led Economics Society activities. Students will develop a range of transferable skills, disciplinary knowledge and an understanding of economics, delivered by research-active experts in the field.

Course structure

Year one

The first year lays the analytical and conceptual foundations of economics with examples of real-world applications of economics to important practical problems.

Core modules:

- Data analysis
- Introduction to macroeconomics
- Introduction to microeconomics
- Mathematics for economists
- Topics in applied macroeconomics
- Topics in applied microeconomics.

Year two

The second year builds on these foundations by providing intermediate-level core courses. Students can see how economics is applied to areas of interest by choosing from elective modules in Money and banking, Global financial markets, International trade, Intermediate mathematical methods and Public Economics. These allow an insight into more specialised subject areas that can be concentrated on further in the final year.

Core modules:

- Intermediate macroeconomics
- Intermediate microeconomics
- Introductory econometrics.

Final year

The final year gives students the opportunity to apply their knowledge of core concepts to a specialised research project chosen from a list of approved topics.

Core modules:

- Applied econometrics
- Financial economics.

Elective modules (examples):

- Advanced quantitative economics
- Development economics
- Labour economics.

Assessment is usually by means of coursework and unseen examination. Coursework may consist of standard essays, individual and group presentations, group reports, classwork, unseen tests and problem sets.

Career opportunities

Economics graduates have gained the professional skills and experience that employers demand. Recent Economics graduates from City have gone on to further study in economics, business, finance and management at London School of Economics, SOAS, Liège and Cambridge. Recent employment destinations include Bloomberg, Barclays Bank, Barclays Wealth and Investment Management, PricewaterhouseCoopers, Deloitte and the Government Economic Service.

Economics and Accountancy

BSc (Hons)

This course combines the advantages of a quantitative training in economics with the preparation for a future career in the field of accountancy.

UCAS code	LN14
Duration	3 years or 4 years with work placement option
Entry requirements	Typical offers require one of the following:
'A' Level	360 UCAS tariff points (typically AAA at 'A' Level, or AAB with an additional 'AS' Level at grade B or higher)
IB	35 points
In addition, the following is required:	
GCSE	English Language and Mathematics at grade B (or equivalent)
English language requirements	IELTS: 6.5 overall with a minimum of 5.5 in each component TOEFL: 100 internet-based total

Other courses you may like
BSc (Hons) Accounting and Finance
BSc (Hons) Banking and International Finance
BSc (Hons) Economics
BSc (Hons) Financial Economics

The BSc (Hons) Economics and Accountancy aims to develop students' analytical abilities in economics while providing them with the opportunity to pursue a career in accountancy. Modules in accountancy are delivered at Cass Business School. This course provides a wide variety of transferable skills that will be invaluable when seeking employment.

Course structure

Year one

The first year lays the foundations of both economics and accountancy.

Core modules:

- Data analysis
- Introduction to financial and management accounting
- Introduction to law
- Introduction to macroeconomics
- Introduction to microeconomics
- Mathematics for economists.

Year two

The second year builds on these foundations with additional core modules. The development of knowledge in these areas prepares students for the final year so they can specialise in subjects of direct personal interest.

Core modules:

- Financial accounting
- Intermediate macroeconomics
- Intermediate microeconomics
- Introductory econometrics.

Final year

The final year refines the knowledge and skills developed in the introductory and intermediate subject areas. An accountancy background can be strengthened by core modules covering topics related to accountancy

and financial management, including a module in company law. The final year also offers a small number of elective economics modules so students can pursue their own academic interests or prepare for a specific career or postgraduate study.

Core modules:

- Advanced financial accounting
- Applied econometrics
- Company law
- Corporate finance
- Financial accounting theory
- Financial management
- Management accounting.

Assessment is usually by coursework and unseen examination. Coursework may consist of standard essays, individual and group presentations, group reports, classwork, unseen tests and problem sets.

Career opportunities

The main professional bodies in accountancy (the Chartered Institute of Management Accountants (CIMA), the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Public Finance and Accountancy (CIPFA) and the Institute of Chartered Accountants in England and Wales (ICAEW)) all accredit the programme, and award a range of exemptions from professional accountancy examinations. Graduates in Economics and Accountancy are in demand in many professions and industries including banking, telecommunications, fund management, management consultancy, insurance, development consultancy, the civil service and teaching. Recent destinations include Hitachi Capital, KPMG and an MSc in Economics at the University of Cambridge.

Financial Economics

BSc (Hons)

This degree was developed to meet the need for highly-skilled professionals combining a specific knowledge of financial institutions and markets with the analytical abilities of a trained economist.

UCAS code
L111
Duration
3 years or 4 years with work placement option
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points (typically AAA at 'A' Level, or AAB with an additional 'AS' Level at grade B or higher. Must include 'A' Level Mathematics)
IB
35 points including Higher Level Mathematics
In addition, the following is required:
GCSE
English Language at grade B (or equivalent)
English language requirements
IELTS: 6.5 overall with a minimum of 5.5 in each component
TOEFL: 100 internet-based total

Other courses you may like
BSc (Hons) Accounting and Finance
BSc (Hons) Banking and International Finance
BSc (Hons) Economics
BSc (Hons) Economics and Accountancy

The course aims to develop students' analytical abilities in economics, with particular reference to finance. Successful completion is a signal to prospective employers of graduates' sound knowledge and understanding of the microeconomic and macroeconomic principles underlying various types of financial markets and instruments. Students can broaden their horizons through placement year schemes and participating in the activities of the student-led Economics Society.

Course structure

Year one

The first year lays the analytical and conceptual foundations of economics with modules covering examples of the real-world application of economics to important practical problems.

Core modules:

- Data analysis
- Introduction to macroeconomics
- Introduction to microeconomics
- Mathematics for economists
- Topics in applied macroeconomics
- Topics in applied microeconomics.

Year two

The second year allows students to develop their core skills by intermediate-level courses. Students can also begin to specialise in financial topics.

Core modules:

- Global financial markets
- Intermediate macroeconomics
- Intermediate microeconomics
- Intermediate mathematical methods
- Introductory econometrics
- Money and banking.

Final year

The final year provides students with an opportunity to apply their knowledge of core tools to a supervised research project in Financial Economics. The final year core modules examine the financial aspect of the course while the electives allow further specialisation.

Core modules:

- Applied econometrics
- Corporate finance
- Financial economics
- Introduction to financial derivatives.

Elective modules (examples):

- Advanced quantitative economics
- Development economics
- Labour economics.

Assessment is usually by means of coursework and unseen examination.

Career opportunities

Graduates in Financial Economics are in demand in professions such as accountancy, management consultancy, finance, banking, insurance, the Civil Service, teaching, central banks such as the Bank of England and international bodies like the World Bank and the International Monetary Fund. Recent graduates have also gone on to further study in universities such as Glasgow and Cambridge.

Electrical and Electronic Engineering

Course listing

Biomedical Engineering BEng	74
Computer Systems Engineering BEng	75
Electrical and Electronic Engineering BEng/MEng	76
Engineering with Management and Entrepreneurship BEng	78
Telecommunications BEng	79

Arman Hussain, 19 ←
BEng Electrical and Electronic Engineering, first year

I chose this degree because:

I want to be part of society's technological advances.

Technology is revolutionising the world we live in and I want to be a part of that. I'm fascinated by how technological devices and software work and so far the course is very good – long days, but fun. City has so many societies and so far I've joined three – the dance society, photography and snow sports. I'm also a City blogger, writing about my experience as a first year student in the School of Engineering & Mathematical Science.

Hamid Elhrouz, 35 ↑
MEng Electrical and Electronic Engineering, graduated summer 1999

My time at City:

Helped me find a job I really enjoy.

I work at Heathrow for NATS, who specialise in air travel and my degree definitely helped me to get the job. I returned to City in 2000 to do an MSc in Information Technology and this additional qualification made me more employable. City is very good at offering a balance of practical and theoretical skills, which gives students a more complete experience.



To hear more from Hamid, scan this page using the Aurasma app on your smart device or visit www.city.ac.uk/ug2014/people

Electrical, electronic, biomedical, computer and telecommunications engineers and entrepreneurs today work in a range of industries. Their problem-solving skills and multidisciplinary education are well known in the UK and abroad. At City, we are aware of the importance of practical skills for engineering students.

Studying Electrical and Electronic Engineering at City

City has a long tradition of educating in the area of Electrical and Electronic Engineering, providing courses since the early twentieth century and computer systems engineering since 1973. In the late 1990s, City became one of the first UK universities to provide a BEng Biomedical Engineering. Students are prepared for the world of work through the acquisition of academic knowledge and a range of practical, transferable skills. Our close links with industry enable us to quickly adapt our courses to its needs.

Opportunities for work placements

Students are strongly encouraged to seek a placement after their second year. The placement will give them the opportunity to learn more about industry, take on graduate level responsibilities and in some cases work as part of a multinational work force.

Research in Electrical and Electronic Engineering

Professor Tong Sun

Since the 1970s, the School of Engineering & Mathematical Science has been involved in the development of pioneering techniques and instruments for measurement and the research of Professor Tong Sun, Course Director for the BEng Telecommunications, continues that strong tradition. Professor Tong leads a research team that is developing a new range of optical fibre sensors suitable for use in a variety of different contexts where electrical or physical sensors are not appropriate or cost-effective. One of the most interesting applications of the optical sensors could be in hostile or security-critical settings, such as border crossings and crowded public spaces, to help identify illegal cargoes or criminal behaviour. In the first case, sensors are being developed to act as a portable, cost-effective alternative to sniffer dogs, recognising substances such as explosives or drugs. In the second case, Professor Sun and her colleagues are exploring the potential of sensors capable of smelling fear: by recognising the chemical pheromones that humans emit, such sensors could give an indication of abnormal or suspicious behaviour.

Find out more about Electrical and Electronic Engineering

Professional societies in the fields of Electrical, Electronic and Biomedical Engineering provide a useful starting point for information about current research and development, employment and networking opportunities. Some of the largest professional societies include the following:

- The Institute of Electrical and Electronics Engineers (IEEE): www.ieee.org
- The International Telecommunications Society (ITS): www.itsworld.org
- The Biomedical Engineering Society (BMES): www.bmes.org.

Electrical and Electronic Engineering Foundation courses

UCAS codes: H606 (BEng in Electrical and Electronic Engineering; Biomedical Engineering; Telecommunications; Engineering with Management and Entrepreneurship); H608 (BEng in Computer Systems Engineering)

For students who wish to study Electrical and Electronic Engineering at City University London but do not satisfy the entry requirements, Foundation courses can be the first year of a four year BEng degree (or a five year MEng degree). The emphasis in the Foundation courses is on developing study skills and ability in core engineering subjects. Students on the Foundation course mainly study at City's partner further education institution, City and Islington College. They also attend City, where they have access to laboratory facilities, the library and the Students' Union. Students who successfully complete the Foundation course may transfer onto BEng Biomedical Engineering, BEng Computer Systems Engineering, BEng/MEng Electrical and Electronic Engineering, BEng Engineering with Management and Entrepreneurship or BEng Telecommunications.

For further information on the Foundation courses, including entry requirements and UCAS codes, please visit our website.



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Telephone enquiries
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Find out more, visit
www.city.ac.uk/engineering-maths
www.city.ac.uk/courses

Biomedical Engineering

BEng

The BEng Biomedical Engineering covers a range of engineering applications that are relevant to the needs of the healthcare industry and draws on City's long-standing expertise in technology and healthcare.

UCAS code
BH81 BEng, BHV1 BEng with professional placement
Duration
3 years or 4 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points (two 'A' Levels in science subjects, preferably Mathematics or Physics, plus GCSE Mathematics at grade B if 'A' Level Mathematics not offered)
IB
30 points including 5 in Higher Level Mathematics and Physics
BTEC
DDD in a relevant subject including D in L3 Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points; 'A' Level Mathematics at grade B/100 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total
Other courses you may like
BEng Computer Systems Engineering
BEng/MEng Electrical and Electronic Engineering

Biomedical Engineering applies the principles of science, engineering and medicine directly to the complex medical technologies used in the prognosis, diagnosis, monitoring and treatment of the sick and injured. Biomedical engineers also require managerial and communication skills and an awareness of the economic, environmental and social implications of their activity.

Course structure

Year one and year two
Students study the fundamental principles of engineering that underpin the design of medical equipment. Core modules include:

- Analogue and digital electronics
- Circuit theory
- Computer technology and programming
- Engineering design
- Engineering science
- Mathematics
- Signals and systems
- Specialist Biomedical Engineering modules.

In addition, students study specialist biomedical engineering modules to help them gain sufficient familiarity with physiological concepts and language of medicine.

Year one covers:

- Anatomy and physiology
- Introduction to biomedical engineering.

Year two covers:

- Biomedical instrumentation
- Biomedical optics.

Final year

Specialist biomedical engineering modules including:

- Digital image processing
- Medical imaging
- Medical ultrasound
- Respiratory and cardiovascular measurement
- Sensors and sensing systems in biomedical engineering.

Students also undertake individual project work, giving them the opportunity to work in a team environment with members of the School's research teams and clinical teams.

The course is interdisciplinary and students will learn from academics of the School of Engineering & Mathematical Sciences, the School of Health Sciences and the School of Informatics, as well as hospital consultants and experts from the medical industry. Information is delivered in lectures, seminars and tutorials, supplemented by laboratory-based or theoretical coursework.

Career opportunities

The biomedical engineering field is wide and graduates can find employment in areas such as the medical technology industry, the pharmaceutical industry, the Ministry of Health and other health-related departments and biomedical research.

Accreditation

This course is accredited by the major professional engineering bodies – the Institution of Engineering and Technology, the Institute of Measurement and Control and the Institute of Physics and Engineering in Medicine – with whom we maintain close professional links.

Computer Systems Engineering

BEng

The BEng Computer Systems Engineering meets an increasing need for engineers who can contribute to both the hardware and software design of computer systems.

UCAS code
H600 BEng, H601 BEng with professional placement
Duration
3 years or 4 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points ('A' Level Mathematics at a minimum of grade B and Physics are required)
IB
30 points including 5 each in Higher Level Mathematics and Physics
BTEC
DDD in a relevant subject including D in L3 Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points; 'A' Level Mathematics at grade B/100 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total
Other courses you may like
BEng Biomedical Engineering
BEng/MEng Electrical and Electronic Engineering
BEng Telecommunications

In addition, engineers require managerial skills, the ability to communicate effectively, a good measure of human understanding and an awareness of the economic, environmental and social implications of their activity. Our courses are designed to provide excellent training in all these areas.

Course structure

Year one and year two

The first two years of this course are joined with the BEng/MEng Electrical and Electronic Engineering and the BEng Telecommunications. They cover aspects of electronics, computer systems, engineering mathematics and software engineering, including:

- Circuit theory
- Communications systems
- Computer programming (C/C++/Java)
- Dynamics and control
- Electronics
- Engineering design
- Engineering mathematics
- Signals and systems.

Final year

Students have the opportunity to take modules covering advanced issues in modern computer systems, including:

- Computer systems and networks
- Embedded and real time systems
- Java programming
- Software engineering.

A popular feature of this course is the individual project, which runs throughout the final year. This may be a detailed design study, an experimental and/or theoretical investigation or a critical review of a topic in computer systems engineering. Students have the opportunity to interact with members

of the School's various research teams, working alongside experienced researchers on highly relevant and exciting projects. The course is delivered by academics of the School, with lectures from external experts explaining how technologies are currently being used in practice. The degree's modular structure covers the design of modern electronic equipment and appropriate computer systems. There is a strong emphasis on computer programming and computer networking. Learning methods include lectures, seminars and tutorials supplemented by an engineering applications course and involves laboratory and group projects.

The final degree classification is based on marks obtained in the second and final academic years, the final academic year contributing twice as many marks as the second year. Coursework and engineering applications account for approximately 30 per cent of the total.

Career opportunities

The BEng Computer Systems Engineering will enable graduates to pursue a diverse range of careers in electronic engineering, computer science and computer networks.

Accreditation

This course is accredited by the major professional engineering bodies – the Institution of Engineering and Technology and the Institute of Measurement and Control – with whom we maintain close professional links.

Electrical and Electronic Engineering

BEng/MEng

The BEng/MEng Electrical and Electronic Engineering at City has a long-standing tradition of excellence.

BEng
UCAS code
H602 BEng, H642 BEng with professional placement
Duration
3 years or 4 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points ('A' Level Mathematics at a minimum of grade B and Physics are required)
IB
30 points including 5 each in Higher Level Mathematics and Physics
BTEC
DDD in a relevant subject including D in L3 Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points; 'A' Level Mathematics at grade B/100 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total

Other courses you may like
BEng Biomedical Engineering
BEng Computer Systems Engineering

MEng
UCAS code
H607 MEng, H609 MEng with professional placement
Duration
4 years or 5 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points ('A' Level Mathematics at a minimum of grade B and Physics are required)
IB
32 points including 5 each in Higher Level Mathematics and Physics
BTEC
DDD in a relevant subject including D in L3 Mathematics or Grade B in 'A' Level Mathematics
14-19 Advanced Diploma
Engineering at grade A/300 points; 'A' Level Mathematics at grade B/100 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total

The course provides a solid foundation for people wishing to pursue a career in electrical engineering, communications, control systems, robotics or sensor systems, through a diverse range of theoretical skills and practical experiences presented in the context of real applications and design experience. In addition, engineers require managerial skills, the ability to communicate effectively and an awareness of the economic, environmental and social implications of their activity, which the course modules provide.

Course structure

Year one and year two

The first two years of this course are joined with the BEng Computer Systems Engineering and the BEng Telecommunications. The focus is on fundamental principles of engineering and applied physics and modules provide an essential insight into electronics, design and computing:

- Circuit theory
- Communications systems
- Computer programming (C/C++/Java)
- Dynamics and control
- Analogue and digital electronics
- Engineering design
- Engineering mathematics
- Signals and systems.

Year three

Modules include:

- Electrical and electronic power systems
- Electromagnetic fields
- Embedded real time systems
- Engineering systems
- Signal processing.

All students are required to undertake a project. This is often associated with the design, construction and costing of an electrical device to satisfy a given specification or it may be a more fundamental investigation connected with one of our research groups' interests. Students also attend a field trip to the London Overground depot and are invited to test a hybrid car.

Project work normally requires the equivalent of more than one day per week to be spent in the laboratory. Recent student projects include the design of control systems, image-based lane-following in autonomous vehicle navigation, neural networks for financial forecasting and optical fibre instrumentation. Additional material in engineering systems is covered by the MEng students, whose individual projects also feature more scientific research.

MEng: Year four

In their final year, MEng students undertake an interdisciplinary industrial project and a research-based individual project. They also have a choice of four advanced modules in control engineering, telecommunications and power engineering.

The course is delivered mainly by academics from the School of Engineering & Mathematical Sciences. It also includes lectures from experts from the industrial sector who explain how technologies are currently being used in industry to solve real-world problems.

The course is taught in formal lectures, seminars and tutorials supplemented by an engineering applications course and involves laboratory and group projects.

The course is assessed by examinations, coursework and laboratory reports. The BEng degree classification is based on marks obtained in the second and final academic years, the final academic year contributing twice as many marks as the second year. The MEng degree classification is based on marks obtained in the second, third and fourth years.

Career opportunities

The electrical and electronic engineering field offers exciting employment opportunities in areas such as research and development, consultancy, software engineering, design, electronics, power systems and instrumentation and control.

Accreditation

This course is accredited by the major professional engineering bodies – the Institution of Engineering and Technology and the Institute of Measurement and Control – with whom we maintain close professional links.

Engineering with Management and Entrepreneurship

BEng

This degree provides the opportunity to study modules set within a multidisciplinary environment offering a mix of engineering, business and management topics and a solid grasp of mathematical principles.

UCAS code
H1N2
Duration
3 years or 4 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points ('A' Level Mathematics at a minimum of grade B is required)
IB
30 points including 5 each in Higher Level Mathematics
BTEC
DDD in a relevant subject including D in L3 Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points; 'A' Level Mathematics at grade B/100 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total
Special entry requirements
Direct entry into part two is possible following successful completion of part one of a comparable BEng or BSc course

The course provides an understanding of entrepreneurial behaviour and how this interacts with innovation, technology, the economic environment and opportunity recognition. The course develops future engineering managers with specialist technical knowledge of engineering principles and mathematical concepts and a sound understanding of effective management techniques.

Course structure

Year one and year two

In years one and two, fundamental principles of engineering, mathematics and business are studied, providing a strong background and tools for more advanced specialisations in the final year. Modules include:

- Accounting and finance
- Dynamics and control
- Electronic circuit design
- Engineering management
- Engineering mathematics and computation
- Engineering practice
- Introduction to microeconomics
- Management and entrepreneurship
- Systems, modelling and control.

These modules help students to apply their knowledge of engineering principles and mathematical concepts to identify and solve problems using engineering and project management tools. Students will also gain insight into the main challenges that engineering managers and entrepreneurs face in building teams, raising finance, influencing negotiations and managing conflict effectively.

Year three

In year three, students will gain in-depth advanced knowledge and understanding of engineering systems principles, management, sustainability and corporate responsibility issues and the technological entrepreneurship skills required for a successful career in business. The major individual project undertaken will enable students to analyse and understand a full engineering life cycle from eliciting requirements, design and product development to bringing the product to market. Modules offered include:

- Electrical and electronic power systems
- Engineering management
- Engineering systems
- Major individual project
- Renewable energy.

The course is delivered as formal lectures, tutorials, laboratory sessions, seminars, case studies, problem-based learning, presentations and group work. Additional lectures are delivered by engineering leaders from industry, all of whom have extensive engineering and management expertise.

Career opportunities

After graduation, students will have varied and exciting career and employment opportunities available as engineering managers, financial and business analysts, design engineers, system engineers and energy engineers.

Other courses you may like

BEng/MEng Electrical and Electronic Engineering

BEng/MEng Civil Engineering

BEng/MEng Mechanical Engineering

Telecommunications

BEng

This degree leads to many exciting employment opportunities in the fields of telecommunications, the laser engineering industry, research and development sectors and the electronics industry.

UCAS code
H645 BEng, H646 BEng with professional placement
Duration
3 years or 4 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points ('A' Level Mathematics at a minimum of grade B and Physics are required)
IB
30 points including 5 each in Higher Level Mathematics and Physics
BTEC
DDD in a relevant subject including D in L3 Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points; 'A' Level Mathematics at grade B/100 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total
Other courses you may like
BEng/MEng Electrical and Electronic Engineering BEng Computer Systems Engineering

The course has been designed in a systematic way, from fundamental training in engineering science, electronics and computing to more specialised and photonics-focused modules with a strong emphasis on applications and case studies. In addition, engineers require managerial skills, the ability to communicate effectively, a good measure of human understanding and an awareness of the economic, environmental and social implications of their activity.

Course structure

Year one and year two

The first two years of this course are joined with the BEng/MEng Electrical and Electronic Engineering and the BEng Computer Systems Engineering. The fundamental principles of engineering and applied physics that underpin the design of electrical and electronic equipment are studied in the first two years. Modules provide essential insight into electronics, design and computing and specialised electrical and electronic engineering courses:

- Circuit theory
- Communications systems
- Computer programming (C/C++/Java)
- Dynamics and control
- Electronics
- Engineering design
- Engineering mathematics
- Signals and systems.

Year three

In the final year, students have the opportunity to take an increasing number of advanced specialist communications modules such as:

- Digital broadcasting technology
- Digital communications
- Optical and wireless communications
- Signal processing.

All students in the final year are required to undertake a project that is often associated with the design, construction and evaluation of an electrical or communication device to meet a given specification or fundamental research on recently available technologies that address current industrial needs.

The course is delivered by academics from the School of Engineering and Mathematical Sciences, with some lectures given by consultants and experts from the industrial sector. Learning methods include formal lectures, seminars and tutorials, supplemented by an engineering applications course involving laboratory and group projects.

Career opportunities

Graduates follow careers in telecommunications, laser engineering, research and development, IT, design, consultancy and further education.

Accreditation

This course is accredited by the major professional engineering bodies – the Institution of Engineering and Technology and the Institute of Measurement and Control – with whom we maintain close professional links.

International Politics

Mariah Mauroudi, 21

BSc (Hons) International
Politics, third year

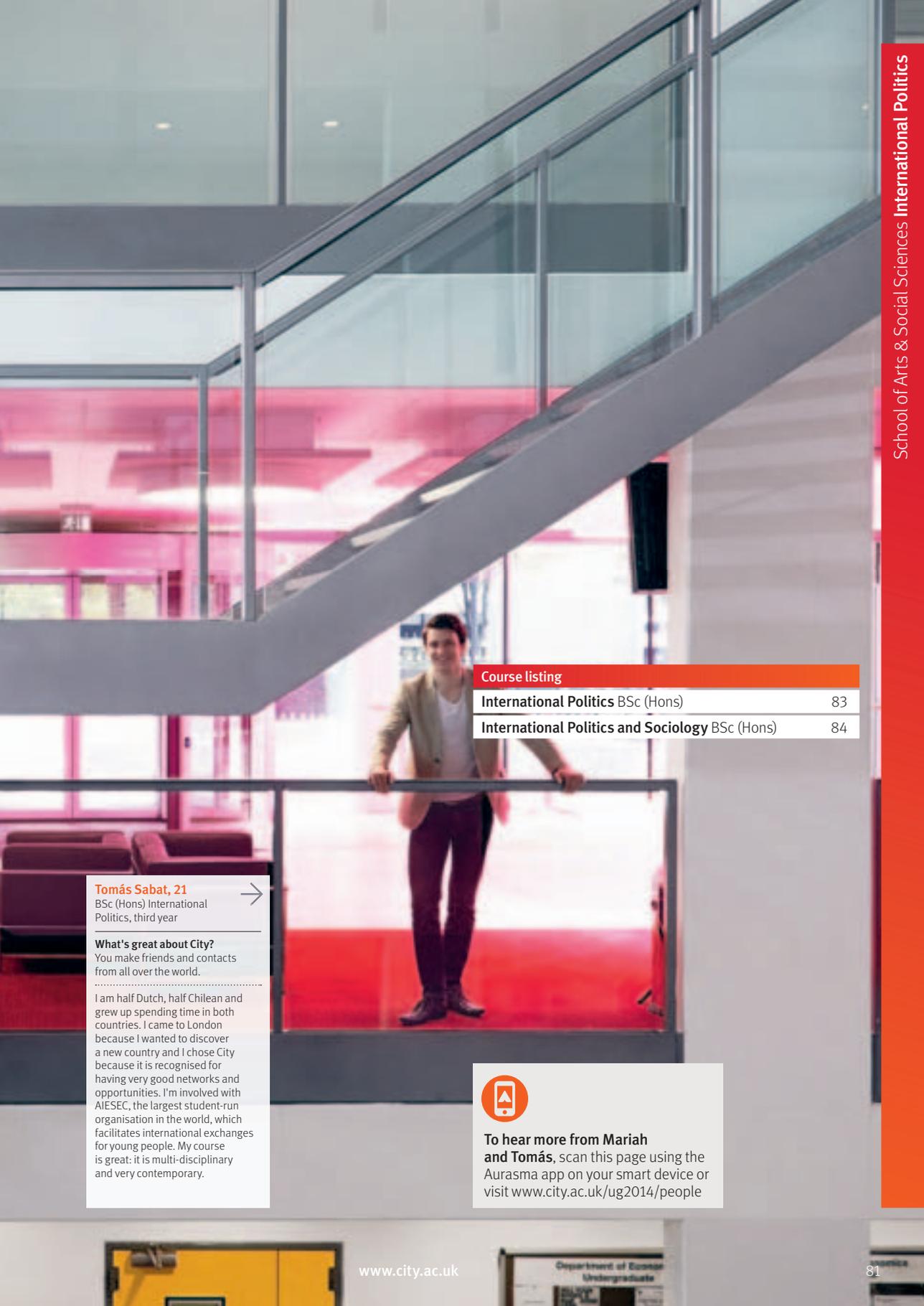


**How would you sum up
City in a few words?**

It's an exciting place that
also feels like home.

I am from Athens, but since I was little I've dreamt of coming to London. My degree covers a very broad range of subjects - including history, philosophy and sociology, which means what we learn can be applied to many different fields. After this, my plan is to do a Masters, either in Criminology or War Studies, and my ultimate aim - because I want a career where I can help people - is to become a diplomat.

Mariah and Tomás are in the Social Sciences Building, which was refurbished in 2012.



Course listing

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Tomás Sabat, 21

BSc (Hons) International Politics, third year



What's great about City?

You make friends and contacts from all over the world.

I am half Dutch, half Chilean and grew up spending time in both countries. I came to London because I wanted to discover a new country and I chose City because it is recognised for having very good networks and opportunities. I'm involved with AIESEC, the largest student-run organisation in the world, which facilitates international exchanges for young people. My course is great: it is multi-disciplinary and very contemporary.



To hear more from Mariah and Tomás, scan this page using the Aurasma app on your smart device or visit www.city.ac.uk/ug2014/people

At the heart of contemporary international politics lie new challenges to enduring problems. Issues such as poverty, terrorism, conflict, human rights, economic development, health and the global environment make the study of international politics an exciting prospect. The skills of International Politics graduates are of direct relevance to a wide range of professions including those in teaching, research, the Civil Service, media communications, journalism, international organisations, non-governmental organisations, international finance and the private sector.

Studying International Politics at City

The International Politics degrees at City help students find answers to the many questions about our changing world. We are a growing community of students and academics dedicated to exploring power, global transformations and new challenges in the 21st century. Our expert staff are at the leading edge of contemporary debates concerning international diplomacy, finance, civil society, security, religion, migration and many other public policy issues across all continents.

Opportunities for work placements

International Politics students can undertake work placements between the second and third years of their degree. Advice is provided in the first term of the second year to students interested in taking up this option. The degree title then awarded is BSc (Hons) International Politics or International Politics and Sociology “with Integrated Professional Training”.

Opportunities for study abroad

A wide range of study abroad opportunities is available. Students have taken up study abroad opportunities at a range of universities including the University of Queensland, Brisbane, Australia, Northeastern University, Boston, USA, Monash University, Melbourne, Australia and Seoul National University, Seoul, South Korea.

Research in International Politics

Professor Rosemary Hollis

In 2008, Professor Rosemary Hollis joined the School of Arts & Social Sciences as Professor of Middle East Policy Studies. She is also Director of the Olive Tree Programme, a unique scholarship programme that provides scholarships for outstanding Palestinian and Israeli students to study as undergraduates at City, while also engaging in debate and interaction with a wide range of communities. Professor Hollis is certainly well-placed to lead such a programme, which also plays a key part in educating the wider public on contemporary issues in the Middle East: over the course of her academic career, she has conducted research into foreign policy and security issues in the region, looking most recently at the evolving relationship between the Middle East and Britain since 9/11 and the international dimensions of regional conflicts.

Find out more about International Politics

- We recommend keeping up-to-date with international developments by reading *The Economist*, listening to the BBC World Service or browsing www.opendemocracy.net
- An introduction to the academic debates is provided in Joseph Nye's *Understanding International Conflicts* (any edition). We also recommend trying some of the classic authors such as Machiavelli, Kant and Marx.



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Telephone enquiries
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Find out more, visit
www.city.ac.uk/international-politics
www.city.ac.uk/courses

International Politics

BSc (Hons)

This degree is different from traditional international relations degrees. We focus on contemporary global issues and study international organisations as policy-making structures in each year of the degree.

UCAS code
L240
Duration
3 years or 4 years with professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points (typically AAB at 'A' Level)
IB
35 points
In addition, the following is required:
GCSE
English Language and Mathematics or Statistics at grade C (or equivalent)
English language requirements
IELTS: 6.5 overall with a minimum of 5.5 in each component
TOEFL: 100 internet-based total

Other courses you may like
BSc (Hons) International Politics and Sociology

We cover not only the diplomatic relations between governments but also the economic, social and political relations between societies that are undertaken by companies and private groups. We also engage in theoretical debate on global politics in today's world. Graduates' skills are of relevance to all needing to know how their organisations fit into the world: governments and intergovernmental organisations, international non-governmental organisations (NGOs) and multinational companies.

Course structure

Year one

The first year introduces competing theories about our understanding of international politics from the issues of the Cold War to the structure of the United Nations and the state.

Core modules:

- Actors in global politics
- Contemporary issues in 20th and 21st century global politics
- Theories of global politics.

Year two

In the second year, the core theory module covers the nature of research in international politics, the core international organisations module being on change and transformation in global politics.

Core modules:

- Change and transformation in global politics
- Theories and research in global politics.

Final year

The final year includes two core modules and two elective modules. One core module integrates the previous work on theory, international organisation and global issues in greater depth. The other core requirement is a project on a topic of the student's choice, which is fulfilled by one-to-one work with the supervisor.

Core modules:

- Global governance
- International politics project.

Assessment is by coursework (assessed essays and assignments), unseen examinations and a final year project.

Career opportunities

Around 90 per cent of International Politics graduates from 2011 were in employment or further study within six months of completing their course. Graduates of the two International Politics courses are suited to a wide range of career options from the Civil Service, NGOs, journalism and teaching to international law, international organisations and the corporate sector.

International Politics and Sociology

BSc (Hons)

This joint degree combines the main core modules from Sociology and International Politics. It offers a broad understanding of both subjects with a special focus on how the local and the global relate to each other.

UCAS code
LL23
Duration
3 years
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points (typically AAB at 'A' Level)
IB
35 points
In addition, the following is required:
GCSE
English Language and Mathematics or Statistics at grade C (or equivalent)
English language requirements
IELTS: 6.5 overall with a minimum of 5.5 in each component
TOEFL: 100 internet-based total

Other courses you may like
BSc (Hons) International Politics

The Department of International Politics was launched in 2006, having evolved from the Department of Sociology, which specialises in globalisation. As a result, International Politics at City includes not only intergovernmental relations but also the intersociety relations of non-governmental organisations (NGOs). Students will gain a broad understanding of local, national and global social relations.

Course structure

Year one

The first year introduces you to competing theories about the understanding of international politics; the role of transnational companies and NGOs, as participants in global politics; and the challenges to state-based actors and intergovernmental organisations.

Core modules:

- Actors in global politics
- Introduction to sociology
- Theories of global politics
- Understanding the modern world.

Year two

The second year offers one core theory module on the nature of knowledge and research in the social sciences, with two elective modules, one provided by International Politics and one from Sociology.

Core modules:

- Sociological research methods
- Theories and research in global politics.

Final year

The final year includes a project on an international politics or sociology topic of the student's choice. Students also select electives from a range of International Politics and Sociology modules.

Core module:

- International politics project.

Assessment is by coursework (assessed essays and assignments), unseen examinations and a final year project.

Career opportunities

Graduates of this course are suited to a wide range of career options from the Civil Service, NGOs, journalism and teaching to international organisations and the corporate sector. Recent employers include Blackwood Group, the London Borough of Islington, the Conservative Party, the Department for Business and ESA Market Research.



Graduates of the BSc (Hons) International Politics and Sociology are suited to a wide range of career options from the Civil Service, journalism and teaching, to international organisations and the corporate sector.

Journalism

Samuel Gould, 18 →

BA (Hons) Journalism,
first year

What are you looking forward to?

Seeing my name in print!

I've wanted to live in London since I was young and choosing City was easy as it's right for so many reasons: music is a big passion of mine and there are loads of live music venues nearby, it has easy access for getting anywhere in the city and also the journalism course is rated highly. I am a student representative for the course, liaising between students and staff about any issues students might have.

So far the course is so much more than I expected. The department has a prolific journalism output across print, broadcast and online and there are amazing work experience opportunities to come.

Samuel is in the Department of Journalism's television studio, which was developed for student learning in consultation with experts from the BBC and ITN.



Course listing

Journalism BA (Hons)

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To hear more from Samuel, scan page 86 using the Aurasma app on your smart device or visit www.city.ac.uk/ug2014/people.

Journalism is concerned with the clear communication of ideas. Employers demand that journalists entering the field have a wide grasp of a range of multimedia platforms so they can manage a workload that relies on a variety of technologies. These technologies, both old and new, affect how stories are identified, researched and presented. At the same time, there is the ongoing requirement for enduring journalistic skills requiring the historical background, analytical ability and outright intellectual curiosity that comes with scholastic training.

Studying Journalism at City

This course is aimed at students who have decided on a career in journalism. It provides practical education and proficiency in print, broadcast and online journalism and other subjects that are essential for a successful career, including history of journalism, media law and politics. City's Department of Journalism is widely regarded as a leader in its field. Our record of getting graduates into the best jobs in journalism is unrivalled. We enjoy close links with those working in the media, many of whom give student lectures and workshops. Our state-of-the-art multimedia studios and newsrooms were opened in 2009 after a £12 million refit.

Opportunities for work placements

Our central London location, links to media and extensive *alumni* network serve as a great platform. Employers will always value a good university degree. It is important for students not only to choose the best degree programme, but also to have confidence that they are joining a world-class network and a globally recognised brand. Recent graduates have found work at the BBC, *The Times*, *The Sun*, the *Financial Times*, *Women's Fitness*, Reuters, Mumsnet and websites and magazines in the UK and abroad.

Opportunities for study abroad

Students have the option to spend their third year studying with one of our many foreign exchange partners in destinations including Canada, Australia, the USA, Hong Kong, France, Denmark, the Netherlands and Spain, extending their degree to four years. It is also possible to spend this year doing work placements or paid work in the industry, which is useful for building experience and contacts.

Research in Journalism

Professor Suzanne Franks

Professor Suzanne Franks joined City in 2012 as the Course Director for the BA (Hons) Journalism. As a producer the Television Current Affairs department of the BBC, she produced programmes including *Newsnight*, *Watchdog* and *Panorama*, before establishing an independent production company that specialised in political coverage and the televising of Parliament. In her research, Professor Franks has explored media coverage of humanitarian disasters and the relationship between media and aid: a forthcoming book, entitled *Reporting Disasters: Famine, Aid, Politics and the Media*, takes the reporting of the Ethiopian Famine in 1984-85 as its starting point for an exploration of how the media can affect public opinion, policy-making and aid. Professor Franks has also published widely on themes including political communication, trust in the British media and the history of the BBC.

Find out more about Journalism

- To find out more about studying journalism at university, prospective students should read a wide variety of websites, magazines and newspapers every day
- The following books may also inspire and inform: Davies N (2008) *Flat Earth News*, Chatto & Windus; George Orwell's essay on *Politics and the English Language*; Harcup T (2009) *Journalism: Principles and Practice*, Sage.



Email enquiries

undergraduatejournalism@city.ac.uk



Telephone enquiries

+44 (0) 20 7040 0223



Find out more, visit

www.city.ac.uk/journalism

www.city.ac.uk/courses

Journalism

BA (Hons)

This degree is aimed at students wanting a career in journalism. It provides practical education and proficiency in print, broadcast and online journalism and relevant studies in humanities such as politics and the history of journalism.

UCAS code
P500
Duration
3 years or 4 years with placement or study abroad
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points (typically AAA at 'A' Level)
IB
35 points
In addition, the following is required:
GCSE
English Language and Mathematics or Statistics at grade C (or equivalent)
English language requirements
IELTS: 7.0 overall with a minimum of 5.5 in each component

City's Department of Journalism is regarded as a leader in its field, with an unrivalled record of getting graduates into the best jobs in journalism. More than 5,000 *alumni* are working as journalists and media professionals in the UK and internationally. We enjoy close links to those working in the media, many of whom give lectures and workshops. We also benefit from state-of-art facilities including multimedia studios and newsrooms.

Course structure

Journalism education at City has a practical emphasis. Time is spent in small workshops learning skills such as reporting a speech, presenting a radio news broadcast, interviewing and preparing page layouts on screen and regularly producing news and feature stories. As professional work experience is the key to getting a job in journalism, students, with their tutors' advice, arrange a variety of placements during their degree.

Year one

This covers the basic principles of journalism, the history of journalism and politics and current affairs.

Core modules:

- History of journalism
- Introduction to British media
- Introduction to journalism
- Politics and current affairs
- A foreign language.

Year two

Core modules:

- Multimedia production
- Journalism skills
- Power without responsibility.

In the second year, students can choose from a wide range of

options such as Visual journalism, Data journalism, Humanitarian communication, British political scandals and Shorthand.

Final year

Core modules:

- Advanced practical journalism broadcast
- Advanced practical journalism print/online
- Journalism project (print, broadcast or web)
- Media law and ethics.

Third year options include a dissertation, International news, Activism and campaigning journalism and a range of specialisms.

Coursework includes news reports and features in all media formats, presentations, portfolio content, individual and group projects and essays. Some modules are assessed completely by coursework, while others require a combination of coursework and examination.

Career opportunities

City has launched the careers of over 5,000 graduates and postgraduates including Tony Gallagher (Editor, *The Daily Telegraph*), Sophie Raworth (BBC News), Dermot Murnaghan (Sky) and Faisal Islam (Channel 4 News). Other recent graduates have found work at *The Sun*, the *Financial Times*, *Women's Fitness* (as Editor), Reuters, Mumsnet and websites and magazines in the UK and abroad.

Law

Nazish Ali, 22 →

LLB (Hons) Law, graduated summer 2012

My time at City

Has helped me prepare for working life.

I chose to study Law because I felt that Law would be helpful for my career and would equip me with useful transferable skills, like time management and organisation. To begin with I found it demanding as there was a great deal of reading and independent study, but I was also excited by the course and how stimulating it was. The academics made the learning environment motivating and interactive and I feel that I have gained new skills and confidence as a result.

I'm now working at the University's INTO Centre at Liverpool Street, as part of the Student Services team. The Centre works in partnership with universities to help international students prepare for degree-level study in the UK. I secured this job through an internship I did in my third year at City. I was also a student ambassador and I think the more you get involved during your time at City, the more opportunities come your way in the future.

Nazish is in the Oliver Thompson Lecture Theatre, one of City's largest spaces for lectures, talks and events.



Course listing

Law LLB (Hons)

93

An undergraduate law degree provides students with a foundation in the knowledge and skills required to become a solicitor or barrister. The study of law also provides students with a range of transferable skills that are highly valued by a variety of employers.



Email enquiries
law@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 8761



Find out more, visit
www.city.ac.uk/law
www.city.ac.uk/courses

Studying Law at City

The City Law School is one of London's major law schools. Offering an impressive range of academic and professional courses, it is the first law school in London to provide courses for students and practitioners at all stages of legal education. With three levels of study – undergraduate, postgraduate and professional – there are courses for all interested in following a career in law no matter what stage they have already reached.

Opportunities for work placements

The City Law School has an established student exchange programme with Queensland University of Technology, Brisbane, Australia, Montesquieu University, Bordeaux, France and universities in Poland, Toulouse, Moscow and Barcelona. The exchange programme gives students the opportunity to spend half of their third year studying a range of courses at one of these universities.

Research in Law

Dr Carmen Draghici

In much of her work on domestic, European and international human rights law, Dr Carmen Draghici of The City Law School explores instances of conflicting obligations under different legal regimes. This area of research has proved particularly relevant in the years since 9/11, as states, organisations and international bodies have sought to adjust to a rapidly changing security environment. Dr Draghici has explored the implications of anti-terrorism legislation in the United Kingdom for human rights guarantees, looking at whether the exigencies of national security have led to lower levels of compliance with European and international human rights legislation. Global shifts in the last decade have also given rise to a related area of her research, which examines international responsibility for wrongful acts by states and organisations and the limited reach of the International Court of Justice. Dr Draghici leads courses on family and human rights law on the LLB (Hons) and she helped to establish City's LLM in Public International Law in 2011.

Find out more about Law

- **Lawbore** is our Law School portal, which has resources including videos of students mootings, interviews with alumni and advice on everything from compiling notes to reviewing cases. www.lawbore.net
- **Lawyer2B** is the magazine for law students and features the latest legal news, useful FAQs and survival guides. www.l2b.thelawyer.com
- **All About Law** is part of the All About Careers website. It offers help on choosing a university, applications and interviews. There is also information on different types of lawyer and areas of practice. www.allaboutlaw.co.uk
- **Guardian Law** is a great place to read all the latest legal news stories. www.guardian.co.uk/law

Law

LLB (Hons)

The LLB (Hons) at The City Law School provides students with the essential legal and academic skills to be successful in a law career.

UCAS code
M100
Duration
3 years
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points (typically AAA at 'A' Level or AAB with one additional 'AS' level)
IB
29 points
In addition, the following is required:
GCSE
English Language and Mathematics or Statistics at grade C (or equivalent)
English language requirements
IELTS: 7.0 overall with a minimum of 6.0 in each component TOEFL: 110 internet-based total

The LLB (Hons) gives students the knowledge and skills they need to progress to the Legal Practice Course (LPC) or Bar Professional Training Course (BPTC). Students pursuing a career path outside of law develop a wide range of essential transferable skills. Graduates leave confident in their abilities and equipped with the skills demanded by today's employers.

Course structure

Year one and year two

In year one and year two, students study the core legal subjects common to all undergraduate law degrees.

- Constitutional and administrative law
- Contract law
- Criminal law
- Equity and trusts
- EU law
- Land law
- Tort.

Students also study:

- An introduction to legal techniques
- An introduction to key issues in the organisation of a legal system.

Final year

In their final year, students can choose from a wide range of elective subjects that allow them to study in a specialised field and gain important professional skills for their future career. The range of elective subjects offered, which is subject to availability and demand, includes several electives rarely offered at undergraduate level:

- Banking law
- Canadian constitutional law
- Canadian corporate law
- City Enterprise Services
- Commercial and agency law
- Commercial property law

- Company law
- Competition law
- Criminal justice
- Employment law
- Evidence
- Family and child law
- Human rights law
- Immigration law
- Intellectual property law
- International commercial arbitration
- International criminal law
- International economic law
- Islamic law
- Justice, law and history
- Legal skills
- Maritime law
- Media law
- Public international law.

Career opportunities

Our LLB (Hons) qualifies students to progress directly to the professional stage of their legal training – the LPC for aspiring solicitors and the BPTC for those wishing to practise at the Bar. Graduates are guaranteed a place on City's LPC (subject to meeting entry requirements) and are strongly encouraged to apply for City's BPTC (although the Bar Standards Board does not allow providers to guarantee places on this course).

Mathematics

Course listing

Mathematical Science BSc (Hons)/MMath (Hons)	96
Mathematical Science with Computer Science BSc (Hons)/MMath (Hons)	97
Mathematics and Finance BSc (Hons)/MMath (Hons)	98
Mathematical Science with Finance and Economics BSc (Hons)/MMath (Hons)	99
Mathematical Science with Statistics BSc (Hons)/MMath (Hons)	100

Yuwaraj Gurung, 21

BSc (Hons) Mathematical Science with Computer Science, second year.



What do you think of London?

It's an energetic and beautiful city.

I am from Nepal and my father was a Gurkha. In 2007, after he retired, we moved to England. One of the reasons was for my brother and me to have educational qualifications that are recognised in many countries. I thought it would be hard to move to a new country, but luckily I adapt to new situations quickly and I really like living here.

I chose City for several reasons. My cousin went to Cass and said he had enjoyed his time there. I wanted to experience life in London and the course offered me the best of both worlds, with two subjects I really enjoy. City is great for connecting with people from industries and I would say it's a high performance-based University. The Centre for Career and Skills Development is really good.

Akbar Farid, 21

BSc (Hons) Mathematics and Finance, third year



My time at City:

Has given me the opportunity to work with like-minded people.

I've always liked mathematics: I enjoy the logic and understanding how things work. The quality of teaching is very high at City, with lecturers who are respected in their fields of research. I find the course stimulating and competitive and it has given me a more explicit understanding of the subject. My internship helped me realise how I want to use my degree and after I graduate I plan to work in financial modelling.

Mathematics is fundamental to our society and the modern technological environment. It underpins many of the most important recent innovations of modern life – from mobile telephones and the internet to the analysis of genetic data. Both through its applications and as a subject of beauty in its own right, mathematics has a key role to play in the future.

Studying Mathematics at City

A degree in Mathematics from City will equip students for a role as drivers of future change and allow them to make their mark on a rapidly changing world. City's courses build on our long and distinguished tradition, stretching back nearly 120 years, of training the best students – we are immensely proud of how our graduates have been at the forefront of mathematics and academia in the UK and worldwide over that time.

Opportunities for work placements

Students may take a one-year placement in industry between the second and third years of their BSc/MMath. During the first and especially the second year, students will receive careers support to help them to identify and apply for placements.

Research in Mathematics

Professor Andreas Fring

Professor Andreas Fring is head of the Centre for Mathematical Science at City and a member of the Mathematical Physics research group within the Centre. He leads many courses across the four undergraduate degrees in Mathematics offered at the University. Much of Professor Fring's research relates to quantum field theory, one of the cornerstones of modern theoretical physics and a particular area of specialisation at City. Within this broad subject area, Professor Fring focuses on models that are integrable in just one time and one space dimension. While models in higher dimensions can be solved only approximately, integrable models can be solved exactly, providing important insights into the fundamental principles of physics. Alongside his theoretical work, Professor Fring has also conducted research into high-intensity laser physics, looking in particular at high-order harmonic generation and atomic stabilisation. His work in this field has provided opportunities for physicists, chemists and biologist to test their methods.

Find out more about Mathematics

The Institute of Mathematics and its Applications is the professional and learned society for qualified and practising mathematicians: www.mathscareers.org.uk.



Email enquiries
semsug@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 8384



Find out more, visit
www.city.ac.uk/engineering-maths
www.city.ac.uk/courses

Mathematical Science

BSc (Hons)/MMath (Hons)

This course provides an introduction to a wide range of mathematical techniques. A central theme is to apply abstract and logical methods to a wide variety of problems.

UCAS code	G100
Duration	BSc (Hons): 3 years or 4 years including a professional placement MMath (Hons): 4 years or 5 years including a professional placement
Entry requirements	Typical offers require one of the following: 'A' Level 360 UCAS tariff points ('A' Level Mathematics or Further Mathematics at grade A is required) IB 32 points including 6 in Higher Level Mathematics 14-19 Advanced Diploma Engineering or Business Administration and Finance at grade B/250 points; 'A' Level Mathematics at grade A/120 points In addition, the following is required: GCSE English Language grade C (or equivalent) English language requirements IELTS: 6.0 overall with a minimum of 5.5 in each component TOEFL: 87 internet-based total Other courses you may like BSc (Hons)/MMath (Hons) Mathematical Science with Computer Science BSc (Hons)/MMath (Hons) Mathematics and Finance BSc (Hons)/MMath (Hons) Mathematical Science with Finance and Economics BSc (Hons)/MMath (Hons) Mathematical Science with Statistics

The Civil Service, government agencies and research establishments require mathematicians, as do large corporations, public utilities and financial companies. Upon graduation, students are equipped with skills for a wide variety of careers in industry, commerce, education and research.

Course structure

Year one

In year one, students will concentrate on basic mathematical techniques.

Core modules:

- Algebra
- Ciphers and number theory
- Computational mathematics
- Functions, vectors and calculus
- Mathematical communication
- Probability and statistics
- Programming.

Year two

Core modules:

- Calculus and vector calculus
- Complex variable
- Linear algebra
- Real analysis.

Year three

Core modules:

- Mathematical methods
- Group project.

MMath (Hons) students will also study two compulsory special topics.

MMath: Year four

The MMath (Hons) Mathematical Science is an integrated Masters degree and is a four year version of the corresponding three year degree. The BSc (Hons) and MMath (Hons) have the same entry requirements in year one and students can transfer to the MMath (Hons)

after obtaining a 60% average in year two. The fourth year contains compulsory modules on special topics and a second project.

Excellent facilities have been developed so that lectures and tutorials are supported through PC-based laboratory sessions and web-based learning material. Tutorials give students an opportunity to discuss the content of their lectures or coursework with a member of our academic staff. A particular feature of our course is the weekly small-group tutorial for first year students, which provides intensive individual assistance in the early stages of the course.

Assessment is based on coursework, project work and examinations. Marks for the BSc (Hons) course are weighted in the ratio 1:3:6 for the three years to produce an overall aggregate. For the MMath (Hons) course, the marks are weighted in the ratio 1:3:6:6 for the four years. A professional placement will not contribute to the final degree classification but will be indicated on the degree certificate.

Career opportunities

The courses equip students with a range of mathematical skills. Students have gone on to various careers in business, finance, the Civil Service, teaching and accountancy.

Accreditation

Good performance in certain modules can lead to exemptions from some professional examinations of the Institute of Actuaries.

Mathematical Science with Computer Science

BSc (Hons)/MMath (Hons)

The BSc (Hons)/MMath (Hons) Mathematical Science with Computer Science gives a general introduction to a range of mathematical techniques combined with elements from modern computer science.

UCAS code
G1G4
Duration
BSc (Hons): 3 years or 4 years including a professional placement
MMath (Hons): 4 years or 5 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points ('A' Level Mathematics or Further Mathematics at grade A is required)
IB
32 points including 6 in Higher Level Mathematics
14-19 Advanced Diploma
Engineering or Business Administration and Finance at grade B/250 points; 'A' Level Mathematics at grade A/120 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total
Other courses you may like
BSc (Hons)/MMath (Hons) Mathematical Science
BSc (Hons)/MMath (Hons) Mathematics and Finance
BSc (Hons)/MMath (Hons) Mathematical Science with Finance and Economics
BSc (Hons)/MMath Mathematical Science with Statistics

This course has much in common with the BSc (Hons)/MMath (Hons) Mathematical Science, the main difference being a greater emphasis on Computer Science. The mathematical focus is as for Mathematical Science, while the Computer Science component covers a range of topics in modern computing. The majority of the Computer Science options are taken in the School of Informatics.

Course structure

Year one

In year one, students concentrate on basic mathematical techniques.

Core modules:

- Algebra
- Computation and reasoning
- Computational mathematics
- Functions, vectors and calculus
- Java
- Mathematical communication.

Year two

Core modules:

- Calculus and vector calculus
- Complex variable
- Linear algebra
- Networks and operating systems
- Systems architecture.

Year three

Core modules:

- Mathematical methods
- Group project.

MMath (Hons) students will also study two compulsory special topics.

MMath: Year four

The MMath (Hons) Mathematical Science with Computer Science is an integrated Masters degree and is a four year version of the corresponding three year degree. The BSc (Hons) and MMath (Hons) have the same entry

requirements in year one and students can transfer to the MMath (Hons) after obtaining a 60% average in year two. The fourth year of the MMath (Hons) contains compulsory modules on special topics and a second project.

Excellent facilities have been developed so that lectures and tutorials are supported through PC-based laboratory sessions and web-based learning material. Tutorials give students an opportunity to discuss the content of their lectures or coursework with a member of our academic staff.

A particular feature of our course is the weekly small-group tutorial for first year students, which provides intensive individual assistance in the early stages of the course.

Assessment is based on coursework, project work and examinations. Marks for the BSc (Hons) course are weighted in the ratio 1:3:6 for the three years to produce an overall aggregate. For the MMath (Hons) course, the marks are weighted in the ratio 1:3:6:6 for the four years. A professional placement will not contribute to the final degree classification but will be indicated on the degree certificate.

Career opportunities

The course equips students with a wide range of mathematical skills. Students have gone on to a wide range of careers in business, finance, the Civil Service, teaching and accountancy.

Mathematics and Finance

BSc (Hons)/MMath (Hons)

The BSc (Hons)/MMath (Hons) Mathematics and Finance combines mathematics with various aspects of finance and economics and focuses particularly on actuarial science.

UCAS code	GN13
Duration	BSc (Hons): 3 years or 4 years including a professional placement MMath (Hons): 4 years or 5 years including a professional placement
Entry requirements	Typical offers require one of the following: 'A' Level 360 UCAS tariff points ('A' Level Mathematics or Further Mathematics at grade A is required) IB 32 points including 6 in Higher Level Mathematics 14-19 Advanced Diploma Engineering or Business Administration and Finance at grade B/250 points; 'A' Level Mathematics at grade A/120 points In addition, the following is required: GCSE English Language grade C (or equivalent) English language requirements IELTS: 6.0 overall with a minimum of 5.5 in each component TOEFL: 87 internet-based total Other courses you may like BSc (Hons)/MMath (Hons) Mathematical Science BSc (Hons)/MMath (Hons) Mathematical Science with Computer Science BSc (Hons)/MMath (Hons) Mathematical Science with Finance and Economics BSc (Hons)/MMath (Hons) Mathematical Science with Statistics

This course provides an introduction to a wide range of mathematical techniques, a central theme being to apply abstract and logical methods to a wide variety of problems. Upon graduation, students are equipped with skills for a wide variety of careers in industry, commerce, education and research.

Course structure

Year one

In year one, students will concentrate on basic mathematical and actuarial techniques.

Core modules:

- Algebra
- Finance and investment mathematics A
- Functions, vectors and calculus
- Introduction to macroeconomics
- Introduction to microeconomics
- Probability and statistics
- Programming.

Year two

Core modules:

- Calculus and vector calculus
- Complex variable
- Finance and financial reporting A and B
- Finance and investment mathematics B
- Linear algebra.

Year three

Core modules:

- Mathematical methods
- Differential equations for finance
- Group Project.

MMath (Hons) students will also study two compulsory special topics.

MMath: Year four

The MMath (Hons) Mathematics and Finance is an integrated Masters degree and is a four year version of

the corresponding three year degree. The BSc (Hons) and MMath (Hons) have the same entry requirements in year one and students can transfer to the MMath (Hons) after obtaining a 60% average in year two. The fourth year of the MMath (Hons) contains compulsory modules on special topics and a second project.

Excellent facilities have been developed so that lectures and tutorials are supported through PC-based laboratory sessions and web-based learning material. Tutorials give students an opportunity to discuss the content of their lectures or coursework with a member of our academic staff. A particular feature of our course is the weekly small-group tutorial for first year students, which provides intensive individual assistance in the early stages of the course.

Assessment is based on coursework, project work and examinations. Marks for the BSc (Hons) course are weighted in the ratio 1:3:6 for the three years to produce an overall aggregate. For the MMath (Hons) course, the marks are weighted in the ratio 1:3:6:6 for the four years. A professional placement will not contribute to the final degree classification but will be indicated on the degree certificate.

Career opportunities

The course equips students with a wide range of mathematical skills. Students have gone on to a wide range of careers in business, finance, the Civil Service, teaching and accountancy.

Accreditation

Good performance in certain modules can lead to exemptions from some professional examinations of the Institute of Actuaries.

Mathematical Science with Finance and Economics

BSc (Hons)/MMath (Hons)

The BSc (Hons)/MMath (Hons) Mathematical Science with Finance and Economics provides an introduction to a range of mathematical techniques and various aspects of finance and economics.

UCAS code
G1L1
Duration
BSc (Hons): 3 years or 4 years including a professional placement
MMath (Hons): 4 years or 5 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points ('A' Level Mathematics or Further Mathematics at grade A is required)
IB
32 points including 6 in Higher Level Mathematics
14-19 Advanced Diploma
Engineering or Business Administration and Finance at grade B/250 points; 'A' Level Mathematics at grade A/120 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total
Other courses you may like
BSc (Hons)/MMath (Hons) Mathematical Science
BSc (Hons)/MMath (Hons) Mathematical Science with Computer Science
BSc (Hons)/MMath (Hons) Mathematics and Finance
BSc (Hons)/MMath (Hons) Mathematical Science with Statistics

This degree offers students the opportunity to study a broad range of topics in areas such as financial markets, corporate finance and various kinds of economics along with a range of mathematical techniques. Upon graduation, students are equipped to embark on a wide variety of careers.

Course structure

Year one

In year one, students will concentrate on basic mathematical techniques.

Core modules:

- Algebra
- Functions, vectors and calculus
- Introduction to macroeconomics
- Introduction to microeconomics
- Mathematical communication
- Probability and statistics
- Programming.

Year two

Core modules:

- Calculus and vector calculus
- Complex variable
- Finance and financial reporting A
- Intermediate micro- or macroeconomics
- Linear algebra.

Year three

Core modules:

- Mathematical methods
- Group Project.

MMath (Hons) students will also study two compulsory special topics.

MMath: Year four

The MMath (Hons) Mathematical Science with Finance and Economics is an integrated Masters degree and is a four year version of the corresponding three year degree. The BSc (Hons) and MMath (Hons)

have the same entry requirements in year one and students can transfer to the MMath (Hons) after obtaining a 60% average in year two. The fourth year of the MMath (Hons) contains compulsory modules on special topics and a second project.

Excellent facilities have been developed so that lectures and tutorials are supported through PC-based laboratory sessions and web-based learning material. Tutorials give students an opportunity to discuss the content of their lectures or coursework with a member of our academic staff. A particular feature of our course is the weekly small-group tutorial for first year students, which provides intensive individual assistance in the early stages of the course.

Assessment is based on coursework, project work and examinations. Marks for the BSc (Hons) course are weighted in the ratio 1:3:6 for the three years to produce an overall aggregate. For the MMath (Hons) course, the marks are weighted in the ratio 1:3:6:6 for the four years. A professional placement will not contribute to the final degree classification but will be indicated on the degree certificate

Career opportunities

The course equips students with a wide range of mathematical skills. Students have gone on to a wide range of careers in business, finance, the Civil Service, teaching and accountancy.

Accreditation

Good performance in certain modules can lead to exemptions from some professional examinations of the Institute of Actuaries.

Mathematical Science with Statistics

BSc (Hons)/MMath (Hons)

The BSc (Hons)/MMath (Hons) Mathematical Science with Statistics provides an introduction to a wide range of mathematical techniques with a particular emphasis on those aspects relating to statistics.

UCAS code
G1G3
Duration
BSc (Hons): 3 years or 4 years including a professional placement
MMath (Hons): 4 years or 5 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points ('A' Level Mathematics or Further Mathematics at grade A is required)
IB
32 points including 6 in Higher Level Mathematics
14-19 Advanced Diploma
Engineering or Business Administration and Finance at grade B/250 points; 'A' Level Mathematics at grade A/120 points
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 5.5 in each component
TOEFL: 87 internet-based total
Other courses you may like
BSc (Hons)/MMath (Hons) Mathematical Science
BSc (Hons)/MMath (Hons) Mathematical Science with Computer Science
BSc (Hons)/MMath (Hons) Mathematics and Finance
BSc (Hons)/MMath (Hons) Mathematical Science with Finance and Economics

A central theme for this degree course is to apply abstract and logical methods to a wide variety of problems. This course has much in common with the BSc (Hons)/MMath (Hons) Mathematical Science, the main difference being a greater emphasis the study of topics in statistics. Upon graduation, students are equipped with skills for a wide variety of careers in industry, commerce, education and research.

Course structure

Year one

In year one, students will concentrate on basic mathematical techniques.

Core modules:

- Algebra
- Computational mathematics
- Functions, vectors and calculus
- Mathematical communication
- Probability and statistics 1
- Programming.

Year two

Core modules:

- Calculus and vector calculus
- Complex variable
- Linear algebra
- Probability and statistics 2
- Stochastic models.

In addition, a selection of optional modules are taken from various topics in mathematics and statistics.

Year three

Core modules:

- Mathematical methods
- Group project.

MMath (Hons) students will also study two compulsory special topics.

MMath: Year four

The MMath (Hons) Mathematical Science with Statistics is an integrated

Masters degree and is a four year version of the corresponding three year degree. The BSc (Hons) and MMath (Hons) have the same entry requirements in year one and students can transfer to the MMath (Hons) after obtaining a 60% average in year two. The fourth year of the MMath (Hons) contains compulsory modules on special topics and a second project.

Excellent facilities have been developed so that lectures and tutorials are supported through PC-based laboratory sessions and web-based learning material. Tutorials give students the chance to discuss their studies with academic staff. A particular feature of our course is the weekly small-group tutorial for first year students, which provides intensive individual assistance in the early stages of the course.

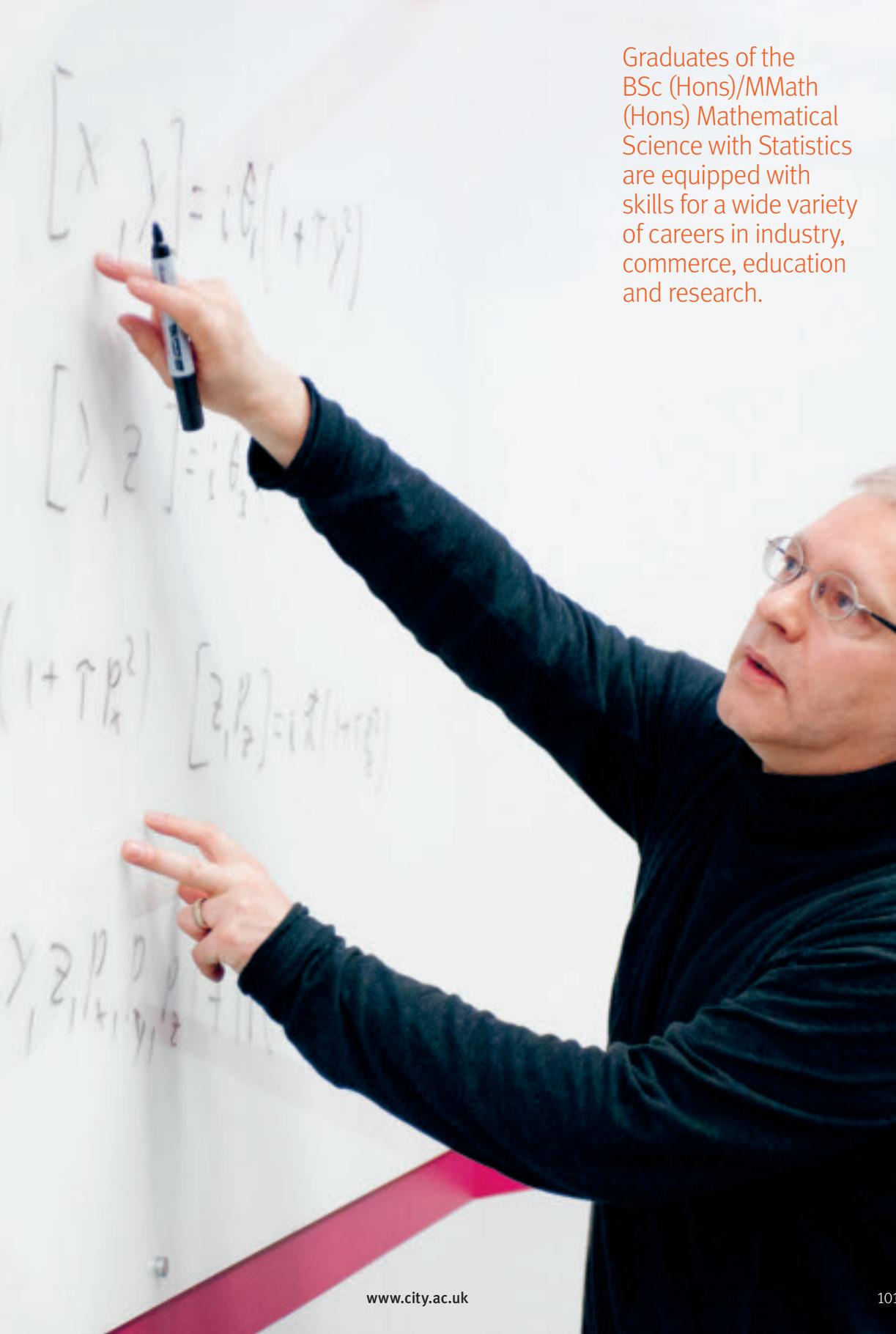
Assessment is based on coursework, project work and examinations. Marks for the BSc (Hons) course are weighted in the ratio 1:3:6 for the three years to produce an overall aggregate. For the MMath (Hons) course, the marks are weighted in the ratio 1:3:6:6 for the four years. A professional placement will not contribute to the final degree classification but will be indicated on the degree certificate.

Career opportunities

The course equips students with a wide range of mathematical skills. Students have gone on to a wide range of careers in business, finance, the Civil Service, teaching and accountancy.

Accreditation

Good performance in certain modules can lead to exemptions from some professional examinations of the Institute of Actuaries.



Graduates of the BSc (Hons)/MMath (Hons) Mathematical Science with Statistics are equipped with skills for a wide variety of careers in industry, commerce, education and research.

Mechanical and Aeronautical Engineering

Judit Busquets, 25 →

BEng Air Transport
Engineering, third year

**What is the best thing
about City?**

The multicultural community.

I'm originally from Spain and my first degree was in Aeronautical Engineering at UPC in Barcelona. After working as a mechanical engineer for two years, I decided I really wanted to get back to aviation. There were lots of reasons for choosing City to study. I wanted to be in London and also a friend was already doing the course I was interested in and she said it would be right for me.

Coming back to studying after a break was hard! But I love it now. We're pushed to work hard by the academics and developing knowledge, learning new skills and being challenged makes you feel good. London is a big city and it can be intimidating to begin with, but I really like it now and have made so many friends – we're a very international crowd.

Judit is in the Engineering laboratories. Facilities there include flight simulators, wind tunnels and structural testing equipment.



Course listing

Aeronautical Engineering BEng/MEng	106
Air Transport Engineering BEng/MEng	108
Automotive and Motorsport Engineering BEng/MEng	110
Energy Engineering BEng/MEng	112
Mechanical Engineering BEng/MEng	114



To hear more from Judit, scan page 102 using the Aurasma app on your smart device or visit www.city.ac.uk/ug2014/people

Mechanical and aeronautical engineers design, develop, operate and maintain the world's active infrastructure of society, from our cars, aircraft and ships to power stations, refrigerators and experimental atom-smashers. They develop mechanical systems that work on land, at sea, in the air and in outer space. Without them, our modern civilisation would grind to a halt. Both the mechanical and the aeronautical sectors are global enterprises, with City graduates working all over the world and with people from every culture.

Studying Mechanical and Aeronautical Engineering at City

City has been delivering well-qualified, motivated graduates into the mechanical and aeronautical sectors for over 100 years. Our courses are accredited and have received commendations on the balance between theory and practice to give graduates the best preparation for their careers. The strengths of the Mechanical and Aeronautical Engineering and more specialised Air Transport, Automotive and Energy Engineering courses are our laboratory and workshop facilities, used for teaching and research, our teaching staff, who have spent many years working in or are closely connected with industry and our commitment to a solid grounding in engineering design.

Scholarships and prizes

Scholarships are awarded every year to students who achieve good entry qualifications. Prizes awarded by the various professional engineering bodies and the University are also available to students who continue to demonstrate good academic performance throughout their studies. Details can be found at www.city.ac.uk/scholarships.

Opportunities for work placements

Students on all Mechanical and Aeronautical Engineering courses may choose to complete an industrial placement year after the second or third academic year. Placement students gain a greater understanding of the industry and this may count towards the experience requirement for a professional engineering qualification.

Research in Mechanical and Aeronautical Engineering

Professor Jamshid Nouri

Professor Jamshid Nouri is the Head of Department for Mechanical Engineering and Aeronautics and Professor of Experimental Fluid Mechanics. Within the field of experimental fluid mechanics, his expertise lies in the area of optical techniques for flow diagnosis: he has developed a refractive index matching method which allows measurement by Laser Doppler velocimetry (LDV) in dense suspension flows and flows in complex geometries. His research has also examined the flow characteristics

of multi-phase flows and Newtonian and non-Newtonian fluid flows. More recently, Professor Nouri, together with colleagues in City's School of Engineering & Mathematical Science, has focused on fluid mechanics, examining fields including internal combustion engines, gasoline and diesel fuel spray processes, centrifugal pumps and fuel injection systems.

Find out more about Mechanical and Aeronautical Engineering

Detailed information on the mechanical and aeronautical engineering sectors and the engineering profession can be obtained from:

- Royal Aeronautical Society www.aerosociety.com
- Institution of Mechanical Engineers www.imeche.org
- Engineering Council www.engc.org.uk.

Mechanical and Aeronautical Engineering Foundation courses

UCAS codes: H402 (BEng Air Transport Engineering); H302 BEng Mechanical Engineering)

For students who wish to study Mechanical or Aeronautical Engineering at City University London but do not satisfy the entry requirements, Foundation courses can be the first year of a four year BEng degree (or a five year MEng) degree. The emphasis in the Foundation courses is on developing study skills and ability in mathematics, physical sciences and engineering and computing. Students on the Foundation course mainly study at City's partner further education institution, Westminster Kingsway College. They also attend City, where they have access to laboratory facilities, the library and the Students' Union. Students who successfully complete the Foundation course may transfer onto BEng/MEng Aeronautical Engineering, BEng/MEng Air Transport Engineering, BEng/MEng Automotive and Motorsport Engineering, BEng/MEng Energy Engineering or BEng/MEng Mechanical Engineering.

For further information on the Foundation courses, including entry requirements and UCAS codes, please visit our website.



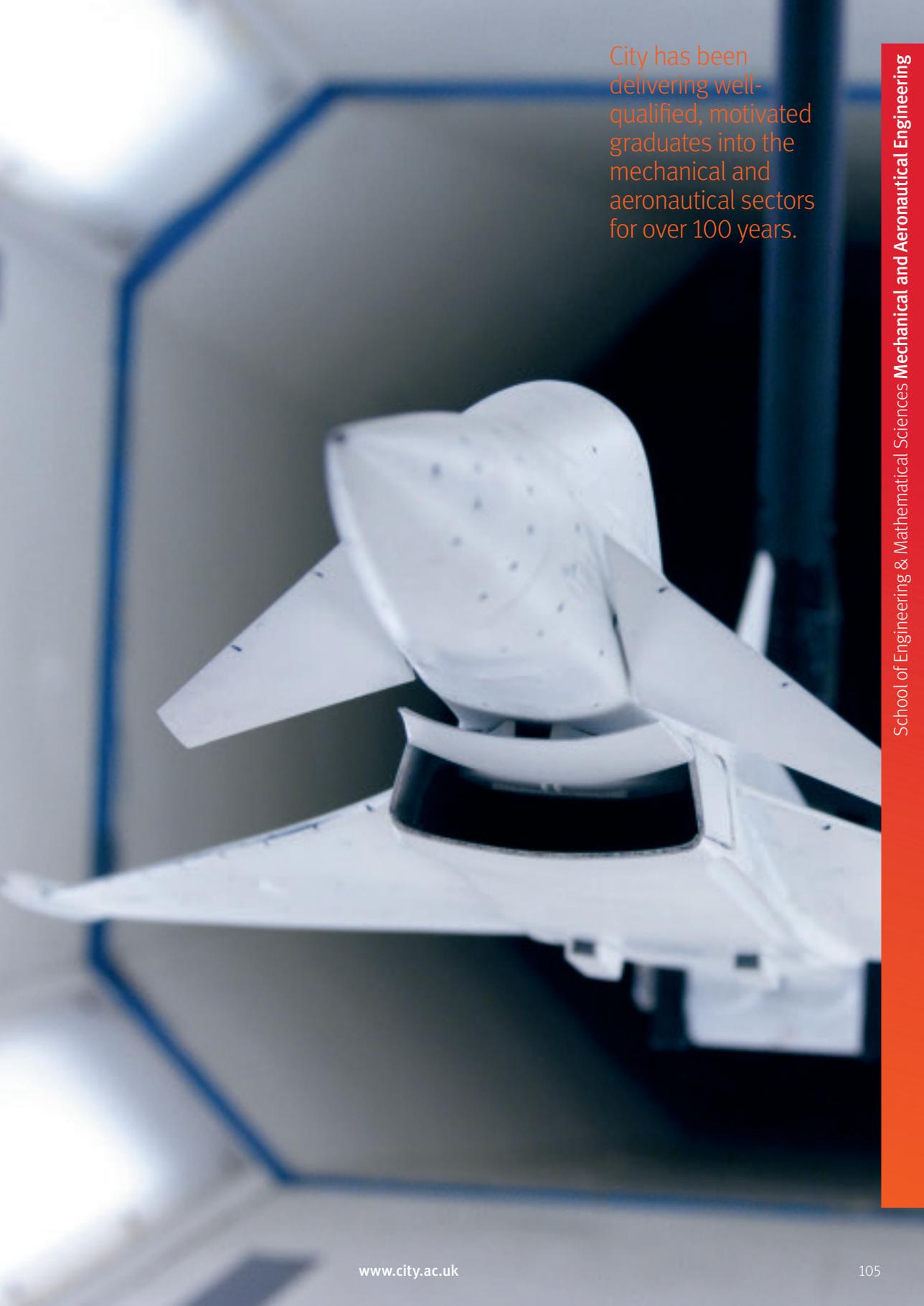
Email enquiries
semsug@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 6050



Find out more, visit
www.city.ac.uk/engineering-maths
www.city.ac.uk/courses



City has been delivering well-qualified, motivated graduates into the mechanical and aeronautical sectors for over 100 years.

Aeronautical Engineering

BEng/MEng

The BEng/MEng Aeronautical Engineering course prepares students for an exciting and rewarding career in the global aerospace industry, working on manned and unmanned aircraft and spacecraft projects.

BEng
UCAS code
H410 BEng, H401 BEng with professional placement
Duration
3 years or 4 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points ('A' Level Mathematics at grade B is required. 'A' Level Physics is desirable)
IB
30 points including 6 in Higher Level Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points. Acceptable only with 'A' Level Mathematics at grade B.
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total

MEng
UCAS code
H403 MEng, H405 MEng with professional placement
Duration
4 years or 5 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points ('A' Level Mathematics at grade A is required. 'A' Level Physics is desirable)
IB
32 points including 6 in Higher Level Mathematics
14-19 Advanced Diploma
Engineering at grade A/300 points. Acceptable only with 'A' Level Mathematics at grade A.
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total

The accredited Aeronautical Engineering courses have been developed to train students to design, analyse and test aeronautical and aerospace vehicles and associated technology. Graduates would typically expect to work in the major aircraft or aerospace manufacturers, such as Airbus or BAE Systems, managing the design, maintenance or modification of an aircraft or an aerospace system.

Other courses you may like
BEng/MEng Air Transport Engineering

Course structure

Year one

Year one provides a broad foundation in engineering concepts with a slant towards practical applications.

Core modules:

- Engineering science
- Engineering practice
- Mathematics and computation.

Year two

The second year puts increasing emphasis on aviation-related skills such as aircraft design.

Core modules:

- Aeronautical design, including applied aerodynamics and aircraft structures
- Engineering management
- Mathematics, statistics and computing
- Engineering practice.

Year three

The course becomes more specialised with a choice of subjects. As well as the group design project mentored by industry experts, the individual project allows students to investigate a subject of particular interest. BEng students with good grades at the end of the third year may transfer to the MEng course.

Options from:

- Aerodynamics
- Computational fluid dynamics
- Flight dynamics
- Gas turbine engineering.

MEng: Year four

Year four provides a multidisciplinary view of engineering design and creativity and innovation in problem-solving. Students also have the opportunity to select a greater number of specialised subjects at Masters level and a foreign language module.

The course is delivered as lectures, tutorials, group design, practical sessions and field trips. A combination of analytical, experimental, group interactive teaching and learning techniques encourage independent study, teamwork, communication, creativity and critical thinking. Courses are reviewed regularly to respond to the priority needs of the engineering marketplace, meeting the requirements of the Engineering Council. The courses are taught by staff from the Centre for Aeronautics, supported by relevant specialists and visiting staff from industry.

Assessment is by coursework and examinations. Group learning, teamwork and communication skills are assessed by design group studies, reports and presentations. Practical and technical communication skills are assessed through laboratory work, data analysis and project reports.

Career opportunities

Aeronautical engineering graduates work in all areas of the aircraft and airline industries and in other high-tech industries such as motor manufacturing and offshore oil and gas extraction. Careers in aeronautical engineering in the UK are provided by larger companies such as Airbus, BAE Systems, Rolls-Royce, AgustaWestland Helicopters and QinetiQ and by many successful small companies that supply components and services. Some graduates move on to a career in flying.

Accreditation

This course is accredited by the Royal Aeronautical Society and the Institution of Mechanical Engineers and provides a path for graduates to gain Chartered Engineer status.

Air Transport Engineering

BEng/MEng

Air transport engineering is essential for the safe and effective operation of aircraft. The course is equally applicable to prospective pilots and engineers as the industry is increasingly demanding a better understanding by new staff of the technical aspects of aircraft.

BEng
UCAS code
H422 BEng, H400 BEng with professional placement
Duration
3 years or 4 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points ('A' Level Mathematics at grade B is required. 'A' Level Physics is desirable)
IB
30 points including 6 in Higher Level Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points. Acceptable only with 'A' Level Mathematics at grade B.
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total

MEng
UCAS code
H424 MEng, H423 MEng with professional placement
Duration
4 years or 5 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points ('A' Level Mathematics at grade A is required. 'A' Level Physics is desirable)
IB
32 points including a minimum of 6 in Mathematics at Higher Level
14-19 Advanced Diploma
Engineering at grade A/300 points. Acceptable only with 'A' Level Mathematics at grade A.
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total

Graduates work in all areas of the air transport industry, including airlines, maintenance organisations and airports, focused on operations and engineering. Areas covered include global air transport strategy, the design of aircraft and systems to meet diverse operating requirements, flight safety, reliability, maintenance, the environment, regulation, airline planning and economic performance.

Other courses you may like
BEng/MEng Aeronautical Engineering

Course structure

Year one

Year one provides a broad foundation in engineering concepts with a slant towards practical applications.

Core modules:

- Engineering Science
- Engineering practice
- Mathematics and computation.

Year two

The second year puts increasing emphasis on aviation-related skills such as aircraft design.

Core modules:

- Aeronautical design, including applied aerodynamics and aircraft structures
- Engineering management
- Mathematics, statistics and computing
- Engineering practice.

Students will also take a course in flight testing. Industrial lectures given by experts from the aerospace industry are part of aeronautical design teaching.

Year three

The course becomes more specialised with a choice of subjects. As well as the group design project mentored by industry experts, the individual project allows students to investigate and develop in depth a subject of particular interest. BEng students with good grades at the end of the third year may transfer to the MEng course.

Core modules:

- Air transport operations
- Airworthiness and maintenance
- Avionics and control
- System reliability and safety.

MEng: Year four

Year four provides a multi-disciplinary view of engineering design and creativity and innovation in problem-solving. Students also have the opportunity to select specialised subjects at Masters level and a foreign language module.

The course is delivered as lectures, tutorials, group design, practical sessions and field trips. A combination of analytical, experimental, group interactive teaching and learning techniques encourages independent study, teamwork, communication, creativity and critical thinking.

Courses are reviewed regularly to respond to the priority needs of the engineering marketplace, meeting the requirements of the Engineering Council.

Assessment is by coursework and examinations. Group learning, teamwork and communication skills are assessed by design group studies, reports and presentations. Practical and technical communication skills are assessed through laboratory work, data analysis and project reports.

Career opportunities

Graduates can expect to progress to careers in many areas of the air transport industry, including licensed engineer, flight crew, maintenance planning, air traffic control, flight operations and ground handling.

Accreditation

This course is accredited by the Royal Aeronautical Society and the Institution of Mechanical Engineers and provides a path for graduates to gain Chartered Engineer status.

Automotive and Motorsport Engineering

BEng/MEng

This course is designed for students who have an interest in the automotive, fuel and transport industries and/or motorsport.

BEng
UCAS code
H331 BEng, H335 BEng with professional placement
Duration
3 years or 4 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points ('A' Level Mathematics at grade B is required. 'A' Level Physics is desirable)
IB
30 points including 6 in Higher Level Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points. Acceptable only with 'A' Level Mathematics at grade B.
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total

MEng
UCAS code
H330 MEng, H334 MEng with professional placement
Duration
4 years or 5 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points ('A' Level Mathematics at grade A is required. 'A' Level Physics is desirable)
IB
32 points including 6 in Higher Level Mathematics
14-19 Advanced Diploma
Engineering at grade A/300 points. Acceptable only with 'A' Level Mathematics at grade A.
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total

The accredited Automotive and Motorsport Engineering courses are designed to train students to work in the exciting and dynamic automotive and motor racing industry. Graduates will typically be employed in a car manufacturing company, managing the design and development of the next generation vehicles, or in the motorsport sector, with one of the race teams. The course is closely associated with the international IMechE Formula Student competition.

Other courses you may like
BEng/MEng Energy Engineering
BEng/MEng Mechanical Engineering
BEng/MEng Aeronautical Engineering

Course structure

Year one

Year one provides a broad foundation in engineering concepts with a slant towards practical applications.

Core modules:

- Engineering Science
- Engineering practice
- Mathematics and computation.

Year two

The second year puts increasing emphasis on application to complex mechanical systems.

Core modules:

- Engineering management
- Mathematics, statistics and computing
- Mechanical and vehicle design, culminating in a team-based mechanical design and build competition
- Engineering practice.

Year three

The course becomes more specialised in year three, with a detailed focus upon automotive disciplines. As well as group design projects, the individual project allows students to investigate a subject of particular interest. As part of the international IMechE Formula Student competition, students will have the opportunity to join the City Racing Team in designing, building, marketing and racing a single-seater racing car at Silverstone. BEng students with good grades at the end of the third year may transfer to the MEng course.

Core modules:

- Chassis engineering
- Internal combustion engines and vehicle powertrain
- Vehicle dynamics
- Vehicle engineering and design.

MEng: Year four

Year four provides a multidisciplinary view of engineering design and creativity and innovation in problem-solving. Students also have the opportunity to select several specialised subjects at Masters level and a foreign language module.

The course is delivered as lectures, tutorials, group design, practical sessions and field trips. A combination of analytical, experimental, group interactive teaching and learning techniques encourages independent study, teamwork, communication, creativity and critical thinking.

Courses are reviewed regularly to respond to the priority needs of the engineering marketplace, meeting the requirements of the Engineering Council. Students learn from academics from the Energy and Transport Research Centre, supported by relevant specialists and visiting members of industry.

Assessment is by coursework, classroom tests and examinations. Group learning, teamwork and communication skills are assessed by design group studies, reports and presentations. Practical and technical communication skills are assessed through laboratory work, data analysis and project reports.

Career opportunities

Automotive and motorsport engineering graduates work predominantly in the automotive industry. They are typically involved in automotive component research, product and process design and manufacturing, with a growing emphasis on engineering sustainability.

Accreditation

The course is accredited by the Institution of Mechanical Engineers and provides the path for graduates to gain Chartered Engineer status.

Energy Engineering

BEng/MEng

This course is designed for students who have an interest in energy and power production and management.

BEng
UCAS code
HJ39 BEng
Duration
3 years or 4 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points ('A' Level Mathematics at grade B is required. 'A' Level Physics is desirable)
IB
30 points including 6 in Higher Level Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points. Acceptable only with 'A' Level Mathematics at grade B.
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total

MEng
UCAS code
JH93 MEng
Duration
4 years or 5 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points ('A' Level Mathematics at grade A is required. 'A' Level Physics is desirable)
IB
32 points including a 6 in Higher Level Mathematics
14-19 Advanced Diploma
Engineering at grade A/300 points. Acceptable only with 'A' Level Mathematics at grade A.
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total

The accredited Energy Engineering courses are designed to train students for managing technical and scientific projects associated with the generation of power and the management of vital energy resources. Graduates will typically be employed in an electricity power generation company or an oil and gas company, managing the design, development, maintenance and operation of technology such as a power station or a wind turbine farm.

Other courses you may like
BEng/MEng Mechanical Engineering
BEng/MEng Automotive and Motorsport Engineering

Course structure

Year one

Year one provides a broad foundation in engineering concepts with a slant towards practical applications.

Core modules:

- Engineering Science
- Engineering practice
- Mathematics and computation.

Year two

The second year puts increasing emphasis on application to complex mechanical systems.

Core modules:

- Engineering science
- Mathematics, statistics and computing
- Mechanical design, culminating in a team-based mechanical design and build competition
- Engineering practice.

Year three

The course becomes more specialised in year three, with a detailed focus on energy disciplines. As well as group design projects, the individual project allows students to investigate a subject of particular interest. BEng students with good grades at the end of the third year may transfer to the MEng course.

Core modules:

- Energy management
- Renewable energy
- System reliability
- Turbomachinery and heat transfer.

MEng: Year four

Year four provides a multidisciplinary view of engineering design and creativity and innovation in problem-solving. Students also have the opportunity to select a greater number of specialised subjects at Masters level and a foreign language module.

The course is delivered as lectures, tutorials, group design, practical sessions and field trips. A combination of analytical, experimental, group interactive teaching and learning techniques encourages independent study, teamwork, communication, creativity and critical thinking.

Courses are reviewed regularly to respond to the priority needs of the engineering marketplace, meeting the requirements of the Engineering Council. Students learn from academics from the Energy and Transport Research Centre, supported by relevant specialists and visiting members of industry.

Assessment is by means of coursework and examinations. Group learning, teamwork and communication skills are assessed by design group studies, reports and presentations. Practical and technical communication skills are assessed through laboratory work, data analysis and project reports.

Career opportunities

Energy Engineering graduates work in many industries, most obviously transport, power and fuel. They are involved in research, energy management, auditing, power plant design, maintenance, decommissioning, sustainability assessment, process design and management.

Accreditation

The course is accredited by the Institution of Mechanical Engineers and provides the path for graduates to gain Chartered Engineer status.

Mechanical Engineering

BEng/MEng

This course is designed for students who have an interest in transport, energy, materials, industrial design and the manufacturing of industrial and commercial products.

BEng
UCAS code
H300 BEng, H301 BEng with professional placement
Duration
3 years or 4 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
340 UCAS tariff points ('A' Level Mathematics at grade B is required. 'A' Level Physics is desirable)
IB
30 points including 6 in Higher Level Mathematics
14-19 Advanced Diploma
Engineering at grade B/250 points. Acceptable only with 'A' Level Mathematics at grade B.
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total

MEng
UCAS code
H304 MEng, H305 MEng with professional placement
Duration
4 years or 5 years including a professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points ('A' Level Mathematics at grade A is required. 'A' Level Physics is desirable)
IB
32 points including 6 in Higher Level Mathematics
14-19 Advanced Diploma
Engineering at grade A/300 points. Acceptable only with 'A' Level Mathematics at grade A.
In addition, the following is required:
GCSE
English Language grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total

The accredited Mechanical Engineering courses are designed to train students to work in the transport, energy, materials and manufacturing industries, including the aerospace and automotive industries. While Aeronautical, Automotive and Energy Engineering courses at City educate for careers in specific industries, the Mechanical Engineering degrees provides broad training in the important disciplines spanning all sectors of mechanical engineering. Mechanical Engineers can also work in the aircraft, automotive and energy industries.

Other courses you may like
BEng/MEng Automotive and Motorsport Engineering
BEng/MEng Energy Engineering

Course structure

Year one

Year one provides a broad foundation in engineering concepts with a slant towards practical applications.

Core modules:

- Engineering Science
- Engineering practice
- Mathematics and computation.

Year two

The second year puts increasing emphasis on application to complex mechanical systems.

Core modules:

- Engineering science
- Mathematics, statistics and computing
- Mechanical design, culminating in a team-based mechanical design and build competition
- Engineering practice.

Year three

As well as group design projects, a feature of year three is the individual project, allowing students to investigate a subject of particular interest. As part of the international IMechE Formula Student competition, students will have the opportunity to join the City Racing Team in designing, building, marketing and racing a single-seater racing car at Silverstone. BEng students with good grades at the end of the third year may transfer to the MEng course.

Core modules:

- Mechanical structures
- Mechatronics
- System reliability
- Turbomachinery and heat transfer.

Plus options from the Energy Engineering and Automotive and Motorsport Engineering courses.

MEng: Year four

Year four provides a multidisciplinary view of engineering design and creativity and innovation in problem-solving. Students also have the opportunity to select a greater number of specialised subjects at Masters level and a foreign language module.

The course is delivered as lectures, tutorials, group design, practical sessions and field trips. A combination of analytical, experimental, group interactive teaching and learning techniques encourage independent study, teamwork, communication, creativity and critical thinking.

Courses are reviewed regularly to respond to the priority needs of the engineering marketplace, meeting the requirements of the Engineering Council. Students learn from academics from the Energy and Transport Research Centre, supported by relevant specialists and visiting members of industry.

Assessment is by coursework and examinations. Group learning, teamwork and communication skills are assessed by design group studies, reports and presentations. Practical and technical communication skills are assessed through laboratory work, data analysis and project reports.

Career opportunities

Mechanical engineering graduates work in industries such as transport, power, manufacturing, aerospace, automotive and fuel. They are involved in research, product and process design, manufacturing, maintenance, decommissioning, sustainability assessment and management.

Accreditation

The course is accredited by the Institution of Mechanical Engineers and provides the path for graduates to gain Chartered Engineer status.

Midwifery



Course listing

Midwifery BSc (Hons)

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Danielle Berry, 24
BSc (Hons) Midwifery,
second year.



What is the best thing about the course so far?
Ten deliveries!

When I decided I wanted to be a midwife, I did an access course and then went straight on to the midwifery course. It's been a huge learning experience and definitely character building – you can face situations that are very testing. I'm hoping to get a job with Barts Health NHS Trust, where I am on placement at the moment. I'd like to work with the Gateway Team, which looks after women with social or mental health issues.

Daniella Goldring, 23
BSc (Hons) Midwifery,
second year.



What do you love about your degree?

It feels like we're making a difference while learning

After completing a degree in psychology, I decided I wanted to become a midwife. The course is very hard work: it's 60 per cent practical and 40 per cent theory and we work 12 hour days in the hospital three or four days a week. We were definitely thrown in at the deep end from the start, though we always work closely with qualified midwives. We have to deliver 40 babies by the time we finish. So far I've delivered nine.

Midwives support women, parents and families at one of the most crucial times of their lives, during pregnancy, childbirth and the postnatal period. Midwives play a vital role in promoting and maintaining health, facilitating normal childbirth and helping women make informed choices about their care. Midwifery is a rewarding and challenging career in which midwives can make a positive contribution to the lives of every child and parent in their care.



Email enquiries
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Telephone enquiries
+44 (0) 20 7040 5000



Find out more, visit
www.city.ac.uk/health
www.city.ac.uk/courses

Studying Midwifery at City

The BSc (Hons) Midwifery at City has an innovative and responsive course design and curriculum. Students are supported by hi-tech facilities including a simulated ward where they can prepare for work in a hospital environment. Our students are highly employable, with graduates starting on an annual average salary of £29,500. The course is delivered by academics who are leaders in the field of midwifery.

Opportunities for work placements

Sixty per cent of course time is spent gaining practice experience through clinical placements. This takes place in settings such as hospitals, birthing centres, clinics, clients' homes and GP surgeries, working with a diverse and complex population. Students gain a unique work experience through clinical placements in London's leading hospitals and community settings such as Barts Health NHS Trust, Homerton University Hospital NHS Foundation Trust and University College London Hospitals NHS Foundation Trust.

Tuition fees for Midwifery

Tuition fees for home and EU students studying the BSc (Hons) Midwifery are paid by the NHS. Students may be entitled to a means-tested bursary from the NHS: please see www.nhsbsa.nhs.uk for more information.

Research in Midwifery

Ms Judith Sunderland

Ms Judith Sunderland is the Programme Manager for Midwifery and Lead Midwife for Education. Her work provides just one example of the varied and innovative research in Midwifery that is carried out by academic staff in the School of Health Sciences. During her career as a midwife Ms Sunderland developed an interest in HIV and pregnancy. She was involved in the implementation of antenatal HIV testing in pregnancy and the care and management of women who were diagnosed as a result of this process. Her research has focused on women diagnosed with HIV during the asylum process. Ms Sunderland has been a Lecturer in Midwifery in City's School of Health Sciences since 2004 and she continues to practice through her work in a family planning clinic.

Find out more about Midwifery

NHS Careers is an excellent resource for those wishing to find out about careers in health www.nhscareers.nhs.uk. Visit the midwifery pages to find out more about the skills required to be a midwife, download brochures, read real-life stories and access further weblinks to organisations such as the Nursing and Midwifery Council (NMC) and Royal College of Midwives.

Midwifery

BSc (Hons)

This degree prepares students for a challenging and rewarding career as a midwife. Students combine theoretical study with clinical experience in a range of settings working with London's diverse populations in leading hospitals and community settings.

UCAS code
B715
Duration
3 years
Entry requirements
Typical offers require one of the following:
'A' Level
320 UCAS tariff points (typically ABB at 'A2' Level. 'A' or 'AS' Levels in Biological Sciences or Social Sciences are preferred)
IB
33 points
Access to HE Diploma
Nursing, Midwifery, Health or Social Care subject
BTEC
Extended Diploma DDM
In addition the following is required:
GCSE
5 GCSEs at grade C (or equivalent), including English Language and Mathematics
English language requirements
IELTS: 7 overall with a minimum of 7 in each component
TOEFL: 110 internet-based total
Special entry requirements
Students are required to have occupational health and enhanced disclosure and barring service clearance. Academic and character references are also required.
Other courses you may like
BSc (Hons) Nursing

Facilities include the Clinical Skills Centre, with state-of-the-art laboratories where students can rehearse practical caring skills prior to their placements. The School was formerly known as the St Bartholomew School of Nursing and Midwifery; our students continue to benefit from the legacy of this 120 year partnership.

Course structure

Year one

Students develop skills, professional knowledge and an understanding of the midwife's role, working in partnership with women and multidisciplinary teams. An introduction to the fundamental principles of midwifery care, including normal childbirth, is included.

Core modules:

- Essentials of applied human biology in midwifery
- Health and society (midwifery)
- Introduction to the delivery of professional midwifery
- Introduction to practice knowledge and skills in midwifery
- Orientation to midwifery course.

Year two

Students develop their identity as a midwife. Wider issues such as women's health and the public health role of the midwife are covered. Students are able to recognise the value and importance of working within a multiprofessional team to ensure the best possible outcome for women and babies when complexities arise.

Core modules:

- Excellence in midwifery practice, pathology and related pharmacology

- Progressing professional midwifery knowledge
- Psychological and sociological perspectives of professional midwifery practice.

Year three

Students gain competence in caring for women who choose to have midwifery-led care, including home birth as a mode of delivery. Students are supported to develop their autonomy and accountability as a midwife.

Core modules:

- Consolidating professional midwifery knowledge
- Developing professional autonomy and leadership in midwifery
- Leadership, ethics and law within professional midwifery practice
- Literature review project (midwifery).

Each module is assessed using a range of methods including written assignments, simulations, examination, practice-based assessments and skills assessments. A literature-based study of 6,000 words is required in the final year.

Career opportunities

City ranks highly for graduate employability. Career prospects are excellent, with our graduates going on to employment with Trusts including Barts Health NHS Trust, Homerton University Hospital NHS Foundation Trust and University College London Hospitals NHS Foundation Trust.

Accreditation

Successful graduates will be registered by the Nursing and Midwifery Council (NMC), which provides an internationally recognised professional qualification.

Students on the BSc (Hons) Midwifery combine theoretical study with clinical experience in a range of settings.



Music

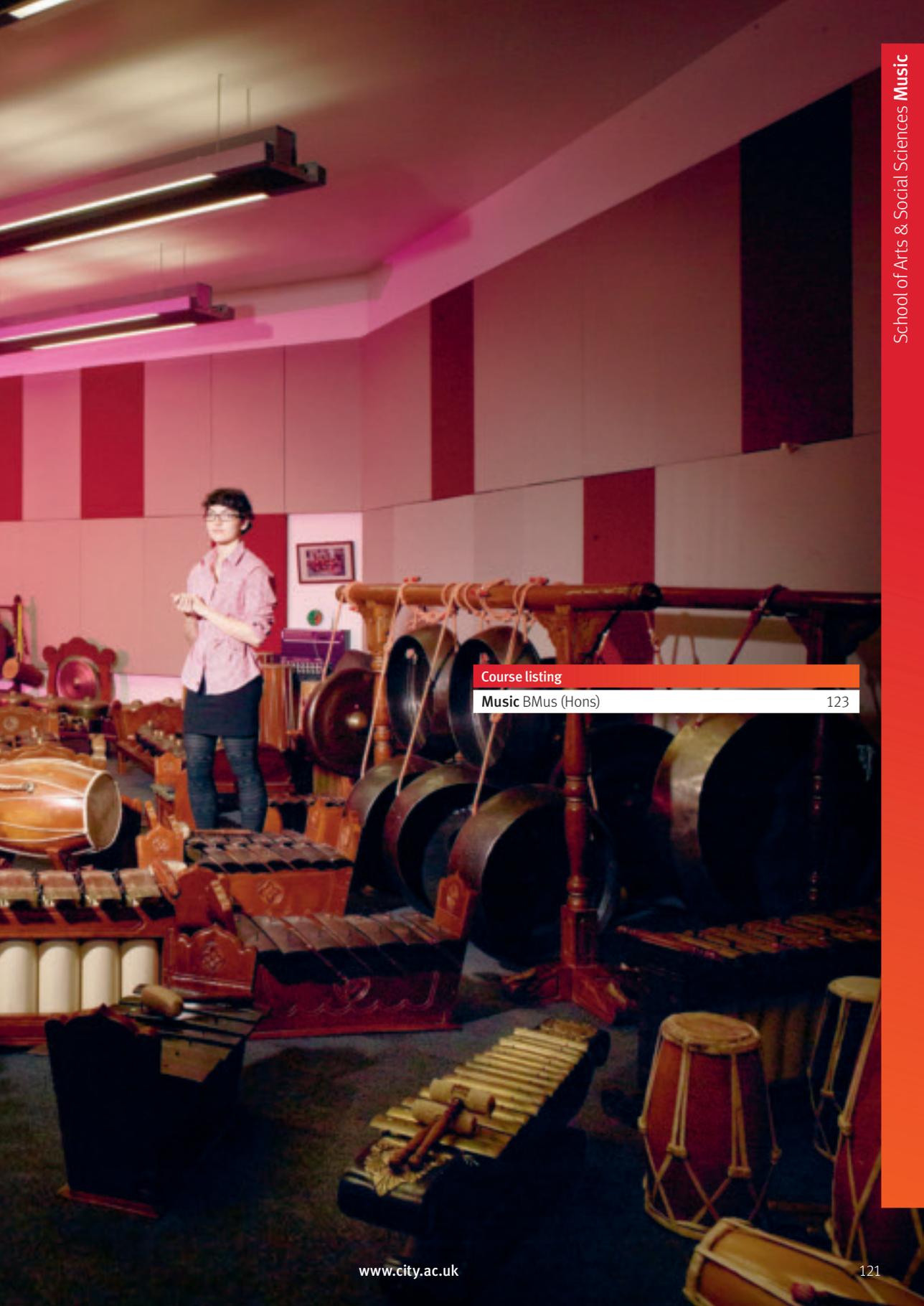
Marianne Canning, 24 →
BMus (Hons) Music, third year

My time at City:

Has opened my eyes to how many avenues of work there are for me!

The music course at City offered a very wide range of subjects, which is what I was looking for as it means I've been able to broaden or focus my studies as I've gone along. One thing I really like about City is how integrated it is with the local community and music students often perform at local venues and events. Also, thanks to City, I was able to work as an audio assistant at the Olympics.

Marianne is in the Gamelan Room. Alongside the Gamelan orchestra pictured, the Centre for Music Studies also has a large collection of percussion instruments from around the world, grand pianos, sitars as well as a range of Renaissance and Baroque instruments.



Course listing

Music BMus (Hons)

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Music concerns the study of the many different aspects of the discipline as it exists in today's multicultural and technological society: performance, music history, world music studies, music in popular culture, music technology and composition. Studying Music at degree level requires the expansion of knowledge and experience in all of these areas, whether the student ultimately wishes to specialise in one field, such as performance, or to diversify across several. Strong writing, analytical, teamwork, presentation and communication skills are also developed.



Email enquiries
music@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 0223



Find out more, visit
www.city.ac.uk/music
www.city.ac.uk/courses

Studying Music at City

The BMus (Hons) Music degree offered at City adopts a global and interdisciplinary approach to music, including the study of popular, film and world music and Western classical traditions. It offers exciting new perspectives on the world of sound, interpreting music in its widest sense as part of our general environment. The course is delivered by academics who are internationally recognised as leaders in their fields.

Opportunities for work placements

The second year elective module, Professional and community music study, offers students the opportunity to undertake a work placement in order to gain experience of a music-related work environment, to reflect on the skills and experiences they have acquired and to engage directly with their possible future career plans. Recent students have undertaken placements at schools, arts centres, music festivals, theatres and publishing houses and in artistic management and music journalism.

Research in Music

Professor Stephen Cottrell

Professor Stephen Cottrell is Professor of Music and Head of the Department of Creative Practice & Enterprise. During a freelance musical career spanning nearly two decades he earned an international reputation as a saxophonist performing contemporary music, particularly as leader of the Delta Saxophone Quartet. He is an *Associate Editor* of the journal *Twentieth-Century Music*, on the executive committee of the British Forum for Ethnomusicology and an Artistic Advisor to the record label Saxophone Classics. Professor Cottrell's research interests include ethnographic approaches to musicians and music-making, particularly within the Western art music tradition; the study of musical instruments, particularly the saxophone; and the study and analysis of musical performance via recordings. His published books include the critically-acclaimed *Professional Music-making in London: Ethnography and Experience*, and *The Saxophone*.

Find out more about Music

- Good introductory texts on music include Trevor Herbert's *Music In Words: A Guide to Researching and Writing about Music* (Associated Board of the Royal Schools of Music, 2001), Nicholas Cook's *Music: A Very Short Introduction* (Oxford University Press, 2000) and Philip V. Bohlman's *World Music: A Very Short Introduction* (Oxford University Press, 2002).
- Recommended websites include Grove Music Online www.oxfordmusiconline.com. Subscription required.

Music

BMus (Hons)

The BMus (Hons) Music is delivered in the Centre for Music Studies, a renowned environment for the practical and academic study of music.

UCAS code
W300
Duration
3 years
Entry requirements
Typical offers require the following:
'A' Level
340 UCAS tariff points (typically AAB-BBB at 'A' Level including Music, or equivalent BTEC Music qualifications, plus a recognised performance qualification)
IB
32 points
In addition, the following is required:
GCSE
English Language at grade C (or equivalent)
English language requirements
IELTS: 6.0 overall with a minimum of 6.0 in the writing component and 5.5 in all other components
TOEFL: 87 internet-based total
Special entry requirements
Grade 7 practical music examination or demonstration of an equivalent standard

Other courses you may like
BA (Hons) Cultural and Creative Industries

It allows students to immerse themselves in every aspect of music, providing teaching, training and research whose value lies in contemporary relevance, application and usefulness. The diversity of the educational offering and the focus on employability skills ensures students are equipped to pursue a range of future careers. Private performance lessons with instrumental and vocal teachers from the Guildhall School of Music and Drama are offered for students pursuing solo performance. There are excellent graduate prospects, exceptional academics and outstanding facilities in a central London location.

Course structure

During the first year, all students follow the same broad-ranging course. For the second and third years, students plan a tailored programme of study comprising a set number of elective modules drawn from an extensive offering.

Year one

Solo and ensemble performance:

- All first-year students with Grade 8 practical music examination or an equivalent standard can choose to receive fully-funded solo performance lessons with a leading instrumental or vocal teacher, including tutors from the Guildhall School of Music and Drama
- All students are expected to participate and perform in some of the department's wide range of classical and world music ensembles as part of the core experience of the course.

Year two and final year

- Elective modules: students choose from an extensive range of modules

in cultural studies, performance composition and applied music studies, delivered by acknowledged specialists in their fields. Cultural studies modules encompass classical music, music in popular cultures and world music studies

- The major project is an important focus of third year work. Students specialise in one or two areas of composition, performance or dissertation. The dissertation option allows in-depth research in an area related to any aspect of music.

Throughout the three years, assessment is by a combination of project-based or practical and creative work and examinations or coursework. Marks obtained in the second and third years contribute to the final degree awarded. Students receive a considerable amount of tuition in small groups and individually to maximise contact and to enable them to tailor their work to personal interests.

Career opportunities

The degree structure enables students to explore a wide range of music-related careers. Graduates include performers, composers, secondary school music teachers, peripatetic instrumental/vocal teachers, music examiners, orchestral conductors, administrators, royalty-tracking consultants, music therapists, sound recording engineers and music technicians. Many pursue further study at postgraduate level. As a result, 95 per cent of our music graduates were in employment or further study six months after graduation (UniStats, 2012).

Nursing

Amy Lovegrove, 19
BSc (Hons) Child Nursing,
first year



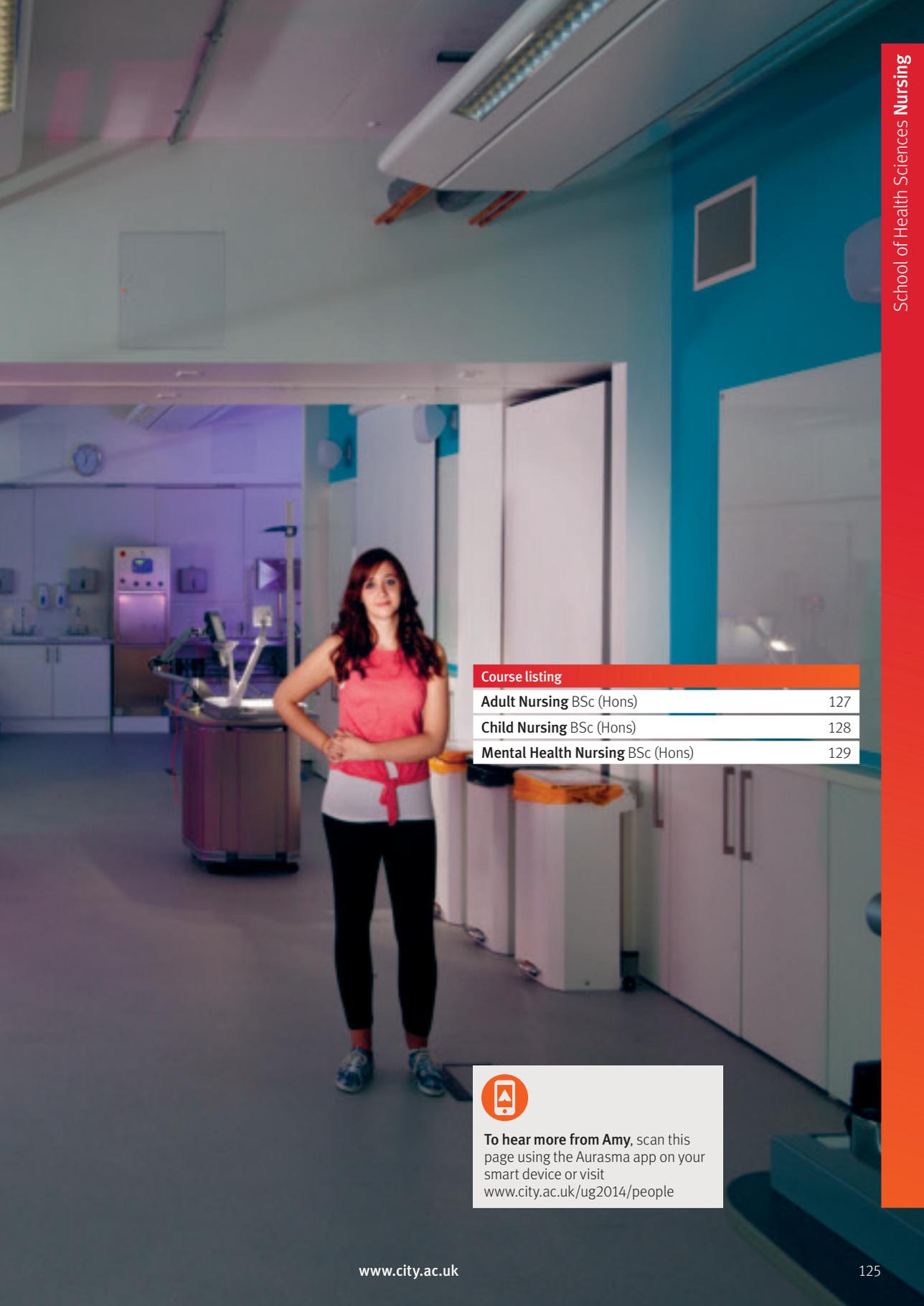
What are you most looking forward to?
My placements.

I've wanted to do nursing for a long time. My mum works in mental health and my aunt is a child nurse. Also, I spent a lot of time in hospital when I was growing up. I have hypermobility, which means my joints dislocate very easily and the nurses were always so lovely and dedicated when I was in hospital that I decided that was what I wanted to do too.

The reason I chose City was that it came highest in the *Guardian's* ranking for nursing degrees in London. So I applied and got in! I've only just started, but I love it already. The course is really hands on, my halls are just across the road and we're right in the middle of London.

I've also joined the Central City All Stars cheerleading squad, so I'll be cheering City's sports teams on through the year.

Amy is in the Clinical Skills Centre, a simulated ward used by students in the School of Health Sciences preparing for their placements.

**Course listing**

Adult Nursing BSc (Hons)	127
Child Nursing BSc (Hons)	128
Mental Health Nursing BSc (Hons)	129



To hear more from Amy, scan this page using the Aurasma app on your smart device or visit www.city.ac.uk/ug2014/people

A career in nursing puts graduates at the forefront of modern healthcare delivery. It is a challenging and rewarding profession that makes a real difference to people's lives. It is much more than a job – it is a life-long career in which nurses can develop their skills and interests within a range of specialisms. Nurses work in a range of health settings from hospitals and schools to patients' homes, with the opportunity to work in rural, urban and overseas settings.

Studying Nursing at City

City offers three nursing degrees, in adult, child and mental health nursing. We equip students with the general and specialist skills required to practise with competence and confidence and excel in the nursing profession. Students gain work experience through clinical placements in London's leading hospitals and community settings, working with a diverse and complex population. City is ranked 1st in London for Nursing (*Guardian University Guide 2013*). City students are highly employable, with graduates starting on an annual average salary of £25,000 in varied roles such as intensive care nurse, paediatric nurse, mental health nurse and community staff nurse. The course is taught by academics who are leaders in the field of nursing.

Opportunities for work placements

Half of students' time is spent gaining practice experience through clinical placements. This takes place in settings such as acute care, GP surgeries, nursing homes, private hospitals, patients' homes and the community. Adult and child nursing placements take place within City's "community of practice", a partnership of healthcare providers in Central and North East London including Barts Health NHS Trust, University College London Hospitals NHS Foundation Trust and Homerton University Hospital NHS Foundation Trust. Mental health nursing placements are with the East London Foundation NHS Trust.

Tuition fees for Nursing

Tuition fees for home and EU students studying the BSc (Hons) Adult Nursing, Child Nursing or Mental Health Nursing are paid by the NHS. Students may be entitled to a means-tested bursary from the NHS: please see www.nhsbsa.nhs.uk for more information.

Research in Nursing

Professor Alan Simpson

Academic staff at City's School of Health Sciences undertake research across the fields of adult, child and mental health nursing. Professor Alan Simpson, who is Professor of Collaborative Mental Health Nursing at City, explores how the users of mental health services can be more involved in the planning and implementation of their care. A recent project, piloted in the East London NHS Foundation Trust, examined for the first time the effectiveness of peer support in mental health nursing: service users were given training to allow them to provide support to recently-discharged patients making the transition from hospital back to their homes. Professor Simpson's emphasis on collaboration does not extend solely to his research area; rather, it is at the heart of his research methodology. Service users and practitioners are involved in every stage of the research process, from the identification of hypotheses to the design and development of studies, the analysis and interpretation of findings and finally the dissemination of results and the formulation of recommendations. Professor Simpson's focus on some of the most challenging contemporary issues in mental healthcare ensures that his students on the BSc (Hons) Mental Health Nursing are equipped for their future careers in this profession.

Find out more about Nursing

NHS Careers is an excellent resource for those wishing to find out about careers in health www.nhs-careers.nhs.uk.

Visit the nursing pages to find out more about the skills required to be a nurse, download brochures, read real-life stories and access further weblinks to organisations such as the Nursing and Midwifery Council (NMC) and Royal College of Nursing.



Email enquiries
health@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 5000



Find out more, visit
www.city.ac.uk/health
www.city.ac.uk/courses

Adult Nursing

BSc (Hons)

This degree prepares students for a fulfilling and rewarding career caring for adults of all ages who have had injuries, suffered accidents, acquired disease or have a range of healthcare needs.

UCAS code
B701
Duration
3 years
Entry requirements
Typical offers require one of the following:
'A' Level
280 UCAS tariff points (typically BBC at 'A2' level. 'A' or 'AS' Levels in Biological Sciences or Social Sciences are preferred)
IB
32 points
Access to HE Diploma
Nursing, Midwifery, Health or Social Care subject
BTEC
Extended Diploma DDM
In addition, the following is required:
GCSE
5 GCSEs at grade C (or equivalent), including English Language and Mathematics
English language requirements
IELTS: 7 overall with a minimum of 7.0 in each component
TOEFL: 110 internet-based total
Special entry requirements
Students are required to have occupational health and enhanced disclosure and barring service clearance. Academic and character references are also required.

Students combine theoretical study with clinical experience in a range of settings working with London's diverse populations in leading hospitals and community settings. Facilities include the Clinical Skills Centre, with state-of-the-art laboratories where students can rehearse practical caring skills prior to their placements. The School was formerly known as the St Bartholomew School of Nursing and Midwifery; our students continue to benefit from the legacy of this 120 year partnership.

Course structure

Year one

The first year focuses on relationship-centred care and considers the psychological, social and biological factors influencing health. There is an opportunity for simulated practice and a practice placement.

Year two

In the second year, students continue to explore these themes in the context of acute and long-term care.

Final year

In the final year, the emphasis is on leading and managing in professional practice. Students will undertake a 6,000 word dissertation.

As part of the clinical placement experience, students spend the final 12 weeks of the course on a practice area of their choice, subject to availability. Students will have a placement base, with opportunities to identify practice experiences with their mentor.

The course is delivered by expert staff through lectures, facilitated group work and enquiry-based learning opportunities with access to online course materials, resources, interactive activities and assessment and communication tools. The Clinical Skills Online (CSO) resource provides step-by-step video demonstrations on clinical skills.

Assessment includes written reports, reflective essays, group presentations and multiple choice exams. Practice is assessed by the student's mentor and practice tutor and by an Objective Structured Clinical Examination (OSCE) in a simulated environment.

Career opportunities

The BSc (Hons) opens up a variety of fascinating career opportunities including the chance to study an advanced practice MSc in a specialist area at City.

Accreditation

Successful graduates will be registered by the Nursing and Midwifery Council (NMC), which provides an internationally recognised professional qualification.

Other courses you may like

- BSc (Hons) Child Nursing
- BSc (Hons) Mental Health Nursing
- BSc (Hons) Midwifery

Child Nursing

BSc (Hons)

This degree prepares students for a fulfilling and rewarding career caring for children up to the age of 16 and supporting their families.

UCAS code
B703
Duration
3 years
Entry requirements
Typical offers require one of the following:
'A' Level
280 UCAS tariff points (typically BBC at 'A2' Level. 'A' or 'AS' Levels in Biological Sciences or Social Sciences are preferred)
IB
32 points
Access to HE Diploma
Nursing, Midwifery, Health or Social Care subject
BTEC
Extended Diploma DDM
In addition, the following is required:
GCSE
5 GCSEs at grade C (or equivalent), including English Language and Mathematics
English language requirements
IELTS: 7 overall with a minimum of 7.0 in each component
TOEFL: 110 internet-based total
Special entry requirements
Students are required to have occupational health, enhanced disclosure and barring service clearance. Academic and character references are also required.

Children's nurses need to be versatile and resilient as they care for children with acute or long-term health problems, mental ill-health or special needs or who are terminally ill. Students combine theoretical study with clinical experience in a range of settings working with London's diverse populations in leading hospitals and community settings. Placements include the newly refurbished Barts and The London Children's Hospital, which cares for over 40,000 children a year. Facilities include the Clinical Skills Centre, with state-of-the-art laboratories where students can rehearse practical caring skills prior to their placements. The School was formerly known as the St Bartholomew School of Nursing and Midwifery; our students continue to benefit from the legacy of this 120 year partnership.

Course structure

Year one

The first year focuses on relationship-centred care and considers the psychological, social and biological factors influencing health. There is an opportunity for simulated practice and a practice placement.

Year two

In the second year, students continue to explore these themes in the context of acute and long-term care.

Final year

In the third year, the emphasis is on leading and managing in professional practice. Students will undertake a 6,000 word dissertation.

As part of the clinical placement experience, students spend the final 12 weeks of the course on a practice area of their choice, subject to availability. Students will have a placement base and opportunities

to identify practice experiences with their mentor.

The course is delivered by expert staff through lectures, facilitated group work and enquiry-based learning opportunities with access to online course materials, resources, interactive activities and assessment and communication tools. The Clinical Skills Online (CSO) resource provides step-by-step video demonstrations on clinical skills.

Assessment includes multiple-choice and short-answer exams, reflective essays, case study reports, laboratory reports, care studies, group presentations, drug calculation tests and a seen-scenario examination. Practice is assessed by the student's mentor and practice tutor and by an Objective Structured Clinical Examination (OSCE) in a simulated environment.

Career opportunities

The BSc (Hons) opens up a variety of fascinating career opportunities including the chance to study an advanced practice MSc in a specialist area at City.

Accreditation

Successful graduates will be registered by the Nursing and Midwifery Council (NMC).

Other courses you may like

BSc (Hons) Adult Nursing

BSc (Hons) Mental Health Nursing

BSc (Hons) Midwifery

Mental Health Nursing

BSc (Hons)

This degree prepares students for a fulfilling and rewarding career in mental health nursing, which focuses on providing holistic care, enabling people with mental health problems to be physically safe and emotionally secure.

UCAS code
B702
Duration
3 years
Entry requirements
Typical offers require one of the following:
‘A’ Level
280 UCAS tariff points (typically BBC at ‘A2’ Level. ‘A’ or ‘AS’ Levels in Biological Sciences or Social Sciences are preferred)
IB
32 points
Access to HE Diploma
Nursing, Midwifery, Health or Social Care subject
BTEC
Extended Diploma DDM
In addition, the following is required:
GCSE
5 GCSEs at grade C (or equivalent), including English Language and Mathematics
English language requirements
IELTS: 7 overall with a minimum of 7.0 in each component
TOEFL: 110 internet-based total
Special entry requirements
Students are required to have occupational health, enhanced disclosure and barring service clearance. Academic and character references are also required.

Students combine theoretical study with clinical experience in a range of settings working with London’s diverse populations in leading hospitals and community settings. The clinical placement allows students to explore the journeys of service users including older people, the severely ill, those in recovery and those detained in secure settings. Facilities include the Clinical Skills Centre, with state-of-the-art laboratories where students can rehearse practical caring skills prior to their placements. The School was formerly known as the St Bartholomew School of Nursing and Midwifery; our students continue to benefit from the legacy of this 120 year partnership.

Course structure

Year one

The first year focuses on relationship-centred care and considers the psychological, social and biological factors influencing health. There is an opportunity for simulated practice and a practice placement.

Year two

In the second year, students continue to explore these themes in the context of acute and long-term care.

Final year

In the third year, the emphasis is on leading and managing in professional practice. Students will undertake a 6,000 word dissertation.

As part of the clinical placement experience, students spend the final 12 weeks of the course on a practice area of their choice, subject to availability. Students will have a placement base and some opportunities to identify practice experiences with their mentor.

The course is delivered by expert staff through lectures, facilitated group work and enquiry-based learning opportunities with access to online course materials, resources, interactive activities and assessment and communication tools. An innovative method of group work supports students and helps them to develop the ability to understand and process the emotional impact of working in mental health.

Assessment includes multiple-choice and short-answer exams, reflective essays, case-study reports, laboratory reports, care studies, group presentations, drug calculation tests and a seen-scenario examination. Practice is assessed by the student’s mentor and practice tutor and by an Objective Structured Clinical Examination (OSCE) in a simulated environment.

Career opportunities

The BSc (Hons) opens up a variety of fascinating career opportunities including the chance to study an advanced practice MSc in a specialist area at City.

Accreditation

Successful graduates will be registered by the Nursing and Midwifery Council (NMC), which provides an internationally recognised professional qualification.

Other courses you may like

- BSc (Hons) Adult Nursing
- BSc (Hons) Child Nursing
- BSc (Hons) Midwifery

Optometry

Arran Johal, 19

BSc (Hons) Optometry,
second year

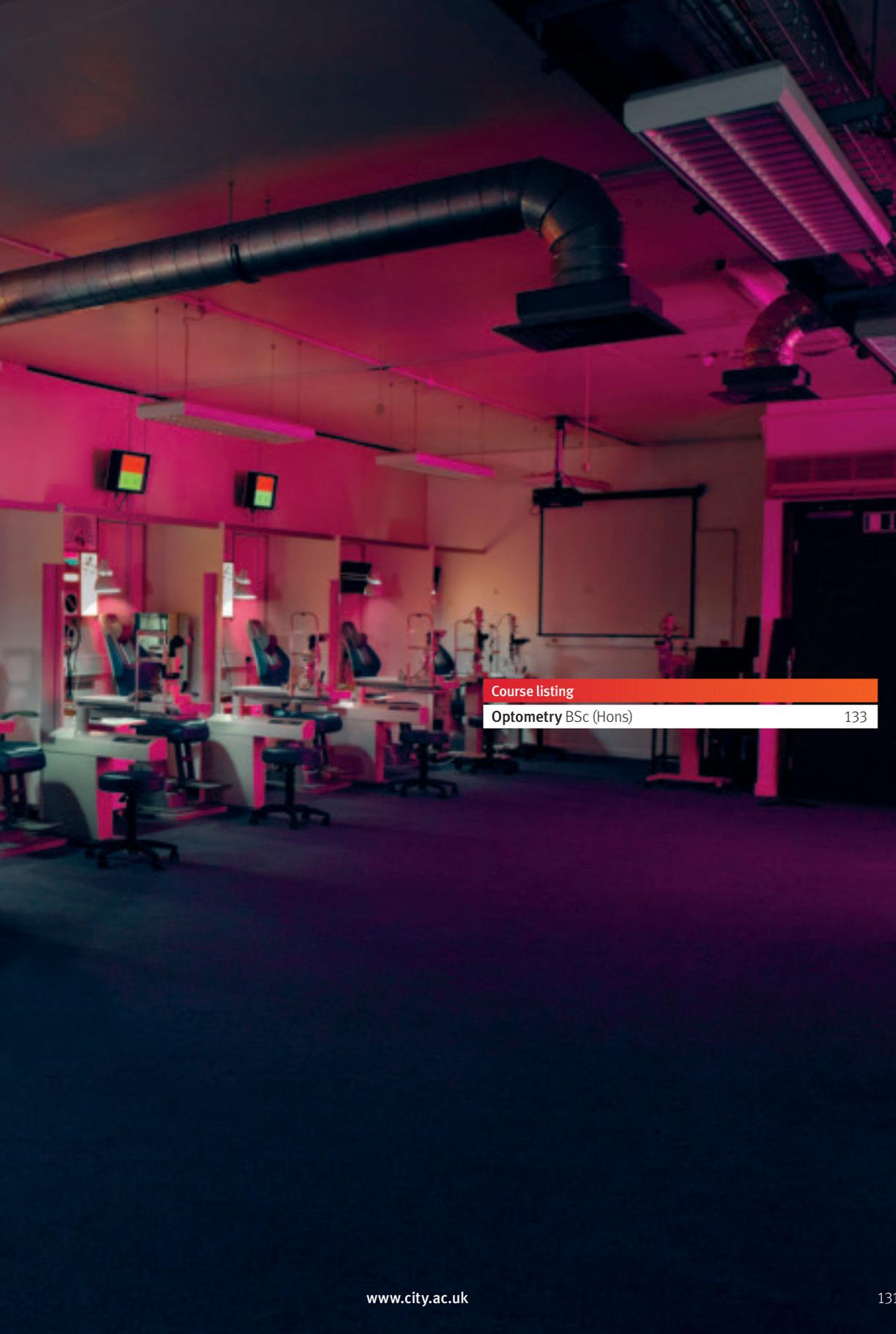
**How have you found
life at City?**

Great, right in the middle of
everything.

I've worn glasses since I was a
child and I was always fascinated
when I went to have my eyes
tested. As I knew I wanted to do
some type of medical degree,
Optometry seemed the obvious
course for me. I chose City because
I'd read and heard good things
about it and the Optometry course
had a very good reputation.

The teaching is very good and
I've made good friends with the
other students on my course, it
feels like we're all on the same
wavelength. One of the important
things about our course is that
it has made me realise the
responsibility we will have for our
patients once we are out there
practising as optometrists.

Arran is in one of City's state-of-the-art
Optometry clinics. City's contribution
to the study of optometry dates back
to 1903, when the Technical Optics
department was established.



Course listing

Optometry BSc (Hons)

133

Optometry involves the study of visual defects and the ways in which these can be corrected or relieved. Optometrists are responsible for examining eyes, recognising any sign of ocular or general disease affecting the eyes and where appropriate prescribing spectacles or contact lenses. With further training, optometrists are also permitted to prescribe various drugs for the treatment of eye diseases. Optometry is a flexible and rewarding career offering independent and rewarding work with patients.

Studying Optometry at City

City's BSc (Hons) Optometry is at the cutting edge of optometry and visual science study in both its curriculum and the way it is delivered. Throughout the course, students benefit from a combination of state-of-the-art clinics and laboratories and teaching from experienced tutors from a wide range of disciplines. Close links with Moorfields Eye Hospital provide students with access to a wide range of patients and pathology. City is the only university in London offering a BSc (Hons) Optometry, providing students with the experience of studying in a rich and diverse capital city. City's course has high rates of employability, with graduates securing jobs with employers including Boots, Specsavers, Vision Express, Optical Express and the NHS.

Opportunities for work placements

In the third year, students see patients under supervision in City's Fight for Sight Optometry Clinics. Students carry out full eye examinations under supervision and gain specialist skills in the paediatric, binocular vision, contact lens, dispensing and visual impairment clinics. In addition, students attend Moorfields Eye Hospital, one of the world's leading eye hospitals, to examine patients with a range of eye diseases. They also benefit from a placement scheme with local optometric practices to gain experience in dispensing spectacles and practice management.

Research in Optometry

Professor Ron Douglas

Academic staff at City's School of Health Science engage in wide ranging and innovative research into optometry. One example of this is the work of Professor Ron Douglas. Professor Douglas is Professor of Visual Science and Deputy Head of the Optometry Division. He joined City University London in 1984. He has authored more than 100 research papers and contributed to chapters on the human eye for the recent 150th anniversary edition of Gray's Anatomy, one of the world's most renowned medical textbooks. An initial interest in marine biology led to one of Professor Douglas's main areas of research, namely vision in lower vertebrates: he has explored the visual systems of rainbow trout and deep-sea animals and his work has considered how animal behaviour is influenced

by vision. Professor Douglas also works on visual function and visual disease: he has contributed to research which demonstrates that stem cells could be used in humans to reverse retinal damage and he has also published work on retinal ganglion cell disease. He leads undergraduate modules on visual physiology and anatomy on the BSc (Hons) Optometry.

Ophthalmic Dispensing Foundation Degree

UCAS code: B511

In partnership with City and Islington College, City University London offers a Foundation Degree in Ophthalmic Dispensing, which can lead to a rewarding career as a dispensing optician. Dispensing opticians are trained to dispense and fit ophthalmic lenses and spectacle frames and to recognise basic ocular disorders. Graduates of the Foundation Degree in Ophthalmic Dispensing can also apply to join the BSc (Hons) Optometry at City, joining at year two of the degree.

For further information on the Foundation degree, including entry requirements, please visit our website.

Find out more about Optometry

NHS Careers is an excellent resource for those wishing to find out about careers in optometry www.nhscareers.nhs.uk. Visit the optometry pages to find out more about the skills required to be an optometrist, download brochures, read real-life stories and access further weblinks to organisations such as the General Optical Council.



Email enquiries
optometry@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 5000



Find out more, visit
www.city.ac.uk/health
www.city.ac.uk/courses

Optometry

BSc (Hons)

City is the only university in London to offer the BSc (Hons) Optometry and was one of the first institutions in the world to train optometrists, operating since 1927.

UCAS code
B510
Duration
3 years
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points (at least 3 'A' Levels must be included in the points calculation. A grades at 'A2' Level are required in 2 of the following subjects: Biology, Chemistry or Maths.
IB
34 points with 6 points in each of two sciences and 5 points in Mathematics and English Language
AVCE Double Award
A*A Science plus Mathematics 'A' Level
Bachelor Degrees
Upper second class honours degree in other science or medically-related degree.
Dispensing Diploma
Over 75% in all theory examinations
In addition, the following is required:
GCSE
5 GCSEs at grade C (or equivalent), including English Language and Mathematics
English language requirements
IELTS: 7.0 overall with a minimum of 7.0 in each component
TOEFL: 110 internet-based total
Special entry requirements
Students are required to have enhanced disclosure and barring service clearance.

Students benefit from study, placement and employment opportunities in a diverse capital city and from state-of-the-art clinics and laboratories including City's Fight for Sight Optometry Clinics. City's optometry division has an excellent reputation, with expert academics from a range of disciplines such as optometrists, ophthalmologists, dispensing opticians, orthoptists, physicists, psychologists, neuroscientists and biologists. Students go on to flexible careers in private practice, hospital eye departments, research and teaching.

Course structure

Year one

Students build a foundation in the basic sciences that underpin optometry, starting clinical training from day one. Lectures are supported by tutorials and laboratory-based work in the bioscience and optics laboratories, clinical skills suite and dispensary.

Core modules:

- Human biology
- Optics
- Visual optics and mathematics
- Ophthalmic lenses and dispensing I
- Clinical skills I.

Year two

Students further expand and enhance their clinical skills, which involves an understanding of ocular and systemic disease coupled with the neuroscience of visual perception. Clinical confidence and competence is supported by expert guidance in utilising the latest technologies to investigate ocular abnormalities.

Core modules:

- Visual science
- General pathology and eye disease
- Clinical skills II
- Contact lenses I
- Ophthalmic lenses and dispensing II
- Binocular vision.

Year three

Students develop the knowledge and clinical skills that form the basis of modern optometric practice by seeing patients under supervision. Students carry out full eye examinations and gain specialist skills in the paediatric, binocular vision, contact lens, dispensing and visual impairment clinics. Students also examine patients at Moorfields Eye Hospital, as well as gaining experience in dispensing spectacles and practice management in local optometric practices.

Core modules:

- Eye disease and therapeutics
- Clinical skills and professional practice
- Binocular vision, Paediatrics and visual impairment
- Contact lenses II
- Research studies.

Career opportunities

Optometry offers a varied and flexible career with opportunities in private practice, hospital eye departments, research and teaching. Graduates can also go on to study an advanced practice MSc at City.

Accreditation

Subject to the successful completion of the scheme for registration, graduates can register as an optometrist with the General Optical Council.

Psychology



Course listing

Psychology BSc (Hons)

136



Maevish Shah, 21

BSc (Hons) Psychology, graduated summer 2012

What has your time at City given you?

It has made me a more mature and responsible person.

My interest in Psychology started when I went to a higher education fair and having completed my degree, I now want to go on and do a Doctorate in Clinical Psychology. To do that I first have to get some evidence-based research experience, so that's what I'm looking for, though at the moment I volunteer at a play centre in a prison, which I've done for some time and really enjoy.

Amanda Green, 36

BSc (Hons) Psychology, third year

What will you take away from City?

You can teach an old dog new tricks!

I made some significant life changes to be able to study Psychology, with the additional challenges of self-funding my studies. I've taken advantage of as many opportunities as possible, through volunteering and City's Professional Mentoring programme. In 2012, I received a summer bursary for a research assistantship in the Autism Research Group.

I love the energy and pace at City. It's a diverse mix of cultures, ages and extremely talented academic staff and students.

Psychology is the understanding of human behaviour through the scientific study of the mind and brain: what stimulates us, how we learn to perceive and understand the world, how we communicate and interact socially, how we behave and misbehave and how we can sometimes make mistakes. Successful Psychology degree students possess strong quantitative, analytical and independent thinking skills. They communicate effectively in writing and in presentations. They learn to take a critical evidence-based approach to theories and common-sense ideas. Such versatile practical and intellectual skills are highly attractive to employers in a wide variety of work settings.



Email enquiries
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Telephone enquiries
+44 (0) 20 7040 8521



Find out more, visit
www.city.ac.uk/psychology
www.city.ac.uk/courses

Studying Psychology at City

At City, the British Psychological Society-accredited BSc (Hons) Psychology covers all core topics, including developmental, social, biological and cognitive psychology. There is strong emphasis on research methods, with many opportunities for hands-on learning. Students study with talented experts representing a diverse range of disciplines and professions. All are actively publishing researchers and/or Chartered practitioners. Students may learn from them the general and specialist skills and knowledge essential for their success in postgraduate studies and employment. According to the 2012 National Student Survey, 94 per cent of City Psychology students said they were satisfied with their course.

Opportunities for work experience

Many students gain voluntary work experience during the summer breaks. Past examples of volunteer work involve training as a counsellor for victims of crime or working in the NHS with long-term and elderly patients, in mental health or in occupational health. There are also opportunities to work as a research assistant with Psychology staff on their ongoing projects.

Research in Psychology

Dr Tina Forster

Alongside her role as Course Director for the BSc (Hons) Psychology, Dr Tina Forster is also head of the Cognitive Neuroscience Research Unit at City, which is renowned for the research it carries out using neuroimaging (especially Electroencephalography, or EEG) and transcranial magnetic stimulation (TMS). Dr Forster is particularly interested in the brain processes that underlie how we perceive our bodies and the world around us. The somatosensory system, which is the focus of much of her work, is made up of the receptors and processors that determine how we perceive our bodies and ultimately ourselves. By using non-invasive EEG to track electrical signals in the brain, Dr Forster's research provides insight into the activity of the brain when we are being touched, when we move or hold an object.

Find out more about Psychology

- The British Psychological Society www.bps.org.uk provides essential information on psychology careers and pathways for further training
- Dr Stian Reimers has loaded some fascinating short lectures to iTunes U on the Psychology of Time, which he teaches in the final year of the course <http://itunes.apple.com/gb/itunes-u/psychology-of-time/id478872114>. Lectures given by other psychology academics staff can be found at <http://itunes.apple.com/gb/itunes-u/psychology/id405050927>
- A general introduction can be found in *The Tiger That Isn't: Seeing Through a World of Numbers*, by Andrew Dilnot; *Thinking Fast and Slow*, by Daniel Kahneman; and *Bad Science*, by Ben Goldacre.

Psychology

BSc (Hons)

The BSc (Hons) Psychology at City encourages analytical and critical thinking, the careful appraisal of evidence and the application of a wide range of technical and professional skills.

UCAS code
C800
Duration
3 years
Entry requirements
Typical offers require one of the following:
'A' Level
360 UCAS tariff points (typically AAA at 'A' Level or AAB at 'A' Level with one additional 'AS' Level at grade C or higher)
IB
35 points
In addition, the following is required:
GCSE
English Language and Mathematics or Statistics at grade B (or equivalent)
English language requirements
IELTS: 6.5 overall with a minimum of 5.5 in each component
TOEFL: 100 internet-based total

A broad range of topics within the discipline is covered, involving the application of psychological knowledge in professional areas and the careful use of research methods. The course offers a wide range of transferable skills enhancing employment prospects and provides excellent preparation for further training in psychology at postgraduate level.

Course structure

Year one

The first year covers the main areas of psychology: cognition, development, biology and the history of psychological theories. In addition, a specialist module focuses on the training and skills needed to pursue a degree and a career as a professional psychologist.

Core modules:

- Biological approaches to mind and behaviour
- Cognitive approaches to mind and behaviour
- History and theory of psychology
- Lifespan psychology
- Professional and academic development for psychologists
- Research design and analysis (laboratory methods)
- Research design and analysis (quantitative methods).

Year two

The second year includes the study of more advanced research design and data analysis for a variety of research methods, including experimental and observational studies.

Core modules:

- Biological psychology
- Cognitive psychology 1 (memory and language)

- Cognitive psychology 2 (thinking and perception)
- Developmental psychology
- Personality and differential psychology
- Research methods in psychology
- Social psychology.

Final year

Final year students have the opportunity to select from four specialist modules, taught by expert researchers and practitioners. Options include clinical, coaching, organisational and health psychology, memory, cognitive neuroscience, social perception, brain disorders, development and autism. Students also conduct their own empirical research project.

Assessment and progression consist of essays, problem-based assessments, presentations, class tests, laboratory reports, laboratory classes and end-of-year examinations.

Career opportunities

A Psychology degree is widely recognised as an excellent introduction to many careers. Key skills learnt include the evaluation of ideas and evidence, written and oral presentation skills and a sophisticated understanding of numerical data. Around 88 per cent of our Psychology graduates from 2011 found employment and/or further study within six months working in schools, charities, the NHS and the Crown Prosecution Service. This BSc comprises the first stage of being a Chartered Psychologist.

Accreditation

City's BSc (Hons) Psychology, accredited by the British Psychological Society, comprises the first stage of being a Chartered Psychologist.

A Psychology degree is widely recognised as an excellent introduction to many careers.



Radiography

Course listing

Radiography (Diagnostic Imaging) BSc (Hons)	140
Radiography (Radiotherapy and Oncology) BSc (Hons)	141

Summar Yunas, 19

BSc (Hons) Radiography
(Radiotherapy and Oncology),
second year

My time at City:

Is preparing me for life
after university.

My brother is also a Therapeutic Radiography student at City, a year ahead of me. When I looked at his books and notes as I was studying for my 'A' Levels, I became more and more interested in the subject area and eventually I decided to apply for the same course. The BSc (Hons) in Radiotherapy is highly respected within the oncological world, as we develop an in-depth knowledge of anatomy, oncology, physics and treatment skills. My clinical placement is at St Bartholomew's Hospital and I work closely with qualified radiotherapists to treat and care for cancer patients. Keeping on top of the workload is essential for this course: you need to be focused and dedicated. But I like the challenge: it's my kind of thing.



To hear more from Summar, scan this page using the Aurasma app on your smart device or visit www.city.ac.uk/ug2014/people

Radiographers are a central part of the modern healthcare team in hospitals and need a knowledge of technology, anatomy, physiology and pathology to carry out their work. Diagnostic radiographers decide which examination to perform, advising on procedures and reporting on diagnostic images. Therapeutic radiographers treat cancer patients with radiation therapy, one of the most effective methods for helping to control and cure this disease. Radiographers may also choose to go into research or may become lecturers and train others in the profession. In all areas of their work, radiographers can make a real difference to both patients and practitioners.



Email enquiries
health@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 5000



Find out more, visit
www.city.ac.uk/health
www.city.ac.uk/courses

Studying Radiography at City

City's radiography degrees provide students with the skills and knowledge to help diagnose illness by producing and interpreting images or to work on the frontline of cancer care. Graduates of both degrees will have the skills to make a vital difference to patients and their families. Our students are highly employable, with graduates starting on an annual average salary of £25,000. City's Radiography Division was founded following the merger of five of London's top radiography schools, making it an excellent place to study radiography. There are also close links with radiography departments in hospitals, the radiography profession and industry.

Opportunities for work placements

City works in partnership with a range of hospital trusts in London and Essex giving students a range of placement opportunities, for example, The Royal Free Hospital, St Bartholomew's Hospital and in Essex, King George Hospital and Southend University Hospital. During their course, students have one primary clinical placement at a main site but rotate through other hospitals to gain greater clinical experience.

Tuition fees for Radiography

Tuition fees for home and EU students studying the BSc (Hons) Radiography (Diagnostic Imaging) or Radiography (Radiotherapy and Oncology) are paid by the NHS. Students may be entitled to a means-tested bursary from the NHS: please see www.nhsbsa.nhs.uk for more information.

Research in Radiography

Mr Dave Flinton

Academic staff at City's School of Health Sciences undertake research in a variety of fields relating to Radiography. One example is provided by Mr Dave Flinton, Senior Lecturer and the Programme Manager for City's BSc (Hons) Radiography (Radiotherapy and Oncology). In his research he has explored the links between radiotherapy treatment and fatigue. Though fatigue is one of the most commonly cited side-effects of radiotherapy, it has remained under-researched, in part because of the difficulty of identifying its symptoms and measuring its intensity. However patient studies indicate that fatigue can affect the lives of radiotherapy patients more than pain, indicating a need for greater understanding of the area by radiotherapists. Mr Flinton's research has also explored aspects of radiography education: a recently published paper in the journal *Radiography* examined attitudes to continuing professional development in radiography through a survey of hospitals in the UK and earlier research considered the expectations of managers regarding newly-qualified radiographers.

Find out more about Radiography

NHS Careers is an excellent resource for those wishing to find out about careers in radiography www.nhs Careers.nhs.uk. Visit the radiography pages to find out more about the skills required to be a diagnostic or therapeutic radiographer, download brochures, read real-life stories and access further weblinks to organisations such as the College of Radiographers and the Society of Radiographers.

Radiography (Diagnostic Imaging)

BSc (Hons)

City's degree provides students with the skills and knowledge to help diagnose illness by producing and interpreting images.

UCAS code
B821
Duration
3 years
Entry requirements
Typical offers require one of the following:
'A' Level
320 UCAS tariff points (typically ABB at 'A2' Level. An A grade at 'A2' Level is required in one of the following subjects: Mathematics, Physics, Chemistry or Biology)
IB
33 points (must include Physics)
Access to HE Diploma
Radiography or Science only
BTEC
Extended Diploma DDM (Applied Science or Medical Science only)
In addition, the following is required:
GCSE
5 GCSEs at grade C (or equivalent), including English Language, Mathematics and Double Science
English language requirements
IELTS: 7.5 overall with a minimum of 7.0 in each component
TOEFL: 110 internet-based total
Special entry requirements
Applicants must complete a clinical visit feedback form
Students are required to have occupational health, enhanced disclosure and barring service clearance. Academic and character references are also required.

City has one of the best equipped radiography clinical skills suites in the UK, including a life-size virtual environment. Diagnostic radiographers use a range of imaging modalities such as conventional/plain radiography, fluoroscopy, computed tomography, magnetic resonance imaging, ultrasound and nuclear medicine.

Course structure

Half of the course will be spent in the University and the other half on clinical placement.

Year one

The compulsory modules in the first year introduce the principles and practice of diagnostic imaging. Year one will be spent primarily in the University.

Core modules:

- Common foundation 1
- Common foundation 2
- Radiographic anatomy, physiology and pathology
- Science for medical imaging 1
- Principles of imaging in practice 1.

Year two

In the second year, students move on to more specialised subjects and begin to apply the knowledge and experience gained in year one.

Core modules:

- Radiography research methods and statistics
- Science for medical imaging 2
- Principles of imaging in practice 2
- Professional practice in medical imaging.

Year three

During the final year, students become more critical and evaluative in their work.

Core modules:

- Equipment evaluation
- Image interpretation/evaluation
- Preparation for clinical practice
- Management and radiographic practice
- A research exercise/project.

Students learn in a variety of ways – lectures, seminars and practical training in the Centre for Radiography Clinical Skills Education, which mirrors the clinical environment.

Work is assessed through course work, written examinations, class tests, multiple-choice tests, practical examinations and clinical assessments while on clinical placement.

Career opportunities

City's course has excellent employability, nearly all graduates find employment in the NHS or private hospitals. Graduates may be able to practise internationally. Graduates can also go on to study an advanced practice MSc at City.

Accreditation

On graduation, students will be professionally recognised by the College of Radiographers and will be able to apply for registration with the Health and Care Professions Council to practise in the UK.

Other courses you may like

BSc (Hons) Radiography
(Radiotherapy and Oncology)

Radiography (Radiotherapy and Oncology)

BSc (Hons)

This degree gives students the knowledge and skills to work on the frontline of cancer care. Therapeutic radiographers are specialists in hospital healthcare teams who use advanced computer programmes and machines to plan and deliver radiation treatment for cancer patients with pinpoint accuracy.

UCAS code
B822
Duration
3 years
Entry requirements
Typical offers require one of the following:
'A' Level
320 UCAS tariff points (typically ABB at 'A2' Level. An A grade at 'A2' Level is required in one of the following subjects: Mathematics, Physics, Chemistry or Biology)
IB
33 points (must include Physics)
Access to HE Diploma
Radiography or Science only
BTEC
Extended Diploma DDM (Applied Science or Medical Science only)
In addition, the following is required:
GCSE
5 GCSEs at grade C (or equivalent), including English Language, Mathematics and Double Science
English language requirements
IELTS: 7.5 overall with a minimum of 7.0 in each component
TOEFL: 110 internet-based total
Special entry requirements
Applicants must complete a clinical visit feedback form
Students are required to have occupational health, enhanced disclosure and barring service, clearance. Academic and character references are also required.

City has one of the best equipped radiography clinical skills suites in the UK, including a life-size virtual environment. There are also close links with radiotherapy departments in hospitals, the radiotherapy profession and industry. Excellent interpersonal skills are needed to explain the treatment plans, while supporting patients and their families.

Course structure

Students will spend equal time at the University and at their allocated clinical placement.

Year one

The compulsory modules in the first year introduce students to the principles and practice of radiotherapy. Year one is spent primarily in the University.

Core modules:

- Common module 1
- Common module 2
- Principles of radiotherapy practice
- Anatomy, physiology and oncology 1
- Anatomy, physiology and oncology 2
- Radiotherapy equipment.

Year two

In second year, students move on to more specialised subjects and begin to apply the knowledge and experience gained in year one.

Core modules:

- Radiography research methods and statistics
- Management and radiotherapy technique A
- Competence to practice A
- Radiotherapy physics and planning
- Radiobiology.

Year three

During the final year, the modules help students to become more critical and evaluative in their work.

Core modules:

- Patient-centred care
- Management and radiotherapy technique B
- Competence to practise B1
- Competence to practise B2
- Healthcare policy and quality management
- A research exercise/project.

Students learn through lectures, workshops, clinical experience in clinical departments and seminars and clinical experience in the Centre for Radiography Clinical Skills Education.

Assessment is by course work, written examinations, class tests, multiple-choice tests, practical examinations and clinical assessments while are on clinical placement.

Career opportunities

City's course has excellent employability, nearly all graduates find employment in the NHS or private hospitals. Graduates may also be able to practise internationally. Graduates can also go on to study an advanced practice MSc at City.

Accreditation

On graduation, students will be professionally recognised by the College of Radiographers and be able to apply for registration with the Health and Care Professions Council to practise in the UK.

Other courses you may like

BSc (Hons) Radiography
(Diagnostic Imaging)

Sociology

Course listing

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Ekaterina Rubinovich, 21

BSc (Hons) Media Studies
and Sociology, third year

How have you changed at City?

I've learnt to be independent, but know I can always ask for help.

I'm Russian, but my family moved to the Czech Republic when I was nine and there I went to an international school where we spoke English. I really wanted to study in London and I chose City because it offered me a course with some flexibility as I wasn't sure what I wanted to do after university. The staff in the International Office and my School were really helpful when I first came to the UK, helping me with paperwork and to settle in. I love this area, especially around Angel.

Sociology is concerned with understanding societies and the social forces that shape human lives: how individuals participate in social groups, how those groups interact with each other and how participation and interaction affect their members. Studying Sociology at degree level requires the development of strong analytical, writing and communication skills that are prized by employers in a range of industries.



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Telephone enquiries
+44 (0) 20 7040 8384



Find out more, visit
www.city.ac.uk/sociology
www.city.ac.uk/courses

Studying Sociology at City

City has one of the largest and best-known Departments of Sociology in London. We offer innovative and relevant degrees that provide a firm foundation in key sociological theories and debates, including race relations and ethnicity, crime and criminal justice and media and communications. Our academics are leaders in their fields and bring their internationally recognised scholarship and research into their teaching. Graduates have gone on to careers in the Civil Service, broadcasting, press and public relations, education, non-governmental organisations, think-tanks, the criminal justice system, protective agencies and health and social services.

Opportunities for work placements

Students are encouraged to take advantage of the excellent internship opportunities that City's central London location provides. Sociology students have secured placements with a diversity of organisations, large and small, international and local and often situated within minutes of the University, working in the areas of media and communications, crime and justice, human rights, migration and refugee support and mental health.

Opportunities for study abroad

A wide range of international study exchange opportunities are available and students who choose to study abroad enjoy many added benefits. Exchanges vary in duration from 3 to 12 months. Sociology students have the opportunity to take an international study year (usually in another European country) as part of their degree. In particular, the Erasmus programme enables them to study in Europe for a semester or a full year
www.britishcouncil.org/erasmus.

Research in Sociology

Dr Sarah Maltby

Dr Sarah Maltby is the Course Director for City's undergraduate degrees in Sociology. Her research explores the intersection of media and war, particularly with regard to contemporary military and media practice. Within this field, she has examined the degree to which the military management of information for the media re-configures the conduct of contemporary conflict and how such mediated information affects social behaviour in conflict scenarios. Dr Maltby is a co-founder and co-ordinator of the MARS Project (Morality and Representations of Suffering), which brings together academics and practitioners (including journalists, artists, photographers and filmmakers) engaged with the moral issues surrounding images of suffering. The project has generated debate around key questions in the reporting and depiction of suffering and conflict, considering themes including the question of consent; the moral issues surrounding production and dissemination of images and film; and religious and cultural beliefs.

Find out more about Sociology

- To learn more about subjects offered by the Department of Sociology, visit the websites of the British Sociological Association www.britisoc.co.uk, the British Society of Criminology www.britisocrim.org and the Media, Communication and Cultural Studies Association www.meccsa.org.uk. These contain plenty of resources and links for engaging with sociology and related topics
- Prospective students might also enjoy the US-based Everyday Sociology blog www.everydaysociologyblog.com and Global Sociology blog <http://globalsociology.com>.

Sociology

BSc (Hons)

This degree equips students with knowledge and skills relevant to a range of professional careers by providing an understanding of how individuals and societies coexist in a context of difference, diversity and constant change.

UCAS code
L300
Duration
3 years or 4 years with professional placement
Entry requirements
Typical offers require one of the following:
'A' Level
320 UCAS tariff points (typically ABB at 'A' Level)
IB
33 points
In addition, the following is required:
GCSE
English Language and Mathematics or Statistics at grade C (or equivalent)
English language requirements
IELTS: 6.5 overall with a minimum of 5.5 in each component
TOEFL: 100 internet-based total

Other courses you may like
BSc (Hons) Criminology and Sociology
BSc (Hons) Media Studies and Sociology
BSc (Hons) Sociology with Psychology

This well-established course is concerned with important contemporary topics and debates such as cultural and socio-economic transformations, family life, social stratification, gender and sexuality, race relations and new ethnicities, migration, human rights, citizenship and cosmopolitan identity, governance, media and communications and crime and insecurity. Throughout the course, emphasis is placed on developing the global dimensions of sociological analysis.

Course structure

Year one

First year modules include An introduction to sociology and Understanding the modern world, which establish the foundations for degree-level study.

Core modules:

- Foundations in sociology
- Sociology in action
- Understanding the modern world.

Year two

The second year is a continuation of core learning and the start of specialisation in more advanced topics. Electives include sociology, media and cultural studies and criminology modules.

Core modules:

- Doing sociology 1
- Doing sociology 2
- Social theory 1
- Social theory 2.

Final year

The final year offers specialist modules delivered by leading researchers. Students complete a research dissertation on a topic of

their choosing in consultation with a personal supervisor.

Core module:

- Dissertation.

Assessment is primarily in the form of coursework (assessed essays and assignments), unseen examinations and a final year project.

Career opportunities

BSc (Hons) Sociology graduates are found within a variety of different professions. Possible sectors for employment include the Civil Service, broadcasting, advertising, press and public relations, audience and market research, the cultural industries, education, campaigning groups, NGOs, think-tanks, the criminal justice system, protective agencies and health and social services.

Sociology with Psychology

BSc (Hons)

This specialist degree is designed to provide in-depth knowledge and understanding of the main theoretical perspectives and practical applications of two of the top research departments at City University London, Sociology and Psychology.

UCAS code	LCH8
Duration	3 years or 4 years with professional placement
Entry requirements	Typical offers require one of the following: 'A' Level 320 UCAS tariff points (typically ABB at 'A' Level)
IB	33 points In addition, the following is required:
GCSE	English Language and Mathematics or Statistics at grade C (or equivalent)
English language requirements	IELTS: 6.5 overall with a minimum of 5.5 in each component TOEFL: 100 internet-based total

Other courses you may like
BSc (Hons) Criminology and Sociology
BSc (Hons) Media Studies and Sociology
BSc (Hons) Sociology

Combined studies provide students with distinctive pathways to many of the most important areas of the social sciences. Students are encouraged to develop a mixture of transferable skills and competencies such as critical thinking, communication, research design and data analysis, problem-solving and interpersonal skills and graduate from this course with a comprehensive understanding of the ways in which the various disciplines relate to and inform each other.

Course structure

Year one

The first year introduces a broad range of sociological and psychological approaches, theories, concepts and methods to establish a solid foundation for further study.

Core modules:

- Foundations in sociology
- Sociology in action
- Understanding the modern world.

Core elective modules:

- Biological approaches to mind and behaviour
- Cognitive approaches to mind and behaviour
- History and theory of psychology
- Lifespan psychology.

Year two

The second year develops a deeper knowledge and understanding of specific subject areas with an emphasis on critical analysis and research processes.

Core modules:

- Doing sociology 1
- Doing sociology 2
- Social theory 1
- Social theory 2.

Core elective modules:

- Biological psychology
- Developmental psychology
- Personality and differential psychology
- Social psychology.

Final year

In their final year, students are encouraged to take responsibility for their own learning and to develop in-depth specialised evaluation and an advanced understanding of sociological theory and research.

Core module:

- Dissertation.

Assessment is primarily in the form of coursework (assessed essays and assignments), unseen examinations and a final year project.

Career opportunities

A Sociology degree from City develops a range of skills and intellectual abilities valued by employers, including problem-solving, communicating ideas, independent judgement and the ability to think constructively. As a result, 90 per cent of our graduates from 2011 were in employment or further study within six months of completing their course.

Criminology and Sociology

BSc (Hons)

The BSc (Hons) Criminology and Sociology at City is a stimulating degree that places key issues of crime, criminal justice and social order in a context of contemporary global change.

UCAS code	L390
Duration	3 years or 4 years with professional placement
Entry requirements	Typical offers require one of the following:
'A' Level	320 UCAS tariff points (typically ABB at 'A' Level)
IB	33 points In addition, the following is required:
GCSE	English Language and Mathematics or Statistics at grade C (or equivalent)
English language requirements	IELTS: 6.5 overall with a minimum of 5.5 in each component TOEFL: 100 internet-based total

Other courses you may like
BSc (Hons) Media Studies and Sociology
BSc (Hons) Sociology
BSc (Hons) Sociology with Psychology

Crime and criminal justice are central concerns in contemporary societies, attracting political and media attention. This popular, innovative and professionally-oriented degree is designed and delivered by academics who are internationally acknowledged as leading researchers in their field. Our central London location and proximity to key criminal justice agencies facilitates our distinctive Criminology and Sociology course.

Course structure

Year one

The first year of study provides a strong grounding in the contemporary perspectives used to understand the causes of crime and the societal reaction to it.

Core modules:

- Foundations of sociology
- Introduction to criminology 1: Crime and society
- Introduction to criminology 2: Crime and the individual
- Sociology in action
- Understanding the modern world.

Year two

In the second year, knowledge is developed through engaging with the key 21st century issues and developments that are redefining criminology. At the cutting edge of public debate, these issues change from year to year but may include homicide, terrorism, drugs or antisocial behaviour.

Core modules:

- Doing sociology 1
- Doing sociology 2
- Key issues in criminology
- Violence and criminal justice policy.

Final year

The final year offers students as opportunity to apply their knowledge and skills and pursue specialist interests by completing a criminology-based research project.

Core module:

- Dissertation.

Core elective modules:

- Crime, news and criminal justice
- Policing and crime control
- Victimology
- Youth, crime and society.

Assessment is primarily in the form of coursework (assessed essays and assignments), unseen examinations and a final year project.

Career opportunities

This degree course is an excellent basis for graduate-level careers in the Civil Service, the criminal justice system, policing, the protective agencies, the youth justice system, social services, community safety, crime prevention, think-tanks and civil liberties pressure groups. The course is perfect preparation for further postgraduate study and research in criminology, criminal law, criminal justice studies and related fields.

Media Studies and Sociology

BSc (Hons)

This is one of the most respected and established media and sociology degrees in the UK. The appeal of this combined Honours course is that it links core elements and optional subjects from two important social science disciplines.

UCAS code	PL33
Duration	3 years or 4 years with professional placement
Entry requirements	Typical offers require one of the following: 'A' Level 320 UCAS tariff points (typically ABB at 'A' Level)
IB	33 points In addition, the following is required:
GCSE	English Language and Mathematics or Statistics at grade C (or equivalent)
English language requirements	IELTS: 6.5 overall with a minimum of 5.5 in each component TOEFL: 100 internet-based total

Other courses you may like
BSc (Hons) Criminology and Sociology
BSc (Hons) Sociology
BSc (Hons) Sociology with Psychology

Students are introduced to the major theoretical perspectives in sociology and specific current issues and debates, while the media studies element of the course provides an invaluable understanding of the expanding role of the media in contemporary society. Specialist courses taught by leading researchers encourage the critical study of various media, including the broadcasting media, print media, film and new media technologies in both a national and a global context.

Course structure

Year one

The first year consists of introductory courses analysing the key issues and debates in media studies and prepares students for more specialised theoretical and research options in the second and final years.

Core modules:

- Contemporary issues in media studies
- Foundations of sociology
- Media history and politics
- Sociology in action
- Understanding the modern world

Year two

The second year allows for specialisation in more advanced topics in sociology and media studies.

Core sociology modules:

- Doing sociology 1
- Doing sociology 2.

Core elective media modules:

- Circuit of culture: production, representation, consumption
- Interpreting news and documentary
- New media challenges
- Television and sport.

Final year

In their final year, students will develop their own research dissertation, providing the opportunity to conduct an applied piece of research integrating both subject areas or concentrating on the media side of the course.

Core module:

- Dissertation.

Core elective modules:

- Media, cities and culture
- Media, war and terrorism
- The global media system
- Transnational communication in Europe.

Assessment is primarily in the form of coursework (assessed essays and assignments), unseen examinations and a final year project.

Career opportunities

As well as successfully pursuing postgraduate careers in media and related research fields, graduates undertake professional journalism training and careers in publishing, advertising, public relations, marketing and arts administration and policy. An increasing number of employment opportunities are also available in the rapidly expanding new cultural and creative industries sector of the economy.

Language and Communication Science

Course listing

Speech and Language Therapy BSc (Hons)	150
Human Communication BSc (Hons)	151

Lauren Gray, 20

BSc (Hons) Speech and
Language Therapy, third year



My time at City:

Has given me a clear vision of
how my working life will be.

I'm from Northumberland and really wanted to experience London life and I chose City because it has a very good reputation for Speech and Language Therapy. The course is very challenging: it's a focused and concise degree, taught by lecturers who are experts in their field. It's also very rewarding. I've had several placements, which reinforce the clinical thinking and skills we've been studying and they have also helped me to work out what I want to do when I finish my degree.



To hear more from Lauren, scan this page using the Aurasma app on your smart device or visit www.city.ac.uk/ug2014/people

Speech and language therapy is a challenging and fast-developing profession. It is an interesting and rewarding career for those interested in the nature of human communication and wishing to work with people with a communication impairment – anything from a stammer to loss of speech following a stroke. Speech and language therapists work with clients of all ages and across a range of settings, including health centres, hospitals, schools, charities and universities. There are also opportunities to work abroad and in the private sector.



Email enquiries
health@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 5000



Find out more, visit
www.city.ac.uk/health
www.city.ac.uk/courses

Studying Language and Communication Science at City

City is a leading provider of speech and language therapy courses in the UK with an excellent reputation. Our expert academics are leaders in the field of speech and language therapy and renowned worldwide for their teaching and research. Our graduates have achieved distinction in all areas of the profession, including as clinical experts, senior managers of services and internationally recognised research leaders. The BSc (Hons) Human Communication is a non-clinical course focusing on understanding the process of human communication and is supplemented by optional modules which can be tailored to meet your specific interests. Students who achieve at least an upper second class degree on the BSc (Hons) Human Communication course are guaranteed a place on the Postgraduate Diploma in Speech and Language Therapy at City.

Opportunities for work placements

Placements are essential for developing the professional and interpersonal skills necessary to practise as a speech and language therapist. Students undertake clinical placements in health centres, schools and hospitals, with the opportunity to observe a range of communication disabilities and apply theoretical understanding to clinical practice in settings throughout London.

Tuition fees for Language and Communication Science

Tuition fees for home and EU students studying the BSc (Hons) Speech and Language Therapy are paid by the NHS. Students may be entitled to a means-tested bursary from the NHS: please see www.nhsbsa.nhs.uk for more information.

Research in Language and Communication Science

Professor Jane Marshall

Academic staff at City's School of Health Sciences undertake research in a variety of fields relating to Language and Communication Science, as the research of Professor Jane Marshall illustrates. Aphasia, a language impairment commonly caused by a stroke, affects the ability to formulate and comprehend language. Professor Marshall has published widely on aspects of aphasia including sentence processing, jargon aphasia, aphasia in users of British Sign Language and aphasia in bilingual language users. All of her work places a strong emphasis on addressing the clinical needs of people with aphasia. This is exemplified in a recent project, funded by the Stroke Association and undertaken in collaboration with colleagues from City's Centre for Human Computer Interaction Design, which looks at how computer gaming technology might aid the rehabilitation of people with aphasia. GESt, the computer therapy tool developed by the team (who worked with a group of consultants with aphasia), helps stroke survivors to communicate using gestures. The prototype has recently been piloted to see whether it improves participants' production of gestures and the corresponding spoken words.

Find out more about Language and Communication Science

NHS Careers is an excellent resource for those wishing to find out about careers in speech and language therapy www.nhscareers.nhs.uk. Visit the speech and language therapy pages to find out more about the skills required to be a speech and language therapist, download brochures, read real-life stories and access further weblinks to organisations such as the Royal College of Speech and Language Therapists.

Speech and Language Therapy

BSc (Hons)

City's BSc (Hons) in Speech and Language Therapy has an excellent reputation and is based within the largest teaching, research and clinical division in the UK for language and communication science.

UCAS code
B620
Duration
4 years
Entry requirements
Typical offers require one of the following:
'A' Level
380 UCAS tariff points (typically A*AA at 'A2' Level)
IB
35 points
Access to HE Diploma
Relevant health or science subject
BTEC
Extended Diploma in Health and Social Care or Science-related subject: D*DD
In addition, the following is required
GCSE
5 GCSEs at grade C (or equivalent), including English Language and Mathematics
English language requirements
IELTS: 7.5 overall with a minimum of 7.5 in the spoken and written components and 7.0 in the listening and reading components.
TOEFL: 110 internet-based total
Special entry requirements
Students are required to have occupational health, enhanced disclosure and barring service clearance.
Other courses you may like
BSc (Hons) Human Communication
BSc (Hons) Sociology
BSc (Hons) Psychology

Students learn in a world-leading environment from academics who are leaders in the field. The innovative and research-informed curriculum is supported by an in-house speech and language therapy clinic led by specialist practitioners. City has close links with speech and language therapy services throughout London.

Course structure

Year one

Students explore the foundations of hearing, speech and language and the process of human communication in the social and clinical context.

Core modules:

- Hearing and speech sciences 1: phonetics
- Language sciences 1: linguistics
- Bio-medical sciences 1: anatomy and physiology
- Lifespan studies
- Social context
- Professional studies.

Year two

Students explore the nature of speech, communication and swallowing in children and adults and attend weekly clinical placements.

Core modules:

- Hearing and speech sciences 2: further phonetics
- Language sciences 2: speech and language development
- Bio-medical sciences 2: neurology and disorders of the ear, nose and throat
- Developmental psychology
- Speech, communication and swallowing disabilities
- Professional studies.

Year three

The course examines the nature of cognition, language and communication disabilities in children and adults. Students attend weekly clinical placements.

Core modules:

- Research and evidence-based practice
- Language sciences 3: language processing, brain and behaviour
- Language, cognition and communication disabilities
- Professional studies.

Year four

The focus is on research, professional development and entry to the profession. Students conduct a small-scale piece of research and complete a block clinical placement.

Core modules:

- Research and evidence-based practice
- Professional studies.

A typical week consists of three days at City, one day in a clinic and one day of private study. The course is assessed through coursework, clinical reports and written and practical exams.

Career opportunities

Graduates can work with clients of all ages in health centres, hospitals, schools, charities and universities both abroad and in the private sector. Graduates can also go on to study an advanced practice MSc at City.

Accreditation

Graduates can register with the Health and Care Professions Council and practise as a speech and language therapist.

Human Communication

BSc (Hons)

The BSc (Hons) Human Communication is a flexible and innovative degree that provides a fundamental understanding of how communication develops, how it works and how it can break down.

UCAS code
B621
Duration
3 years
Entry requirements
Typical offers require one of the following:
'A' Level
320 UCAS tariff points (typically ABB at 'A2' Level)
IB
33 points
Access to HE Diploma
Relevant health or science subject
BTEC
Extended Diploma in Health and Social Care or Science-related subject: DDD
In addition, the following is required
GCSE
5 GCSEs at grade C (or equivalent), including English Language and Mathematics
English language requirements
IELTS: 6.5 overall with a minimum of 6.5 in the spoken and written components
TOEFL: 110 internet-based total

Other courses you may like
BSc (Hons) Psychology
BSc (Hons) Sociology
BSc (Hons) Speech and Language Therapy

Students develop crucial skills in analytical thinking, written and verbal communication, critical appraisal, teamworking and organisation. Students benefit from high-quality and research-informed teaching and share core modules with City's BSc (Hons) Speech and Language Therapy students. Students who achieve at least a 2:1 degree are guaranteed a place on the Postgraduate Diploma in Speech and Language Therapy at City.

Course structure

Year one

The course establishes the foundations of hearing, speech and language. Students study four core modules and one or two optional modules.

Core modules:

- Hearing and speech sciences 1: phonetics
- Language sciences 1: linguistics
- Bio-medical sciences 1: anatomy and physiology
- Lifespan studies.

Examples of optional modules:

- Social context
- History and theory of psychology
- Introduction to sociology.

Year two

Students explore the nature of speech and communication in children and adults and study research methods.

Core modules:

- Hearing and speech sciences 2: further phonetics
- Language sciences 2: speech and language development
- Bio-medical sciences 2: neurology and disorders of the ear, nose and throat

- Developmental psychology
- Research and evidence-based practice.

Examples of optional modules:

- Instrumental techniques in speech and hearing sciences
- Forensic phonetics
- Personality and differential psychology
- Introduction to sociological theory and analysis.

Year three

The focus is on both a research project and the nature of cognition and language in children and adults.

Core modules:

- Language sciences 3: language processing, brain and behaviour
- A research project.

Examples of optional modules:

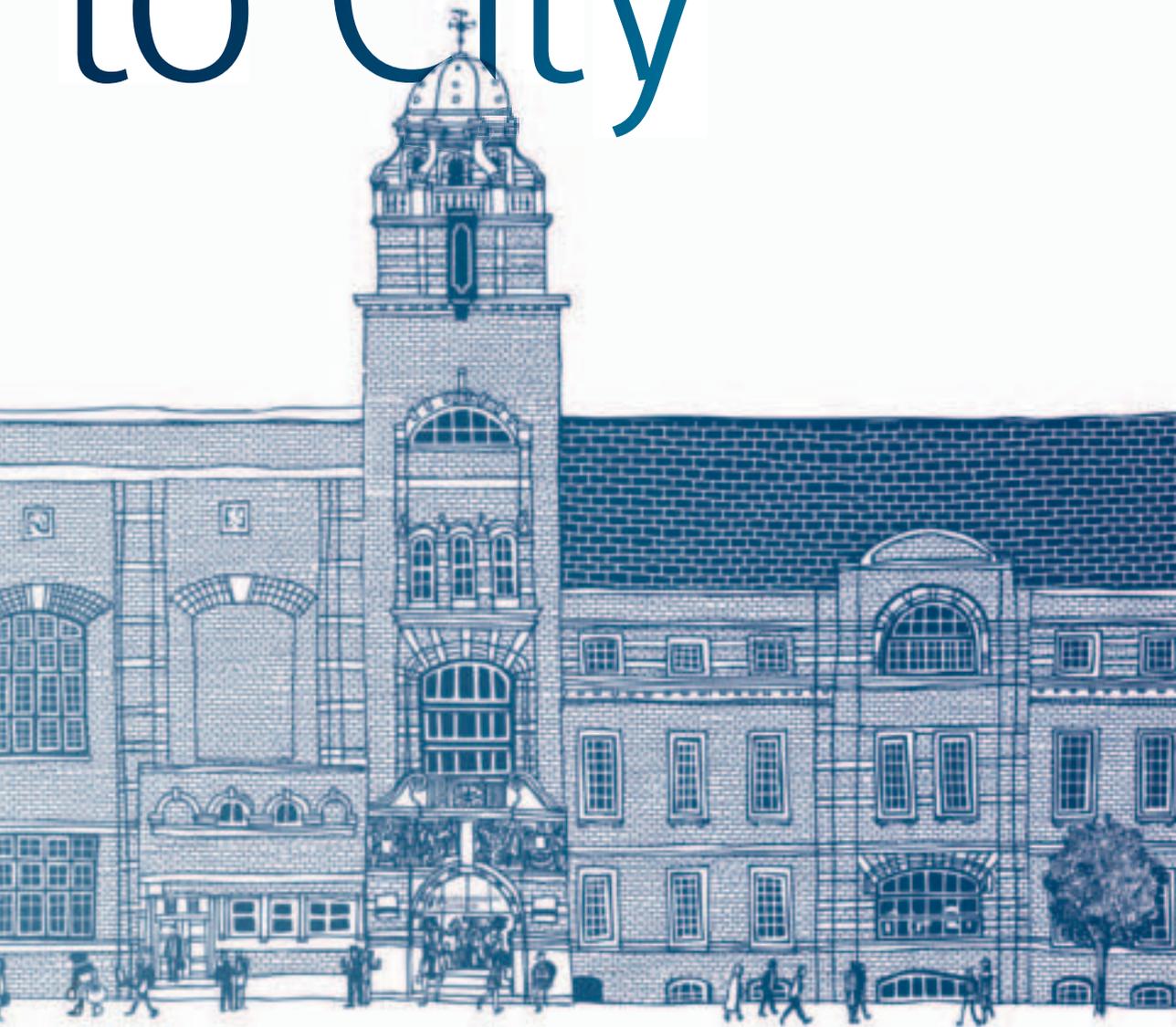
- Sociolinguistics
- Language and gender: critical approaches
- Judgment and decision making
- Introduction to sociological theory and analysis.

Learning methods include large-group lectures, small-group workshops, tutorials, laboratory work and online and self-directed learning. The course is assessed through coursework – written and oral examinations and a research project.

Career opportunities

The degree leads to careers in which communication skills and processes are central. Careers can include roles in both the public and private sectors. Graduates can also progress to postgraduate study in teaching, speech and language therapy or audiology for example.

Applying to City



We offer high-quality, challenging courses to applicants who demonstrate the preparation and potential to succeed.



Making the grade

A guide to entry requirements

Our admissions and selection processes aim to assess you fairly and consistently. We judge applications on individual merit, taking into account your academic achievements, relevant experience and your motivation to undertake the course.



Email enquiries
ugadmissions@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 8716



Find out more, visit
www.city.ac.uk/ug2014/applying

General requirements

To enter a degree course at City, you must:

- Satisfy the University's general minimum requirement
- Satisfy the individual course requirement
- Be accepted by the course admissions tutor.

To meet the University's general requirement you should have or expect to obtain before admission:

- Passes in two subjects at 'A' level or
- One 12 unit Double Award or
- Other equivalent matriculation qualification.

Other qualifications which meet the general requirement are:

- Cambridge Pre-University
- The International Baccalaureate Diploma
- The Welsh Baccalaureate Advanced Diploma
- Scottish Qualification Advanced Highers (SQA) and Advanced Highers
- The Irish Leaving Certificate Higher Level
- The European Baccalaureate
- Business Technology and Education Council (BTEC) Nationals (Qualifications and Credit Framework – QCF)
- An Access to Higher Education Qualification.

Requirements for specific courses

In addition to general requirements, admission to most courses requires passes in a specific subject or subjects relevant to the course. See the entry requirements box on each course page in this Prospectus for more details.

English language and Mathematics requirements

All applicants are required to demonstrate that their ability to understand and express themselves in written and spoken English is sufficient for them to be able to benefit from and participate fully in their degree course.

A pass in one of the following qualifications is the minimum expectation of the University:

- GCSE English language at grade C or above
- International GCSE in English as a second language at grade C or above
- IELTS test of the British Council at 6.0 overall or above. Please see course pages for information on requirements for components of the IELTS test
- Test of English as a Foreign Language (TOEFL) with 87 (internet-based test) or above. TOEFL is not considered suitable for Journalism
- UCLES Certificate of Proficiency in English (CPE) at grade C or above.

Some courses will ask for more than the minimum English language requirement, so please check the relevant course page in this Prospectus.

A pass at grade C or above in General Certificate of Secondary Education (GCSE) Mathematics or equivalent is a minimum requirement of the University. Some courses will ask for more than the minimum Mathematics requirement, so please check the relevant course page in this Prospectus.

If you hold a qualification that is not listed, you should contact the Admissions Office to find out whether it is acceptable.

Typical offers

The typical offers shown on the course pages of this Prospectus indicate the usual standard of achievement expected on joining the course. The offer you receive may be different from this indicative standard. It is important to remember that many of our courses are very competitive and possessing the minimum requirement does not guarantee admission.

Acceptable qualifications

We welcome applications from candidates offering combinations of 'A' levels, Advanced Subsidiary, Vocational 'A' Levels and Vocational Advanced Subsidiary. Typical offers will stipulate grades to be attained in Y13. They will usually be framed around successful completion of at least 18 units or the three full 'A' Level equivalents. We would hope that candidates would take four AS Levels in Y12, converting three of them to 'A' Levels in Y13. We appreciate that we will be presented with a wide variety of subjects at AS Level and look favourably on applicants who offer their fourth AS in a contrasting subject. We understand the differences in resources between schools and endeavour not to disadvantage applicants who have been unable to take four AS Levels.

The University excludes 'A' Levels in General Studies, Citizenship Studies and Critical Thinking.

14–19 Diploma qualification

We welcome the introduction of the 14–19 Diploma qualification. Diploma applicants will be considered on a case-by-case basis where appropriate subjects have been taken. Many courses will demand an 'A' Level for Additional and Specialist learning while some will require a particular Specialist Unit. More detailed information will be published on our website and our UCAS entry profiles when it becomes available.

Overseas qualifications

We have extensive experience in welcoming students from many countries and assessing their educational background. School-leaving qualifications that may be considered for entry include:

- Australian school leaving certificates
- Canadian school leaving certificates
- Hong Kong Advanced and Advanced Supplementary
- Indian Year XII (some boards)
- International Foundation courses from a recognised provider
- Iranian Pre-University
- Malaysian Sijil Tinggi Persekolahan
- USA Advanced Placement tests.

Please contact the Admissions Office with any queries about University policy on overseas qualifications. More details on common overseas qualifications accepted at City can be found on our website at www.city.ac.uk/international.

Non-standard entrants

Applicants who do not have the standard academic requirement but who have significant life or work experience may be considered on individual merit. The course descriptions in this Prospectus give you a general indication of an appropriate background for a course.

Although you will need to apply for the course through UCAS, it is a good idea to contact admissions tutors first. They will discuss with you whether the degree is likely to help you achieve your goals and how your experience and educational background match the course requirements.

Evidence of recent study, such as an 'A' Level evening class, an Open University Foundation course or a kite-marked Access course, is helpful. Some courses at City have Foundation courses that prepare you for the first year of an undergraduate degree: please see subject pages for details of these courses.

Equal opportunities

All applications are considered on individual merit and in accordance with our equal opportunities policy. Our admissions staff will look at your qualifications, background and experience and aim to ensure that you are given full and equitable treatment in pursuing your chosen course of study.

We admit students with the potential to succeed in higher education and welcome applications from people regardless of their gender, religion, age, race, national origin, social background, marital or parental status, sexual orientation or disability. We are also committed to the principles of widening participation and encourage applicants from disadvantaged and non-conventional academic backgrounds.

UCAS tariff tables

The UCAS tariff allocates points to various qualifications, allowing us to make comparisons between applicants with different qualifications.

If you receive an offer that contains a tariff points score, you must read the conditions carefully to ensure you understand what you are required to achieve. Some offers, for example, may exclude certain subjects or units from your total score. An explanation of the UCAS tariff and a full list of the qualifications it covers is available on the UCAS website.

BTEC Qualifications (QCF) Suite of qualifications known as Nationals

Grade				Tariff points
Extended Diploma	Diploma	Subsidiary Diploma	Certificate	
D*D*D*				420
D*D*D				400
D*DD				380
DDD				360
DDM				320
DMM	D*D*			280
	D*D			260
MMM	DD			240
MMP	DM			200
MPP	MM			160
		D*		140
PPP	MP	D		120
	PP	M		80
			D*	70
		P	D	60
			M	40
			P	20

OCR nationals

Grade			Tariff points
National Extended Diploma	National Diploma	National Certificate	
D1			360
D2/M1			320
M2			280
M3	D		240
P1	M1		200
P2	M2/P1		160
P3	P2	D	120
	P3	M	80
		P	40



Telephone enquiries

UCAS Customer Contact Centre:
+44 (0)871 468 0468



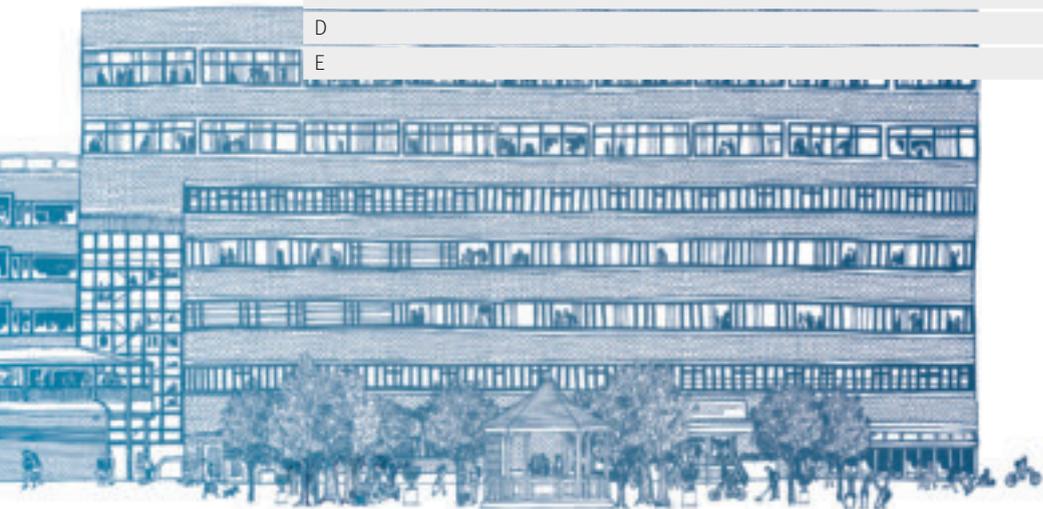
Find out more, visit

www.ucas.com



General Certificate of Education (GCE: 'A' Level) and Advanced Vocational Certificate of Education (AVCE)					
Grade					Tariff points
GCE and AVCE Double Award	'A' Level with additional 'AS' Level (9 units)	GCE 'A' Level and AVCE	GCE 'AS' Level and Double Award	GCE 'AS' Level and 'AS' Level VCE	
A*A*					280
A*A					260
AA					240
AB					220
BB	A*A				200
BC	AA				180
	AB				170
CC					160
	BB				150
CD	BC	A*			140
DD	CC	A	AA		120
	CD		AB		110
DE		B	BB		100
	DD		BC		90
EE	DE	C	CC		80
			CD		70
	EE	D	DD	A	60
			DE	B	50
		E	EE	C	40
				D	30
				E	20

Progression Diploma	
Grade	Tariff points
AA*	350
A	300
B	250
C	200
D	150
E	100



Pathways to City Foundation courses at partner institutions

Foundation programmes
and preparatory routes to
degree courses

We have several successful partnership arrangements that offer preparatory courses if you are seeking entry to undergraduate degrees. These courses ensure guaranteed entry to a specific degree at City, provided that you achieve the grades required.

Our partner colleges and centres are close to City and offer Foundation and preparatory courses. While studying on these courses, you will have access to a range of student services at City. Some courses are intended for students who are studying in the education systems of countries that are not recognised for direct entry to a City degree.

INTO City University London

Together with INTO University Partnerships, the University has established a purpose-built study centre in the heart of London's financial district offering academic preparation and English language courses for international students. As a student enrolling at INTO City you will have full access to City University London's facilities. Courses at INTO City are validated by the University, which provides assurance of the quality and standards of teaching and learning. For more information please see the opposite page.

City and Islington College

A foundation year for UK/EU and international students in Electrical, Electronic and Biomedical Engineering is offered in partnership with City and Islington College. For more information please visit www.candi.ac.uk/he.

Kaplan International College (KIC) London

KIC London provides Foundation courses for international students which lead to entry to City University London undergraduate degrees. KIC London offers comprehensive support including regular one-to-one tuition. Progression to the University is guaranteed if you complete your KIC London course at the required level. For more information please visit www.kiclondon.org.uk.

Westminster Kingsway College

An Access/Foundation year for UK/EU and international students is offered in partnership with Westminster Kingsway College which prepares you to study Engineering, Mathematics or Actuarial Science at City University London. For more information please visit www.westking.ac.uk.

Additional information

Full information on entry requirements, start dates and how to apply to Foundation programmes can be found on the websites of our partner institutions. You should usually have achieved good grades in your own education system to be considered for a place on any of these courses. Courses also offer English language preparation, either in combination with academic studies or if you simply need to improve your language skills. We also recognise university preparatory courses offered by David Game College and Bellerbys College. Other preparatory courses are accepted on an individual basis.

For further information for international students, please see the International Students section on page 16 of this Prospectus.





INTO City University London International Foundation programme

Our International Foundation programme, run in partnership with INTO combines academic study and English language tuition. The programme prepares international students for university success and provides an ideal route to undergraduate study.

The INTO City University London study centre is located in the heart of London's financial district, a few minutes' walk from Liverpool Street station. The state-of-the-art centre provides first-class teaching and learning facilities for over 1,000 students. As a student on the International Foundation programme you will also benefit from full access to the University's learning and social facilities.

Course structure

If you have completed secondary education in your home country, the International Foundation programme provides academic preparation for first year undergraduate entry and ensures that you meet the English language requirements for your chosen degree.

The programme combines academic study, intensive English language preparation, study skills and cultural orientation.

There are two broad pathways of study:

- Business, humanities and social sciences
- Engineering, computer science and mathematics.

Students who successfully complete the International Foundation programme, subject to achieving the specified grades for progression to their chosen degree, will be guaranteed entry to the first year

of a wide range of undergraduate courses at City University London in one of the following subject areas: business, management, economics, journalism, law, social sciences, computer science, engineering and mathematical sciences.

Start dates

July, September and January

Duration

- Four terms or approximately 12 months
- Three terms or approximately 9 months

Entry requirements

Completion of 12 years of schooling (or local equivalent to meet the same standard) with good grades.

English language requirements

- Four term programme: IELTS 5.0 (with a minimum of 4.5 in writing) or equivalent
- Three term programme: IELTS 5.5 (with a minimum of 5.0 in writing) or equivalent
- If you do not meet the minimum English language requirement you should apply for English for Undergraduate Study or Pre-Sessional English course at INTO City University London
- Tuition fees: For the most current fee information, please visit the INTO City University London website.

How to apply

Applications for the International Foundation programme must be made directly to INTO City University London. To download an application form or apply online, find out more about the courses available and specific entry requirements, please visit the INTO City University London website.



Find out more, visit
www.intohigher.com/city

The next step

Applying to City

Applications for degree courses must be made through UCAS. You can apply through your school or college using the Apply system, which enables you to submit your application directly to the UCAS website.

You can apply for up to five universities on the form. Please take care to enter the correct course code, particularly for subjects with a foundation year or with BSc and BEng options. UCAS has implemented an 'invisibility of choices' policy so that, on the initial application and while you are receiving decisions, each university can see only their entry and not those of other universities you have chosen. This ensures that your application for a course at City is considered solely on your academic and personal qualities.

You should submit your completed application form to UCAS with a £23 application fee. If you want to apply to City University London only, you can make a single choice application at a reduced rate of £12. The UCAS code for City University London is C60.

For general enquiries about the admissions process, please contact the Admissions Office.



Email enquiries

ugadmissions@city.ac.uk



Telephone enquiries

+44 (0) 20 7040 8716

When to apply

Your application for entry in September 2014 should arrive at UCAS between 1st September 2013 and 15th January 2014. Applications that arrive after 15th January 2014 will be considered only at the University's discretion. When your application is acknowledged by UCAS, you will be sent a personal identification number so that you can access your records via Track on the UCAS website.

All dates and fees are correct at time of print. Please check the UCAS website for up-to-date information.

For enquiries relating to your application, please visit the UCAS website.



Telephone enquiries

UCAS Customer Contact Centre:
+44 (0)871 468 0468



Find out more, visit

www.ucas.com





Open Days in 2013

Your future starts here

Open Days at City University London give you a chance to experience all that we offer. By visiting our campus in central London, talking to our current and former students and meeting our academic and admissions staff, you can gain an insight into life at City and advice on applying for your chosen degree.



Email enquiries
opendays@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 3161



Find out more, visit
www.city.ac.uk/ug2014/visit-us

On a typical Open Day, our Northampton Square campus will be open from 10.00am. Current students are on campus throughout the day to help you find your way around and to answer any questions you may have about life at City. They also run regular tours of the campus, allowing you to visit our Schools and libraries, the Student Centre and our halls of residence.

Open Days are a great opportunity to find out more about courses that interest you. There is always a full schedule of talks, led by academic staff, on the degrees we offer at City. These talks cover entry requirements, course content and structure and opportunities for work placements and study abroad. Academic staff are also available during the day, ready to answer any questions you may have. Finally, talks run by our Student Centre and our Students' Union cover areas from funding your studies and options for accommodation through to sport, leisure and social events.

In 2013, our Open Days are on 29th June and 28th September. We hope to welcome you to City then.

If you are unable to visit us on one of our Open Days, we run regular student-led campus tours through the year. We also offer spotlight tours: if you know what subject area you are interested in, a spotlight tour gives you the chance to visit City and meet with staff and students who are educating and learning in the same subject area. Alternatively, look out for the City team at UCAS, school and college events in 2013.

For more information on Open Days, tours and events, please visit our website.

Open Days in 2013 will be held on:

Saturday 29th June

Saturday 28th September



Open Days in 2013
will be held on:
Saturday 29th June
Saturday 28th September



For a preview of what you will see when you visit City on one of our Open Days, scan this page using the Aurasma app on your smart device to view a video tour of our campus. You can also watch the video on our website, at www.city.ac.uk/2014/tour

A central London location

Maps, addresses and transport links

The address for City's main University campus is:

City University London
Northampton Square
London
EC1V 0HB
United Kingdom

Reaching City from within London

The nearest Underground stations are Angel and Old Street on the Northern line (Bank branch) and Barbican and Farringdon on the Metropolitan, Circle and Hammersmith & City lines.

Bus routes that pass close to City include the following:
4, 19, 30, 38, 43, 55, 56, 63, 73, 153, 205, 214, 243, 274, 341, 394, 476.

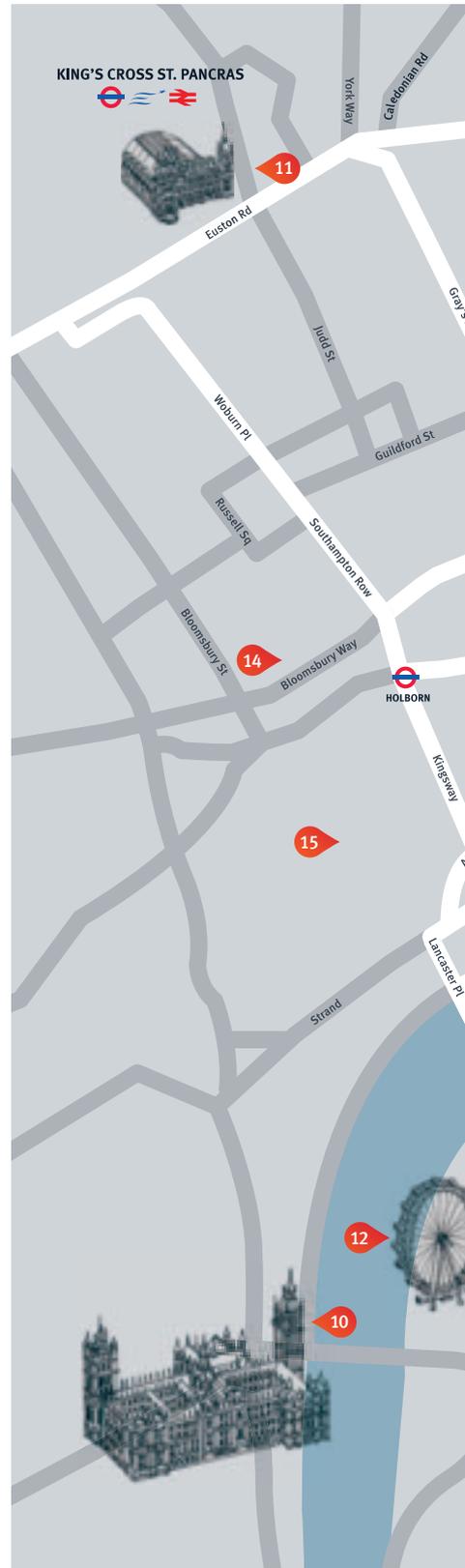
Secure parking for bicycles is available on campus.

Parking in central London is limited and can be costly. There is metered parking available on the roads surrounding Northampton Square and the nearest National Car Park is on Pear Tree Street. Please also note that almost all of City's sites are within the congestion charging zone and drivers are liable to a daily charge.

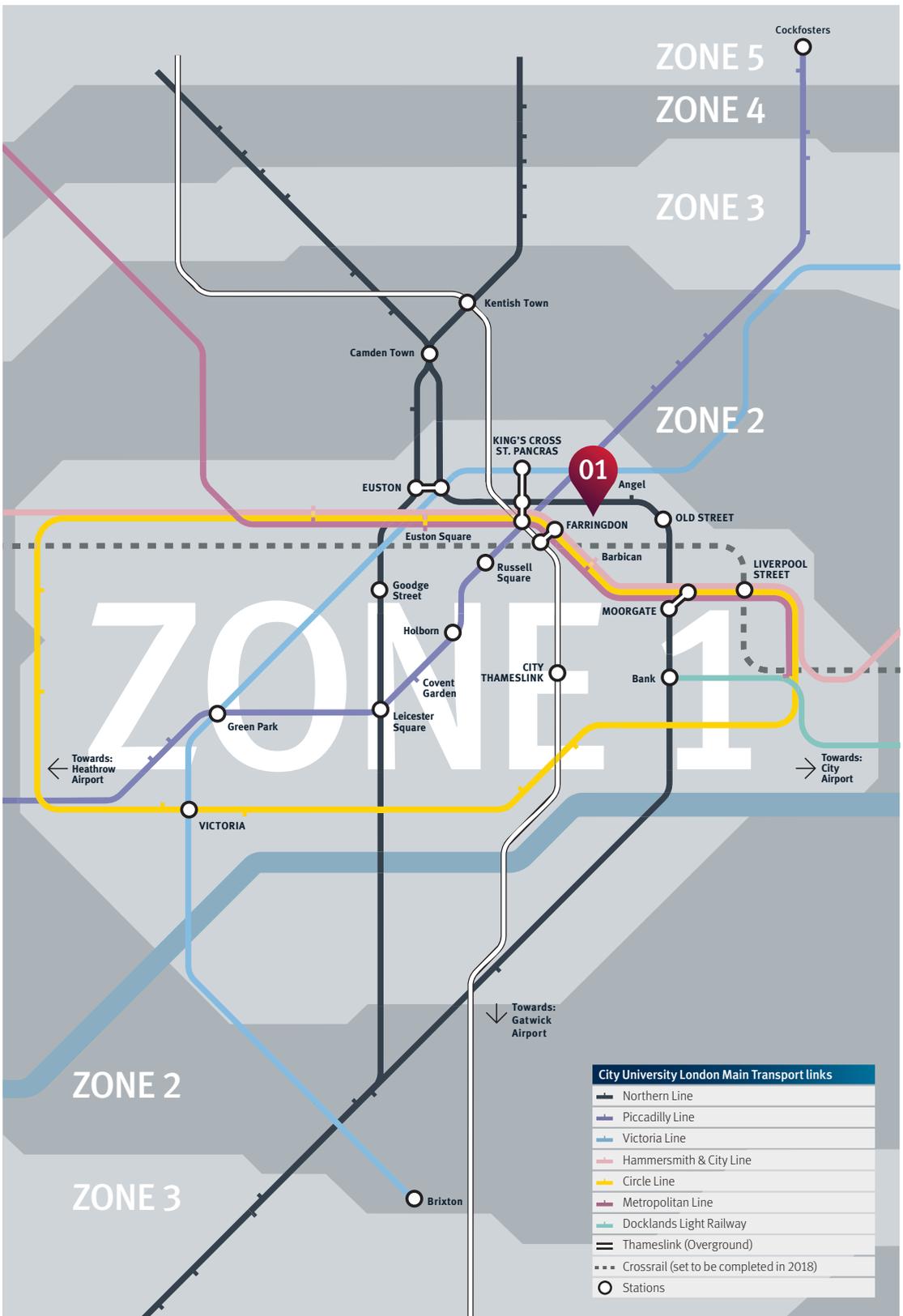
Reaching City from outside London

- Coach and train terminals in London link with Underground and bus networks
- Rail services connect Gatwick and Luton airports with Farringdon station
- The Heathrow Express train service connects Heathrow Airport with Paddington train station
- The Docklands Light Railway (DLR) connects London City Airport with Bank station
- The Stansted Express train service connects Stansted Airport with Liverpool Street station

To plan your journey to City, visit our website at www.city.ac.uk/visit. The Transport for London website also provides up-to-date information on public transport: www.tfl.gov.uk.



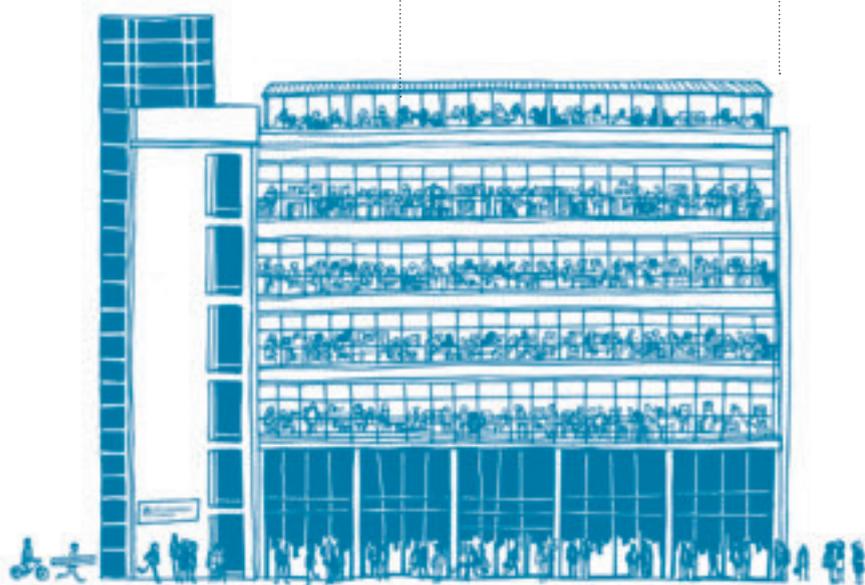




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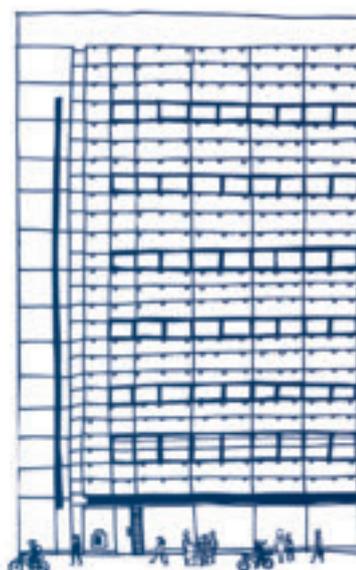
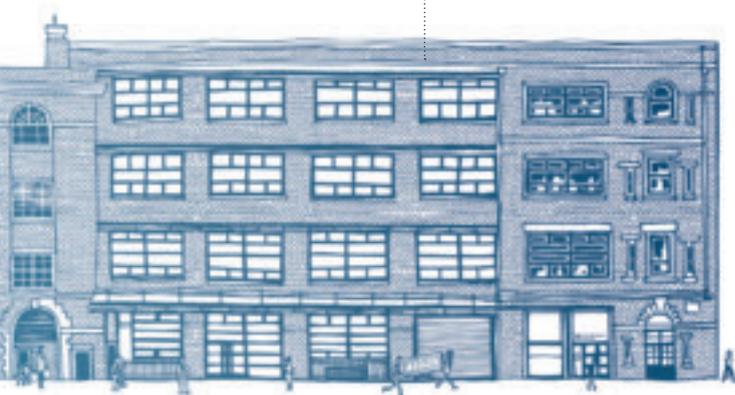
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Any section of this publication is available upon request in an accessible format. For further information, please email citypublications@city.ac.uk or call **+44(0)20 7040 8631**.

The information in this Prospectus is accurate at the time of going to press to the best of our knowledge. However, changes can occur in the interval between publication and the academic year to which the Prospectus relates.

Applicants should visit www.city.ac.uk for further information, updates or changes.

Design and production: Mosaic, Brighton

Print: Linney Group

Project management: Marketing & Communications, City University London

Editing and copywriting: Carrie Geld; Sheridan McCoid

Editorial assistance: Ajay Basra

Videography: Bogdan Maksak

Illustrations: Vic Lee; Katherine Baxter

Photography: Laurie Griffiths; Simon Ellis; David Oxberry; Duncan Phillips; Laura Mtungwazi; LKM Photography; Greyscale Photography.



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