CITY UNIVERSITY LONDON

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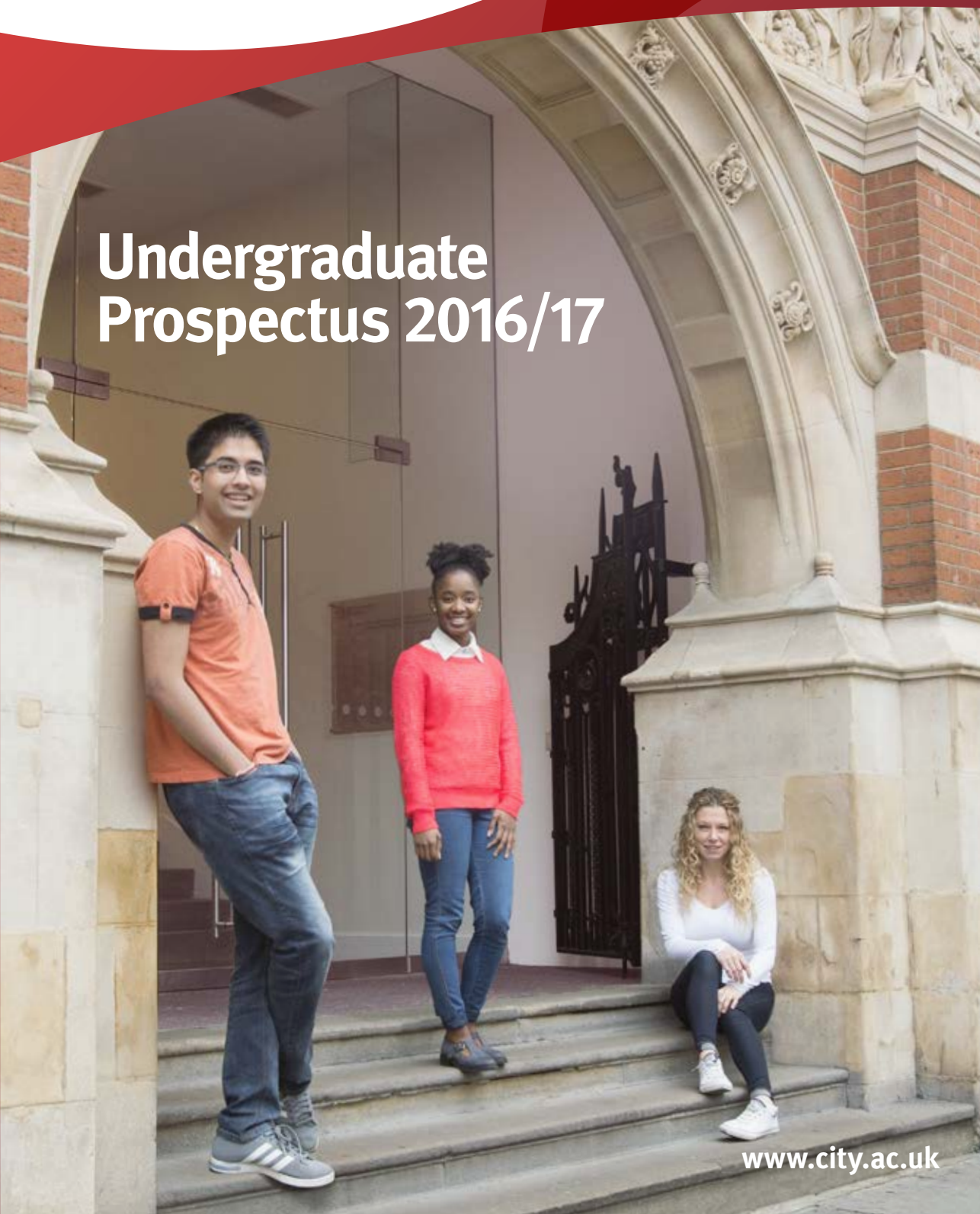
Academic excellence for business and the professions

Undergraduate Prospectus 2016/17



www.city.ac.uk

Course directory

Start here.
Go anywhere.

Dimitri Dolor
BSc (Hons) Speech and Language Therapy, second year

I would like to practise as a qualified speech and language therapist within the justice system. A high percentage of individuals in young offenders units and prisons have unidentified speech, language and communication needs. I would love the opportunity to give individuals the best chance of successfully integrating back into society. At City, I am learning from leading academics in the field and I am able to put this knowledge into practice during my clinical placements.

Abdul Hakimi
LLB (Hons) Law, third year

City has a strong focus on employability and has been superb at providing future career advice. I have attended many events held at City by different law firms and banks, as well as other groups interested in recruiting law students. I have learnt at City that you must pre-plan your progress towards a role as a lawyer or whatever career you wish to enter into. I will be going on to do my LPC and, after successfully receiving a training contract, will practise law in a city firm.

Sidharth Deepchand
BSc (Hons) Actuarial Science, second year

I would like to become an actuarial consultant, helping businesses increase profits by analysing their current financial conditions and making recommendations for future decisions and actions. I like to meet new people and consulting is a very client-facing profession. I have completed an internship in a life insurance firm and I plan to gain insights into more companies before I pursue my ultimate goal to get into consultancy.

Katarzyna Bulka
BSc (Hons) Mathematical Science with Finance and Economics, third year

After graduation I would like to work in the financial sector, preferably in an investment bank. I would be well suited to work in a risk department because it involves analytical thinking and working with numbers. During my second year, I took part in the Professional Mentoring scheme to improve my professional development. As a result, I got a summer internship in a top investment bank. My ambition is to become a director of an investment bank.

Andreea Amariei
BSc (Hons) Economics with Accounting, second year

My goal is to work in management consultancy because I would be able to work with a variety of people, with each case presenting specific and unique challenges. The networking events held by City are really useful. I have had the opportunity to talk to many employees from different companies and gain insight into their businesses. This has made it easier for me to decide which path to follow after university. I have been able to apply the knowledge I have learned in my course to applying for internships.

Welcome to City

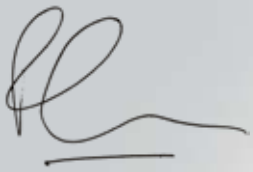
Thank you for your interest in our University. City University London is certainly a special place. With skill and dedication we have, for over a century now, used education, research and enterprise to transform the lives of our students, our community and the world.

City is a leading global university (among the top five per cent of universities in the world) and the only university in London to be both committed to academic excellence and focused on business and the professions. We attract over 19,500 students from more than 150 countries and academic staff from over 50 countries.

Furthermore, we are among the top five universities in the UK for graduate-level starting salaries.

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 30 for further details) and guaranteed accommodation for all of our first year undergraduates.

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

Professor Paul Curran
Vice-Chancellor

Professor Curran joined City University London in 2010 having served previously as Vice-Chancellor at Bournemouth University and Deputy Vice-Chancellor at the University of Southampton. A former NASA research scientist and advisor to the European Space Agency (ESA), Paul's award-winning work in ecological Earth observation, involving the use of satellite sensors to monitor the environment, is published widely. With a focus on climate change, his current research involves the estimation of terrestrial chlorophyll content from regional to global scales.

City, London and you

Samantha Baddick
BSc (Hons) Speech and Language Therapy, third year

London has provided many cultural, professional and social opportunities for me. Studying in London means exposure to diverse work placements, which helps us to make informed decisions regarding the career path we wish to pursue. I would like to work as an adult speech and language therapist, helping patients whose difficulties arise as a consequence of neurological impairment such as stroke, head injury, dementia, neurosurgical intervention, respiratory, oncology, tracheostomy, learning disabilities or general medical issues.

Sandip Karki
BSc (Hons) Management, first year

Having lived in London my whole life, interacting with students from all over the world is exciting. I currently have a huge interest in the automotive industry; being a car enthusiast, a career in this field would be ideal for me. In my course, I have been given the opportunity to discuss research and even provide presentations about the automotive industry, helping develop my interest even further. The service City provides to ensure students are prepared for interviews, as well as assistance with their *cv* and cover letters, is outstanding.

A central London location ensures that one of the world's most stimulating cities is your campus.

City University London is located at the heart of one of the most vibrant cities in the world. A recent international survey of 200,000 people carried out by the Boston Consulting Group and Totaljobs showed that London is the most desired place to work in the world. The English capital is a truly global city, boasting a wealth of jobs across a range of industries and some of the world's top cultural attractions.

A degree at City gives you all of this on your doorstep and a fantastic platform to explore everything that London has to offer. The University's location at the heart of industry in this bustling and dynamic city opens up a world rich in opportunity for its students. Iconic workplaces are a London speciality. To name just a few: the City of London, the Bank of England, Canary Wharf, Guy's and St Thomas's Hospitals, the Inns of Court and East London Tech City.

London is also a multicultural melting pot, with 2.8 million foreign-born inhabitants from 270 countries who speak over 300 languages. That's around a third of the total population of the city, more than any other world metropolis.

From shops, cafés and restaurants to museums, galleries and arts venues; from leading Premier League football teams to nightclubs and from cityscapes to green spaces, London is a city for everyone.

City's main Northampton Square campus sits between three of London's most popular districts. Islington offers tantalising dining and shopping options, Shoreditch buzzes with entrepreneurial creativity and lively nightlife, while Clerkenwell is a hub for trend-setting design and cosy bars.

Business and the professions

Elle Rudd
BA (Hons) Journalism, second year

I would love to work for a broadcast company such as the BBC or Al Jazeera, documenting and reporting what is going on in conflict zones worldwide. Although the news seems saturated with reports of constant war and conflict, there is still so much going on that we don't see and that needs to be communicated. I am also very interested in sport journalism, specifically motorcycle racing. At City I have learned both the theoretical and practical side of journalism and had the opportunity to meet industry professionals and use them as contacts in a real-life news room.

City has developed a strong reputation for academic excellence and a close relationship with business and the professions.

In 1894, the Northampton Institute was founded to "promote the industrial skill, general knowledge, health and well-being" of young men and women from Islington. The Institute became City University London in 1966, when it was granted a Royal Charter, but our close links to business and the professions remain as important today as they were 120 years ago. Our students benefit from these relationships both during their studies and when the time comes to start their careers.

Undergraduate degrees at City have been developed by outstanding academic staff with the input of employers and leading figures in industry. Almost all of our degrees offer the opportunity to undertake a work or clinical placement or a period studying abroad, allowing you to broaden your horizons and professional network while gaining critical skills for your future.

Our academic staff are engaged in research that is transforming the world in which we live. Whether they are developing biomedical sensors to improve survival rates of patients in intensive care, or leading unique research into social attitudes across Europe, you will be educated by academic staff who are at the forefront of their fields.

Find out more

Full details of City's Careers, Student Development & Outreach Service are described over the next eight pages. To discover further opportunities for work placements and studying abroad, see the course pages, starting on page 34. You can also read about the world-leading research taking place within City's five Schools.

Employability

Gary Argent
Director of Careers, Student Development & Outreach

We assist students in planning the steps that they will need to take to get the graduate job they desire. We help them clarify their aspirations, research the sectors and employers that interest them, understand the skills and experience that are important to be successful and come up with a plan to gain those skills. We offer a range of developmental opportunities, introduce them to employers, highlight vacancies and help them prepare for the selection process by reviewing their *cv* and applications. We also provide interview coaching, mock assessment centres and practice aptitude tests.

Yashwardhan Banthia
BSc (Hons) Economics, third year

The Careers, Student Development & Outreach team have provided invaluable support, which will help me to achieve my career goals. I have received guidance on structuring my *cv* and writing applications. I have also been involved in City's Professional Mentoring scheme whereby I received advice and support from an industry professional. This opportunity has helped me immensely and has given me insight into what is expected of me when I start work. When I graduate I hope to pursue a Masters degree in Real Estate Development and become a finance consultant.

With the support of our outstanding Careers, Student Development & Outreach team, students enjoy excellent global employment prospects upon graduating from City.

Every student is keen to know they will have access to as much support and advice as possible when it comes to finding their ideal job after university. Whether it be applying for jobs and attending interviews, or gaining experience for life in the workplace, City offers exceptional support. The team will support you all the way through your journey towards getting your preferred job.

With professionally accredited courses and close links to 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 among the top five universities in the UK for graduate-level starting salaries.

Specialist careers advice

The Careers, Student Development & Outreach team is there to help you evaluate your life and career goals and plan the steps you need to take to achieve your career aims. Discuss your plans at one-to-one appointments from the very first week of your studies.

Strong links with employers

Major employers visit 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.

Employability schemes

This popular programme involves sessions aimed at preparing students for making the transition from education to work, covering all aspects of the selection and recruitment process.

The Snapshot scheme offers City students an opportunity to gain first-hand insight into career paths of professionals (known as guides) with experience and knowledge in the industry and sectors they are interested in.

Experience City

From mentoring and work placements to volunteering and networking opportunities, Experience City is your fast track to valuable and enjoyable activities that will enhance your *cv*. Take a look through the site at **http://experience.city.ac.uk**.

Professional Mentoring

This scheme assigns you a Professional Mentor who will support and advise you towards personal and professional development. This is a great way to complement your studies and develop your confidence, employability and professional network.

Industry insight panel events

The Careers, Student Development & Outreach department regularly hosts 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*.

CityBuddies

CityBuddies matches you with a current student on your course to help you settle in during the first months of university. Your CityBuddy will be there to guide you around the University, show you all the activities that City has to offer and give you a valuable insight into studying on your course.

Find out more

Find more information at **www.city.ac.uk/careers**.

Work placements

Roman Ghafarzada
BEng (Hons) Civil Engineering with placement, third year

During my placement year with Skanska, I was involved in the construction of the 1 & 2 New Ludgate project, which comprises two multi-storey buildings in central London. The most satisfying part of working in the construction industry is witnessing the fruits of your work. Nothing compares to the feeling when you can point to a building and say that you were an important part of its construction. After graduation I would like to become a Chartered Engineer and then work hard to secure a senior post within the construction industry.

City's strong industry links and central London location mean you're perfectly situated to find the relevant and useful work placements you need during your time here.

Work placements are increasingly important in today's competitive job market as they allow you to apply your skills and knowledge to real situations. The right placement will strengthen your applications for graduate jobs when you finish your studies, enable you to earn money and can sometimes lead to you being offered work with the same employer when you graduate.

Graduate, internship and placement opportunities

You can find industrial placement and internship opportunities to undertake while you are studying and graduate vacancies 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, Deloitte, Goldman Sachs, HSBC, PricewaterhouseCoopers and Times Newspapers. Visit **https://careershub.city.ac.uk** for more detailed information.

We organise careers fairs and employer presentations and most of the companies attending these events recruit for placements, summer internships or offer short-term work experience opportunities. You can attend our workshops on job search tactics or take one of our practice aptitude tests which are similar to those some companies use in their selection processes. You can book to see a Careers Consultant and talk through your plans, or even book a mock interview. Visit **www.city.ac.uk/careers** for more information.

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 popular 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 our team.

Student volunteering

You can boost 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.

School of Health Sciences placements

Students studying within the School of Health Sciences are placed in a variety of healthcare settings and benefit from placements at some of London's most prestigious healthcare institutions including Barts Health NHS Trust, University College London Hospitals NHS Foundation Trust, the East London NHS Foundation Trust and Homerton University Hospital NHS Foundation Trust.

Startup City

Dhruvin Patel
BSc (Hons) Optometry, third year

City offers tremendous support for budding entrepreneurs. My ambition allowed me to utilise my knowledge of eye care to start my own company. The CityStarters team helped me through the full-scale production of OcuShield, a protective screen designed to reduce problems such as eye strain, sleep disturbance and increased eye disease, which is caused by blue light transmittance. OcuShield was the winner of CitySpark Stage 1 and Stage 2 and I also received support from within the department to research the early development of OcuShield. Once I have completed my pre-registration year in industry, I hope to expand further into business within eye care or Tech City.

City University London is located on the doorstep of Tech City, Europe's largest cluster of digital and technology startup companies. A place where creativity and imagination meet technology: whatever your entrepreneurial passion, City will help and encourage you every step of the way.

City is committed to developing the next generation of entrepreneurial talent within its student and graduate community, drawing on its heritage as a university established to provide academic excellence to business and the professions. Its unique location between the City of London and Tech City (pictured) means the University is ideally placed to offer a range of support to entrepreneurial students.

EC1V, the University's postcode, has emerged as the top UK postcode for starting a business. Over 15,000 new businesses were started last year, three times as many as any other postcode. The benefits of City's proximity to Tech City include: student employability, research relationships and business collaboration.

Whether you want to start your own company or not, City's focus on Enterprise Education is designed to help all students develop the entrepreneurial mind-set and skills needed to thrive in an increasingly competitive and challenging world.

CityStarters

The CityStarters team runs a wide range of extracurricular Enterprise Education events, programmes and activities which are free of charge and accessible to all students and graduates studying at City, regardless of their course. Visit **www.citystarters.co.uk**.

CitySpark

CitySpark is a "business design and doing" competition where City students can win up to £3,000 to develop a new business idea, test it out with potential customers and then make it happen. Visit **www.citystarters.co.uk/cityspark**.

The Hangout

The Hangout is a specially designed incubator space that provides free desk space and business mentoring support for student and graduate entrepreneurs from City University London. Visit **www.citystarters.co.uk/hangout**.

City Unrulyversity

City Unrulyversity is a free pop-up university in the heart of Tech City with a mission to inform, inspire and empower the next generation of Tech City entrepreneurs. Delivered by leading academics from City University London, City Unrulyversity combines professional relevance with academic rigour, theoretical underpinnings and the latest research. All sessions are interactive and focus on sharing knowledge, discussing ideas, challenging assumptions and reflecting on business practice. Visit **www.cityunrulyversity.com**.

Start-Ed

Start-Ed is a free walk-in centre offering assistance for small businesses and technology startups. The service provides advice on a range of business and legal matters. It is run by law students of The City Law School and supervised by local legal professionals.

Made@City

Made@City is an end-of-year celebration to showcase and reward the best final year student project work from within the University involving creativity, technology and design.

The event brings together students, staff and *alumni* from City and members of the local Tech City community to network and learn more about the innovative new products and technologies that City students have been working on over the past academic year. Visit **www.citystarters.co.uk/made-at-city**.

Cass Entrepreneurship Fund

The Cass Entrepreneurship Fund is a £10 million venture capital fund, providing growth equity to start-up and early-stage companies from across the Cass Business School network. The Fund has financed several high-growth businesses since inception in 2010. The Fund and the Centre for Entrepreneurship were established with the generous support of Peter Cullum CBE, one of Cass's most successful *alumni* and the founder of Towergate Insurance.

Peter Cullum Centre of Entrepreneurship (PCCE)

The Peter Cullum Centre of Entrepreneurship is a focal point for budding and established entrepreneurs across the Cass network. It brings together the skills, experiences and networks of successful entrepreneurs, financiers and business leaders. The Centre helps to focus these resources on the needs of emerging businesses, offering a range of short courses and ancillary services to support entrepreneurs.

Find out more

Follow @CityStarters on Twitter, visit the CityStarters website at **www.citystarters.co.uk** or email **citystarters@city.ac.uk**.

Global connections

Nicole Jojic
BSc (Hons) Business Studies, third year

I have always been internationally minded and wanted to experience as much as possible, which is why I chose to do my degree at City and jumped at the opportunity to do an exchange programme in my second year. During my exchange year, I attended the Undergraduate Business School Leadership Conference (UBSLC) hosted by Emory University in Atlanta. There, I met a great number of other ambitious people from all over the world, enhanced my leadership capacity and participated in case competitions. I hope to get a graduate job at one of the established management consultancy firms in London.

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

Our London location, commitment to business and the professions and highly international community of students and staff mean that City enjoys close links with an extensive network of global academic partners, industry and organisations.

These ties allow us to offer our students opportunities to study or work abroad during their degree and exceptional international employment prospects once they graduate from City.

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 facing cities in the 21st century. The WC2 network's 12 members cover cities across the world including Berlin, Johannesburg, London, New York, Saint Petersburg, São Paulo, Shanghai and Tokyo. The universities are united by their location in the heart of major world cities, their excellence in education and research and their commitment to strategic and academic links. For more information visit **www.wc2network.org**.

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 and take up international internships and for us to welcome visiting academics and speakers.

Study abroad

At City we currently have 130 partner universities in 29 countries around the world. This means that as part of your degree you may have the option to study abroad for a term or full year. This opportunity enables you to undertake a study or work placement depending on the programme of studies. This international experience will help you enhance your *cv*.

Every year City awards over £200,000 in scholarships for students to go abroad. This includes European funding through the Erasmus+ Programme, Exchange Scholarships sponsored by Santander and others. You can apply for this funding by liaising with City's International Office.

Find out more

To find out more about life as an international student at City, turn to page 16 or visit **www.city.ac.uk/international**.

Student life

Issy Cooke
Students' Union Vice President of Education, BA (Hons) Creative Industries, graduated 2014

The core of what I do is to ensure the student voice is being listened to and taken into account at all levels of the University. This ranges from training and supporting programme representatives to trying to get more student representation on the senior committees in the University. We put on events and activities so students can meet other students from outside their programme and feel part of the City community. This year my work has focused on getting students involved as volunteers at the Students' Union.

Rima Amin
Students' Union President 2014/15, BA (Hons) Journalism, graduated 2013

The Students' Union President represents the views of students at the highest level within the University. I'm responsible for taking the lead on campaigns that students are passionate about. The Students' Union exists to make sure students have the best overall experience of university, both socially and academically. We work to represent, serve and support each and every student to ensure students' voices are heard at all levels within the University. My overall goal is to empower students to take the lead and create the change they wish to see.

With comprehensive support for students from day one and a vibrant social and cultural life, City students quickly feel at home.

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 University has a lively social and cultural scene, with clubs and societies, sporting facilities and opportunities for paid employment and volunteering. We also offer comprehensive support to all our students from the first day of their courses. Staff are on hand to offer help with learning, health and well-being, accommodation and careers.

The Student Centre

Even if you have not yet applied for a place at City, 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) works to improve the experience of City students. It provides independent advice on academic issues through the Union Support Service (USS). It organises events and supports student clubs and societies, Raising And Giving (RAG) activity, student media and student-led environmental projects, so that you can play a full part in the City community and make the most of your time here.

Elected student officers represent you before the University and nationally: they ensure that your voice is heard on key student issues and lobby to make sure that you have the support you need to excel.

The Students' Union supports University academic representation by training and supporting student course representatives. To find out more about CULSU, visit **www.culsu.co.uk**.

Clubs and societies

The Students' Union supports social, academic, political and cultural clubs and societies that reflect the diverse interests and origins of the City student body. It also handles the representation and social activities of the University's sports teams. From Amnesty to Anime and musical theatre to mountaineering, there is something for everyone and if your interest is not catered for, the Students' Union can support you to create a new club or society.

Volunteering

There are numerous opportunities to volunteer at City. It is a great way to help others while developing relevant skills, knowledge and experience for your future career. To find out more, visit **http://volunteering.city.ac.uk**.

Widening Participation

At City we are committed to working with and encouraging young people from underrepresented groups to consider and make well-informed decisions about higher education. Every year we employ over 180 City students as Widening Participation Student Ambassadors to engage with young people and schools in the local community.

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 bar, CityBar. During the day CityBar is a great place to eat or relax between lectures. In the evening it becomes a vibrant social space, hosting a range of events.

Sustainability

As part of City's commitment to sustainability, we offer schemes for students keen to make a positive impact on City and the local community, such as Sustainability Leaders and Green Dragons. These schemes enable student ideas to become reality through support and financial investment.

Chaplaincy

The Chaplaincy and Faith Advisory team provides support and guidance to students and staff of all faiths and none. Here you can explore questions of faith, meaning and purpose; learn about world religions; find out about spaces for prayer and reflection and how the University supports your religious practice; speak confidentially; and take part in public events.

Health and well-being

The Student Health Service is a nurse-led advisory service available to all students. We provide a daily drop-in clinic for advice with minor illnesses and injuries and general health information. We also offer Meningitis C and MMR vaccinations and help you to register with a doctor (GP) close to your home.

Student Counselling and Mental Health Service

Professional and confidential counselling services are available to all students. You can discuss any issues you might have, such as relationships, loneliness, study worries, sexuality and depression. We provide group and individual counselling sessions, cognitive behavioural therapy, workshops, mental health advice and mentoring.

Dyslexia and specific learning difference support

We have a dedicated team to support you if needed with specific learning differences, such as dyslexia. We offer screenings and diagnostic assessments, one-to-one support, advice on funding and liaison with departments across the University to recommend adjustments, including examination arrangements.

Disability support

Our Disability Service provides a range of services for disabled students, including those with mental health difficulties. We offer individual support and advice on how to claim funding and make recommendations for adjustments to help your learning, including liaison with departments across the University to ensure that appropriate arrangements are in place.

International student life

Anirudh Chhapia
BSc (Hons) Software Engineering*, third year

It feels great being a part of City and there is a lot of support available for overseas students. I've met students from all over the world who have made me feel at home and I enjoy the social life at university. I am passionate about how technology can improve business processes and after I graduate I would like to work as a business systems analyst in the technology department of a big firm. The experience that I gained from my placement year has helped me a lot in deciding my career path.

**Course no longer offered at City.*

Bayan Abilmazhinova
BSc (Hons) Business Studies, third year

City has become my second home, probably because there are a lot of societies that unite people from different countries and because many academics are also international. London seems to have an especially friendly atmosphere. When I leave City, I am planning to become a management consultant. I like that this profession is challenging and gives a lot of valuable experience across many aspects of business and different industries. It also provides opportunities to try something new, to travel and to help people.

City students and staff come from over 150 countries, creating a uniquely supportive and cosmopolitan academic community.

We understand that choosing a university and deciding to study outside your home country is one of the biggest decisions you will make. International students form a key part of academic and social life at City and we offer comprehensive support to help you as you apply, prepare to travel, arrive and excel in your studies here.

International Office

The International Office team make frequent overseas visits to attend education fairs and undertake one-to-one counselling with students who are interested in studying in the UK. We also have an extensive worldwide network of representatives to help students with their applications if needed. To find out when we might be visiting your country, visit **www.city.ac.uk/international**.

Contact international *alumni*

City *alumni* and our network of *alumni* groups stretch 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 at **www.city.ac.uk/alumni/international-groups**.

International Student Advisers

City's team of International Student Advisers, based in the Student Centre, is on hand to provide expert advice on visas and immigration through the decision-making and application process, as students plan their travel to London and for the duration of their studies.

Visa requirements

It is essential that you prepare carefully for your visa application to come and study in the UK. Information about applying for a visa to study at City is available at **www.city.ac.uk/studentvisa**. If you need help with the application process or have any specific questions about your situation, you should email our International Student Advice team at **visaadvice@city.ac.uk**.

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 Home Office using a Confirmation of Acceptance for Studies from City, before you will be allowed to enrol with us.

Entry qualifications

To gain a place at City, you will need to meet the University's general and course-specific requirements. Our International 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 the course section of this prospectus.

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 2016. The application deadline for overseas students is 30th June 2016, but we would strongly advise overseas students to submit their applications by 15th January 2016.

Tuition fees

Fees for overseas undergraduate students vary according to the course you intend to study. Up-to-date fee information for the 2016/17 academic year will be available on the University website. If you are an EU citizen and normally reside in the EU, you will normally qualify for the UK fee rate.

Accommodation

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

Find out more

On our website you will find the most up-to-date information about applying to City as an international student, including further guidance on visas and immigration. Visit **www.city.ac.uk/studentcentre**.

Accommodation

Ramandeep Sanghera
BSc (Hons) Mathematical Science, second year

I really enjoy living in student accommodation. It's great to be so close to the University and to be in the centre of the city. Once I graduate I would like to become a mathematics teacher or start my own tutoring company. I really like working with children and like the feeling of helping others. City offers help and support to allow students to recognise their goals and how to achieve them.

All first year students can choose to live in one of City's modern and centrally located halls of residence.

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 residence 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 one to all first year undergraduates who accept a place at City before 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. We have self-catered halls of residence located only 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.

Accommodation bursaries

The City Undergraduate Accommodation Bursary is aimed at home/UK undergraduates ordinarily resident in England, from household incomes of up to £42,611. There are 15 places allocated for 2016/17, each for £2,000, lasting three years per student.

Ensuring you get a room

We guarantee a place for first year undergraduates in halls of residence, providing they accept our offer of a full-time course and apply for accommodation no later than 30th June 2016 (for courses beginning in September 2016). 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 2016, you must let us know so the alteration can be recorded. Your application for accommodation will not be guaranteed until you have done so.

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 **www.city.ac.uk/study/undergraduate/accommodation**. 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 travel 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 at **www.city.ac.uk/study/undergraduate/accommodation/private-housing**. 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.

Find out more

On our website you will find the most up-to-date information about when and how to apply for halls of residence, costs, different types of accommodation and special requirements. Visit **www.city.ac.uk/accommodation**.

Sport at City

Take advantage of our high-tech new sports centre and the huge range of team and individual sports on offer.

Sport plays an important role at City and whether you want to continue with a familiar sport, work out, set new goals, try something new or join a team, the University offers a varied range of activities.

CitySport

CitySport, our brand new sports centre, is the largest student sports facility in central London. Fitted with the latest and most sophisticated fitness equipment across 3,000m^2 of floor space, CitySport provides leading-edge sport and well-being facilities for our students at great value rates.

With 100 stations of gym equipment spread over two floors, including the latest consoles with tablet-style screens, internet access and device connectivity are available at the touch of a finger. Both gym floors are fitted with bespoke training rigs, designed to allow an almost limitless choice of body weight exercises. Facilities are the match of any high end gym in London.

At the heart of the centre is the Saddlers Sports Hall, an elite, Olympic-standard competition space adapted to Sport England standards and able to accommodate basketball, badminton, five-a-side football, volleyball, cricket, netball and other court sports. With bespoke seating for up to 400 spectators and separate team changing rooms, the Hall is a hub for City's representational sports teams and social sport. For those that prefer group exercise, there are purpose-built studios for mind and body classes, indoor studio cycling, martial arts and student team sports.

TeamCity

TeamCity staff are friendly and down-to-earth fitness professionals, here to help you feel at home and, most importantly, achieve your goals.

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 realise your ambitions.

There are many opportunities to take part competitively in sport at City. Many of the University's sports teams compete in either the British Universities & Colleges Sport (BUCS) or the London Universities Sport Leagues (LUSL), playing against teams from other universities on Wednesday afternoons.

We are always keen to support City students in whatever sport they are passionate about. Visit our website to find out more about representing City, training sessions, venues, fixtures and our captains' profiles: **www.city.ac.uk/sport**.

Individual sport

If you have an interest in a particular sport and you are not part of a team, the Sport & Leisure Services 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 well-being 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.

Register

To register for CitySport, visit **www.citysport.org.uk**.

Find out more

For more information about sport at City and the impressive facilities at CitySport, visit **www.city.ac.uk/sport**.

Learning

Sheikh Shahamat Hassan
LLB (Hons) Law, second year

My dream job is to work in a global law firm, focusing on corporate law. Working on cross-border transactions is an exciting prospect, offering the opportunity to learn from experts around the world on international deals that have significant consequences on various economies. You can clearly see the impact your work has, with a lot of the work in this sector likely to make front page news. City has assisted me a great deal in achieving my goal, helping me to secure a placement at a Magic Circle law firm during the summer of my first year of study.

We are committed to providing you with an education that is inspiring, challenging and relevant to the world we live in.

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, healthcare 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

As part of our commitment to academic excellence, we recently carried out a multi-million-pound refit of 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 students can undertake an international study or work placement as part of their course. 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 be responsible for meeting all the costs, although there are grants available for those studying within Europe.

Work placements and internships

There is an increasing demand among employers for students to have completed a period of work experience and many degree courses 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.

Quality-assured education

The Quality Assurance Agency (QAA) is responsible for safeguarding the standards of learning in UK higher education and 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 through surveys and the system of course representatives. This feedback provides invaluable insights that help us fine-tune and improve the learning experience.

Academic facilities

Kyaw Naung
BSc (Hons) Optometry, third year

I spoke to a few students at City before I decided to study here and the feedback was good. It's great being part of a cohort who share similar ideas and ambitions; everyone gets along really well and we are supported by the academic staff. The layout and structure of the course is amazing and I particularly enjoy the clinical skills sessions. I would recommend students to gain work experience as early on as possible; this will help their studies and enhance their employment opportunities.

From our Clinical Skills Centre to our broadcasting studio, subject-specific facilities at City help you prepare for your professional life.

For over 100 years, City has been the University for business and the professions. Our outstanding subject-specific facilities are one result of that close relationship.

They have been designed, often in collaboration with professionals working in relevant sectors, to ensure that our students have the chance to develop professional skills and prepare for their future careers. To find out more about facilities available for your course, visit **www.city.ac.uk/visitus** to reserve a place on a campus tour, find out more about Open Days or take our virtual tour.

Clinical skills and laboratory facilities

Students undertaking degrees offered by the School of Health Sciences, including Nursing, Midwifery, Radiography, Optometry and Speech and Language Therapy, begin to prepare for their clinical placements and professional lives in the University's outstanding clinical skills and laboratory facilities. Our simulated hospital wards include a six-bed high dependency unit with equipment including piped oxygen, call bells, medicines and emergency equipment. Optometry students undertake practical study in our Optometry laboratories (pictured); our Radiography students have access to City's dedicated Radiography Clinical Skills Suite, with x-ray units, ultrasound and digital imaging facilities; and Speech and Language Therapy students are supported by an in-house speech and language therapy clinic.

Journalism studios

Students in the Department of Journalism have use of extensive facilities, including a television studio (see page 4), four radio studios, two radio broadcast newsrooms, two digital newsrooms and two television editing and production newsrooms. These spaces were developed in consultation with experts from the BBC and ITN and students develop their professional skills in collaboration with academic and technical staff.

Engineering laboratories

In 2013, work began to transform the Engineering laboratory facilities at City as part of the University's £135 million investment in its estate. Work on student laboratory and learning spaces has recently been completed, including the expansion of biomedical and electrical engineering laboratories.

Law libraries

The Law Library at City's main Northampton Square campus (pictured overleaf) houses a comprehensive collection of printed textbooks, journals, statutes, law reports, legal reference tools and encyclopaedias. The City Law School Library at Grays Inn Place primarily supports students on professional programmes. This printed provision is complemented by a suite of online legal databases, which can be accessed off campus. A team of qualified law librarians, trained in legal research, support undergraduate students in sourcing legal materials and researching the law.

Financial resources suite and dealing rooms

Cass Business School undergraduate students have access to a Financial Resources Suite which is located in the University Library, Northampton Square. The Suite provides a range of Bloomberg, Thomson Reuters and Morningstar Direct terminals.

In addition, Cass undergraduates are able to use facilities at our postgraduate building at Bunhill Row. This includes use of the Bloomberg and Thomson Reuters dealing rooms, where students can gain experience of the highs and lows of simulated trading in a non-real-time environment.

Libraries and IT services

Rabah Kherbane
LLB (Hons) Law, third year

There were lots of reasons I decided that City was the place for me: the Law School has a prestigious reputation, it is located close to many key courts and legal firms and the University has invested a lot in academic resources for lawyers. Though I love my degree, I've tried to make the most of my time outside the lecture theatre: I've been a Student Representative for my degree; President of the Debating Society; and I've also worked as a Student Ambassador, mentoring school-age students to develop their interview skills.

Rabah and Antonia are pictured in the Law Library, one of five libraries at the University.

Antonia Anderson
LLB (Hons) Law, third year

The Careers, Student Development & Outreach team at City provide exceptional support for students: I've attended skills workshops and events that have allowed me to network with employers in the legal world. Advisers there have also given me advice on applying to legal firms for vacation schemes, which can often be the first step towards a career in the profession. Some of the things that have stood out for me during my time here include being a Student Representative, mooting competitions in my first year and the refurbishment of the Law Library and Common Room: the spaces we now have for studying and socialising between lectures are excellent.

Books, technology and dedicated staff are available to support you as you learn.

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, they contain more than 240,000 printed titles, augmented by 60,000 e-books and over 90,000 electronic journal subscriptions, 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

In addition to books and access to electronic material, our libraries contain software packages, DVDs, musical scores and CDs. Facilities include around 1,500 individual study spaces, group study rooms, equipment to help you prepare presentations and print and photocopying 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 10pm 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 and 24-hour IT support ensure every student benefits from excellent IT facilities. You will receive a Microsoft Office 365 subscription, giving you an email account for life, alongside access to a range of facilities such as instant messaging, video calls and online storage.

Workstations and PC laboratories

Our campus-wide wireless network provision enables you to connect to our services from your own devices and our computer laboratories provide a choice of PCs, Apple Macs and Linux machines. With more than 140 different desktop applications, you will have wide access to the software that you require for your studies. Some laboratories are open 24 hours a day and you can visit the University's intranet to find available machines at any time of day.

Find out more

To find out more about our library facilities, visit **www.city.ac.uk/library**. For information about technology and IT provision, visit **www.city.ac.uk/is**.

Funding

Aakriti Jha
BSc (Hons) Business Studies, second year

I would like to work in the finance and accounting industry after gaining my professional qualification in ACA. After this, I would like to pursue an MBA degree in London and my ultimate goal would be to work for one of the Big Four companies. In my first year, I knew a little about this career path. However, after attending lectures related to my chosen field, I have a much better understanding of what I want to achieve. The course is very challenging and develops you as a person, giving you both hard and soft skills.

Josh Du Sautoy
Financial Support Adviser, Student and Academic Services

I work in the Financial Support team at City, answering queries and supporting students to fund their studies. We administer scholarships and bursaries designed to help students cope with the stress and costs of university life, as well as the Hardship Fund, which is designed to help students who find themselves in financial trouble. I am available to all students who wish to talk about financial issues and offer advice to anyone unsure about the costs of attending university.

A dedicated team within our Student Centre can provide guidance on financial support and money management.

There are many ways of funding your time at 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*.

Financial support and money management advice is available through our award-winning Student Centre. Staff will advise you about budgeting, including your accommodation, food, utility bills, travel, clothes and course materials.

Tuition fees

City University London's tuition fee is currently £9,000 a year for all UK and EU students (2015/16). 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 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 nine per cent of any amount over £21,000 that you earn per annum. So, if your salary is £25,000, you will repay nine per cent of £4,000. Your employer will deduct these repayments from your monthly earnings.

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 £3,387. Eligible students can also apply for a maintenance loan of up to £7,751*, dependent on your personal circumstances. You can apply for student finance online. The application process will assess your eligibility for loans, grants and special allowances.

Hardship funds

The City University London Hardship Fund provides 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 their course in no more than four times the amount of time it would take to do it full-time. 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 BSc (Hons) courses: Midwifery, Nursing, Radiography and Speech and Language Therapy. The maintenance support includes a non-means-tested grant, means-tested bursary and means-tested dependant allowances. Students can also apply for a non-means-tested maintenance loan from Student Finance England, visit **www.sfengland.slc.co.uk** for information.

EU and other international students

If you are a student from the EU 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 dependants

Students with child or adult dependants may be eligible for an Adult Dependants' Grant, Parents Learning Allowance and/or Childcare Grant. You can find more information about these and other potential sources of funding on the Student Finance website*.

Students with a disability

If you have a disability, mental health condition or specific learning difference 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.

Find out more

At **www.city.ac.uk/ug-funding** you will find information and resources to help you plan for your time at City.

* See **www.gov.uk/student-finance** for up-to-date information and advice.

Scholarships, bursaries and prizes

Rory Barton
BSc (Hons) Actuarial Science, second year

Being awarded the Lord Mayor Scholarship for Academic Excellence has been of great financial help to me. I read about the scholarship online and it was one of the key factors that influenced my decision to study at City. I am very ambitious and I hope to have my own business one day. I believe City is a great place to start this process, through learning many important skills and meeting lots of new people.

Aysha Sajid
BSc (Hons) Psychology, third year

The Lord Mayor of London Scholarships for Academic Excellence recognise your achievements and reward students who work hard during 'A' Levels. What's more, you continue to be rewarded if you maintain that standard of work for each year spent studying at university. It's a great incentive to do well. I want to be a clinical psychologist in the NHS and hope to have my own practice one day. At the moment, I am particularly interested in eating disorders and substance misuse but as I gain more clinical experience, the area I want to specialise in will become clearer to me.

Awards are available for City students to help with the cost of living and tuition.

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 and prizes are awarded for exceptional academic achievement and bursaries are available for students from low income households. 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.

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 from the UK or EU who achieve ABB or above (AAA required on some courses) in their 'A' Levels (or acceptable equivalent qualifications) will be eligible for a scholarship of up to £3,000 (£500 for NHS-funded courses).

This money can be spent as you wish and will be paid every year for a maximum of three years subject to satisfactory academic performance.

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 University London Scholarship Programme

City provides a range of scholarships and bursaries for UK and EU students from families with limited incomes. We also provide a series of other bursaries for students who may require additional support, including disabled students and students who have been in Local Authority care. These are designed to help you meet the costs of studying. The scholarships and bursaries are awarded based on specific eligibility criteria through a process of selection. There are a limited number, which means if you are eligible you are not guaranteed an award.

City Future Fund Scholarships

These scholarships are funded by City *alumni* and staff and provide a variety of support, including funds of £2,000. 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 international students, awarded on the basis of academic merit.

Scholarships for international students

City has a range of scholarships for international students depending on your high school qualifications. Please contact the International Recruitment team (**international@city.ac.uk**) or refer to our website for School-specific information about the latest available scholarships.

Find out more

Please note that this information on scholarships, bursaries and prizes is correct at the time of going to press. For updates and more information, please visit **www.city.ac.uk/scholarships**.

Alumni

Your time with City does not end with graduation. City's *Alumni* Network provides opportunities to stay in touch, build professional contacts and support future generations of students.

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

With their help, students gain a taste of the world of work, greater understanding of how a particular industry works and confidence for 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 Sophie Raworth, BBC News anchor.

Here are some of the ways that current students at City can meet and learn from our *alumni*.

Insight into Industry scheme

This scheme offers proactive students the opportunity to meet and shadow professionals working in the profession or industry they are hoping to enter, allowing them to gain valuable first-hand experience.

Industry Insight panels

Alumni and other professional contributors to these events visit the University and give short talks to groups of students about their career paths.

Professional Mentoring

This scheme matches enthusiastic second and third year undergraduates with professionals who can give them tailored advice and support to help them develop the skills and confidence to compete in the employment market. In 2014/15, over 400 relationships between City students and mentors were established. Find out more at **www.city.ac.uk/mentoring**.

Ask *Alumni*

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.

Find out more

Find out more at **www.city.ac.uk/alumni**.

School of Arts & Social Sciences

Eve Carpenter
BMus (Hons) Music, third year

During my second year, I secured experience at two West End musicals, shadowing stage managers on *Charlie and the Chocolate Factory* and *The Pajama Game*. My course includes opportunities to meet speakers and performers from industry and recently an acclaimed film composer gave us advice about being a top professional in the field. It was a real confidence boost as you feel you are being taken seriously by important people. I have really found who I am at City and I think I will graduate as a very different person to when I joined in my first year.

Qudaija Bhayat
BSc (Hons) Economics with Accounting, third year

After graduating, I plan to undertake a Masters to specialise in statistics and become a mathematics teacher. I am really looking forward to seeing the difference I can make. It will be challenging but a very exciting opportunity. Through my degree I have learned to adapt my way of thinking as well as build the knowledge of mathematics and economics needed to confidently teach this subject.

The School of Arts & Social Sciences has a world class reputation for dynamic, inspiring and rigorous undergraduate education. Academic staff at the School are highly regarded in their fields and the research they undertake regularly informs academic debate and political policy at a national, regional and international level.

The School offers undergraduate degrees in the following areas: Cultural and Creative Industries; Economics; International Politics; Journalism; Music; Psychology and Sociology (including Media and Criminology). This diverse range of degrees, combined with a community of students from all over the world, creates a stimulating and vibrant environment for study. Many students at the School are involved in student media, including television and radio programmes and a monthly magazine.

New courses

The School of Arts & Social Sciences is continuously evolving by developing new fields of research and building innovative new courses. At the time of publication the information in this section was accurate, but please check our website for a comprehensive list of undergraduate degrees on offer at the School. **www.city.ac.uk/arts-social-sciences.**

David Osborne
Economist, Department for Communities and Local Government, BSc (Hons) Economics, graduated 2012

I'm a Civil Service fast streamer, currently at the Department for Communities and Local Government. I work in the strategic analysis team, providing economic analysis and briefings for a wide range of policy areas, particularly new and emerging ones. The work is interesting and benefits residents of this country directly. One example is evaluating the quality of life in coastal communities and the impact of the coastal communities fund. In this role, time management is key, as there are usually quite a few projects going on at any one time. I also really enjoy languages and travelling, so I would be really keen on moving to the Foreign & Commonwealth Office in the next couple of years.

Preparing for the future

City's central London location means that students enjoy easy access to the industries and professions they hope to enter upon graduation. Economics students, for example, have undertaken work placements at Goldman Sachs and HM Treasury, while students on the BSc (Hons) Cultural and Creative Industries have worked as part of their studies at the Barbican and the Arts Council. An outstanding Careers Service, industrial connections, practice-based learning, placements, volunteering opportunities and a mentoring scheme all help students prepare for their professional lives and graduates of the School enjoy excellent employment prospects.

Research excellence at the School of Arts & Social Sciences

Academic staff at the School are engaged in diverse fields of research and their work shapes academic debate, informs understanding of the world and influences policy and practice at a national and international level. The Department of Psychology is research and practice-intensive, with expertise in autism, cognitive neuroscience, human memory, behavioural economics, and chartered practitioners in occupational, health and counselling psychology. In International Politics, academic staff have been invited to inform parliamentary committees about topics including the Middle East peace process and global tax avoidance. Research in the Department of Economics is structured around six main research groups: behavioural economics, competition and regulatory policy, health economics, economics of migration, financial economics and macroeconomics. The Department of Sociology is responsible for the European Social Survey, which measures the attitudes, beliefs and behaviour in more than thirty nations. Arts students learn from academics who have had distinguished careers in their professions, whether as television producers at the BBC, globally acclaimed music composers and performers, or record producers and festival managers, while also conducting world-leading research in journalism, music and the cultural sector.

The School's results in the Research Excellence Framework (REF) 2014 showed a substantial rise in the proportion of 'world-leading' (4-star) or 'internationally excellent' (3-star) research compared to the Research Assessment Exercise (RAE) 2008, as well as world-leading impact in a range of subjects.

The next step

Choosing an undergraduate degree is one of the most important decisions a student will make. The pages that follow highlight detailed information on each of the degrees offered, including overviews of course structures, entry requirements and career opportunities. Here is a short overview of what to expect from undergraduate study in the various fields of expertise of the School:

Cultural and Creative Industries: 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 this field involves considering traditional debates around cultural policy alongside contemporary questions on media power and cultural politics.

Economics: 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. Undergraduate degrees typically involve a series of core theory modules and the opportunity to specialise in areas such as industrial, financial, health, labour and monetary economics.

International Politics: 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 graduates are of direct relevance to a wide range of professions, including those in teaching, research, the Civil Service, media, journalism, international organisations, non-governmental organisations, international finance and the private sector.

Journalism: Journalism is concerned with the clear communication of information and ideas. This course provides you with a firm grasp of a wide range of multimedia platforms. These technologies, both old and new, affect how stories are identified, researched and presented. Students develop enduring journalistic attributes, including a critical understanding of historical background, analytical ability and intellectual curiosity, inherent in university education.

Music: Studying for a degree in Music is essentially an interdisciplinary activity, one which engages with many different aspects of the subject as it exists in today's multicultural and technological society: performance, music history, world music studies, music in popular culture, music technology and composition. All this requires the development of knowledge, intellect, imagination and creativity, whether you wish to specialise in one field, or to diversify across several.

Psychology: 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 interact, how we behave and misbehave and how we can sometimes make mistakes. Successful graduates possess strong quantitative, analytical and independent thinking skills and take a critical evidence-based approach to theories and common-sense ideas.

Sociology: 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 quantitative and qualitative analysis, writing and communication skills. The prestigious City Q-Step Centre provides resources to support student data analysis skills in Sociology, Criminology and Media and Communication pathways.

Criminology
BSc (Hons)

The BSc (Hons) Criminology explores the complex and interconnected issues of crime, criminal behaviour and criminal justice.

UCAS code

4T82

Duration

3 years or 4 years with a work placement option or study abroad.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points. Typically gained from 'A' Level grades ABB or BBB with one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.

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 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

The BSc (Hons) Criminology draws on the expertise of academics experienced in investigating crime, policing, victims, media representations of crime, youth crime and much more. The course considers how crime is defined, how criminality, victimisation and crime control relate to social issues such as class, gender, ethnicity, politics and the economy and why crime and justice have become defining issues for contemporary society. This innovative and professionally oriented degree is designed and delivered by academics who are internationally acknowledged as leading researchers in their field.

Course structure

Year one
Core modules include:
- Criminology
- Criminal justice
- Research@CitySociology
- Lies, damned lies and statistics
- Producing social data
- Researching society.

Elective modules include:
- History and theory of psychology
- Media, history and politics
- Contemporary issues in media studies
- Language module. Languages available: Arabic, Mandarin, French, German, Spanish.

Year two
Core modules include:
- Doing sociology: qualitative sociology
- Violence
- Key issues in criminology
- Penology.

Elective modules include:
- Visualising society
- Gender, crime and justice
- Culture and society
- Understanding social change
- Quantitative analysis of social research data
- Security studies: conceptual approaches
- Religion and politics in the age of global change
- Sociology of race and racism
- Contemporary social theory
- Developmental psychology
- Personality and differential psychology.

Year three
Core modules include:
- Criminology dissertation
- Crime and media
- Policing
- Victimology
- Youth crime.

Elective modules include:
- Celebrity and society
- Applied multivariate data analysis
- Topics in advanced quantitative social research
- Media law and ethics
- Islamic law
- Violence in global politics
- Broken Britain
- Work and workers in the 21st century
- Identities and personal relationships
- Social identities and personal relationships
- Abnormal and clinical psychology.

Opportunities for work placements

Students on the course have the opportunity to undertake a work placement between the second and third years.

Career opportunities

This course enables students to develop the methodological expertise to analyse crime and justice data and the analytical capability to identify and engage with key criminal justice policy debates. Students develop specific skills relevant to several professions concerned with criminal justice and crime reduction, including the police, prisons, offender management, youth justice and community safety. A particular strength of the BSc (Hons) Criminology is that the degree includes options from other departments that focus on law, psychology, politics, media, culture and society which increase employability in a range of fields upon graduation.

Another strength of the BSc (Hons) Criminology is that the degree is part of the City Q-Step Centre, a centre of excellence devoted to developing undergraduate Social Scientists' data literacy and quantitative methods skills.

Other courses you may like

- BSc (Hons) Criminology and Sociology
- BSc (Hons) Media, Communication and Sociology
- BSc (Hons) Sociology
- BSc (Hons) Sociology with Psychology.

Supported by City Q-Step Centre
City Q-Step Centre is one of 15 Q-Step Centres nationwide. Q-Step is a prestigious and innovative programme. It is designed to develop students' research techniques and employability by enhancing education in quantitative data analysis, ranging from data literacy to advanced skills.

As part of City Q-Step Centre all students on the Criminology course have the opportunity to apply to a specialist pathway: BSc (Hons) Criminology with Quantitative Methods (subject to approval) at the end of their first year. Students on the pathway undertake a data placement in their second year of study.

Professor Chris Greer
Professor of Sociology and Head of Department

Professor Chris Greer joined the Department of Sociology in 2005. He completed his MSSc (1997) and PhD (2001) at the Institute of Criminology and Criminal Justice, Queen's University Belfast and then worked at Northumbria University until the lure of a global city brought him to London. His research and teaching interests are in the broad areas of: sociology of crime and control; sociology of media and communication; victimology; and theories of crime and justice.

Professor Greer is a Fellow of the Royal Society of Arts. He is Founding and current Co-editor (with Mark Hamm) of *Crime Media Culture: An International Journal*, which promotes a cross-disciplinary understanding of the crime, media and culture nexus. He is also on the Editorial Board of Theoretical Criminology.

He is Co-Director of the interdisciplinary Centre for Law, Justice and Journalism, the first centre in the UK to develop a broad yet focused interface between law, justice and journalism in society.

www.city.ac.uk/chris-greer

Criminology and Sociology

BSc (Hons)

This joint course considers how crime is defined, how criminality, victimisation and crime control relate to social issues such as class, gender, ethnicity, politics and the economy and why crime and justice have become defining issues for contemporary society.

UCAS code

L390

Duration

3 years or 4 years with a work placement option or study abroad.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points. Typically gained from 'A' Level grades ABB or BBB with one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.

IB
32 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 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

The BSc (Hons) Criminology and Sociology also includes analysis of society and our roles within it. It examines institutions, organisations and power and is concerned with the ways in which social relations between people emerge, are sustained and change. Students have the opportunity to study topics that include family life, identity, work, race, class, migration, gender, popular culture, urban living, food, media and the virtual world.

The course develops students' appreciation of the complex interplay between local and global forces and their relationship to social processes, with particular reference to life in the 21st century metropolis of London.

This innovative degree is designed and delivered by academics whose research is recognised as world-leading in the field. Research informs its content and students develop the skills to conduct their own research into crime and society, accompanied by a range of other transferable skills.

A particular strength of the BSc (Hons) Criminology and Sociology is that the degree is part of the City Q-Step Centre, a centre of excellence devoted to developing the data literacy and quantitative methods skills of undergraduate social scientists.

Course structure

Year one
Core modules include:
- Criminology
- Criminal justice
- Research@CitySociology
- Researching society
- Classical social theory
- Lies, damned lies and statistics
- Producing social data.

Elective modules include:
- Media, history and politics
- Contemporary issues in media studies
- Introduction to political economy
- Politics and power in the 20th century
- Language module. Languages available: Arabic, Mandarin, French, German, Spanish.

Year two
Core modules include:
- Violence
- Penology.

Elective modules include:
- Gender and society
- Sociology of race and racism
- News and society
- Key issues in criminology
- Gender, crime and justice
- Contemporary social theory
- New media challenges
- Culture and society
- Visualising society
- Quantitative analysis of social research data.

Year three
Core module:
- Sociology dissertation.

Core elective modules include:
- Victimology
- Youth crime
- Crime and media
- Policing.

Elective modules include:
- Work and workers in the 21st century
- Social identities and personal relationships
- Sociology of contemporary Europe
- Global migration processes
- Celebrity and society
- Applied multivariate data analysis
- Topics in advanced quantitative social research
- Democracy, social media and participation
- New media, from cyberspace to social media.

Opportunities for study abroad

Students may study for between one and three terms at a partner institution in Europe through the British Council Erasmus scheme.

Career opportunities

This course enables students to develop the methodological expertise to analyse social data and the analytical capability to identify and engage with crime and social policy debates. Students develop specific skills relevant to several professions and critical thinking, which is prized in graduate employment. The degree's affiliation with the Q-Step Centre ensures that graduates possess strong data literacy and quantitative methods skills, which are highly sought after in sectors concerned with criminal justice and crime reduction, including the police, prisons, offender management, youth justice and community safety, and sectors as diverse as government and local government, education, market research organisations, the not-for-profit sector, the financial sector and the news media. Students have entered all of these fields and many others upon graduation.

Other courses you may like

- BSc (Hons) Criminology
- BSc (Hons) Media, Communication and Sociology
- BSc (Hons) Sociology
- BSc (Hons) Sociology with Psychology.

Supported by City Q-Step Centre
City Q-Step Centre is one of 15 Q-Step Centres nationwide. Q-Step is a prestigious and innovative programme. It is designed to develop students' research techniques and employability, by enhancing education in quantitative data analysis, ranging from data literacy to advanced skills.

As part of City Q-Step Centre all students on the Criminology and Sociology course have the opportunity to apply to a specialist pathway: BSc (Hons) Criminology and Sociology with Quantitative Methods (subject to approval) at the end of their first year. Students on the pathway undertake a data placement in their second year of study.

Professor Eugene McLaughlin
Professor of Criminology

Professor Eugene McLaughlin is Professor of Criminology and Co-Director of the Centre of Law, Justice and Journalism at City University London.

He has held positions at the University of Hong Kong, the Open University, the University of North Carolina, Chapel Hill, United States and the University of Helsinki, Finland. He is on the editorial boards of the British Journal of Criminology; Crime, Media and Culture; and Theoretical Criminology.

Professor McLaughlin has written extensively on policing and police reform, police-community relations and criminal justice policy. He has also made a significant contribution to the development of criminological theory.

His current research concentrates on the policing challenges of multi-pluralist, risk societies; the news-media, crime and criminal justice policy; the politics of law and order and new developments in criminological theory.

www.city.ac.uk/eugene-mclaughlin

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 professional skills.

UCAS code

W901

Duration

3 years.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points. Typically gained from ABB or BBB with one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.

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 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: bacci@city.ac.uk
T: +44 (0) 20 7040 0223

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 (Hons) develops a robust portfolio of skills to analyse the workings of these industries and to identify how best to engage with them.

Course structure

Students on this course:
- Interrogate cultural, political and historical debates on the emergence and development 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 professional, which assist with understanding, engaging with and 'managing' the cultural industries.

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

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.

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

Elective modules include:
- Cultural policy
- The music business
- News and society
- Cultural production project
- Web creation and digital storytelling
- Work placement.

As part of an international collaboration, some students from Shanghai Theatre Academy join the course in year two.

Year three
The final year offers a choice of optional modules. Students focus on the problems and possibilities faced by contemporary cultural workers and develop a piece of independent and original work.

Core modules include:
- Cultural work and the enterprising self
- Individual major project on the cultural and creative industries
- Globalisation and the cultural and creative industries.

Elective modules include:
- Collaborative cultural production project
- Digital cultures
- Popular music now.

Opportunities for work placements

In the second year, students can choose a work placement elective module. Former students have undertaken work experience at organisations including the Arts Council, the Barbican, the BBC and the Roundhouse.

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 professional 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. We run a lively programme of events featuring a range of guest speakers from both academia and industry.

Other courses you may like

- BMus (Hons) Music
- BA (Hons) Journalism
- BSc (Hons) Sociology.

Professor Rosalind Gill
Professor of Cultural and Social Analysis

Rosalind Gill is a new Professor in Cultural and Creative Industries who has previously worked at Goldsmiths, King's College London and the LSE. She is best known for her research on gender, media and cultural work. In the early 1990s she coined the term 'new sexism' to describe how gender discrimination has mutated under new conditions. She recently collaborated on a four-year Marsden (Royal Society) project exploring how pre-teen (9-12 year old) girls negotiate living in an increasingly sexualised culture. In 2011-12 Professor Gill was part of a team commissioned by the NSPCC to research 'sexting', as part of a wider interest in young people's use of mobile internet technologies. She's currently working on a book about the 'sexualisation of culture' and is interested in how different groups of people (whether organised by age, class, gender, sexuality, vulnerability, etc) are positioned by and in relation to sexualisation. She is also interested in the relationship between culture and subjectivity; how what is 'out there' gets 'in here' to shape our sense of self.

www.city.ac.uk/rosalind-gill

Economics

BSc (Hons)

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

UCAS code

L100

Duration

3 years or 4 years with a work placement option.

Entry requirements

Typical offers require one of the following:

'A' Level
340 UCAS tariff points. Typically gained from 'A' Level grades AAB or ABB with one 'AS' Level. Other qualification combinations achieving 340 UCAS tariff points will be considered.

IB
33 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 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

Students 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 fundamental problems.

Core modules include:
- Data analysis
- Introduction to macroeconomics
- Introduction to microeconomics
- Topics in applied macroeconomics
- Topics in applied microeconomics.

Year two
The second year builds on these foundations with intermediate-level core modules. Students can also see how economics is applied to areas of interest by choosing from elective modules in Global financial markets, International trade, Intermediate mathematical methods and Public economics.

Core modules include:
- Intermediate macroeconomics
- Intermediate microeconomics
- Introductory econometrics
- Intermediate econometrics.

Year three
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 include:
- Applied econometrics
- Financial economics.

Elective modules include:
- 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.

Opportunities for work placements and study abroad

Students can choose to undertake a work placement for one year between years two and three. The degree awarded is a BSc (Hons) Economics with Integrated Professional Training. Former students have worked at organisations including the Department for Work and Pensions, Goldman Sachs, HM Treasury and RBS Group.

Students may study for one or two terms at a partner institution in Barcelona, Cagliari, Madrid, Rotterdam or Toulouse through the British Council Erasmus scheme. There are also opportunities to study abroad at partner institutions in Boston, Istanbul and Seoul.

Career opportunities

Economics graduates have 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, School of Oriental and African Studies (SOAS) and the University of Cambridge. Recent employment destinations include Barclays Bank, Barclays Wealth and Investment Management, Bloomberg, Deloitte, Government Economic Service and PricewaterhouseCoopers.

Other courses you may like

- BSc (Hons) Economics with Accounting
- BSc (Hons) Financial Economics.

Dr Victoria Serra-Sastre
Lecturer in Economics

Dr Serra-Sastre holds a degree in Economics from Pompeu Fabra University and a PhD from the London School of Economics and Political Science. She collaborates with LSE Health, doing research on diffusion of medical technologies and has contributed to several publications on this topic.

She has worked for the Department of General Practice and Primary Care at King's College London on the evaluation of technology implementation.

She has also contributed to the elaboration of several reports for public organisations in the modelling of programme intervention in health and social care services.

www.city.ac.uk/victoria-serra-sastre

Economics with Accounting

BSc (Hons)

The BSc (Hons) Economics with Accounting develops students' analytical and quantitative abilities in economics while providing them with the opportunity to prepare for a career in accounting.

UCAS code

LN14

Duration

3 years or 4 years with a work placement option.

Entry requirements

Typical offers require one of the following:

'A' Level
340 UCAS tariff points. Typically gained from 'A' Level grades AAB or ABB with one 'AS' Level. Other qualification combinations achieving 340 UCAS tariff points will be considered.

IB
33 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 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

This course provides a wide variety of transferable skills that are invaluable when seeking employment. Modules in accountancy are delivered at Cass Business School.

Course structure

Year one
The first year lays the foundations of both economics and accounting.

Core modules include:
- Data analysis
- Introduction to financial accounting
- Introduction to management accounting
- Introduction to law
- Introduction to macroeconomics
- Introduction to microeconomics.

Year two
The second year builds on these foundations with additional core modules, as students prepare for specialisation in the final year.

Core modules include:
- Financial analysis
- Financial accounting
- Intermediate macroeconomics
- Intermediate microeconomics
- Introductory econometrics
- Intermediate econometrics.

Year three
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 include:
- Applied econometrics
- Company law
- Corporate finance
- Advanced financial accounting theory and practice
- 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.

Opportunities for work placements

Students can choose to undertake a work placement for one year between years two and three. The degree awarded is a BSc (Hons) Economics with Accounting with Integrated Professional Training. Former students have worked at organisations including the Department for Work and Pensions, Goldman Sachs, HM Treasury and RBS Group.

Career opportunities

Graduates in Economics with Accounting 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.

Accreditation

The main professional bodies in accountancy (the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants (CIMA) and the Institute of Chartered Accountants in England and Wales (ICAEW)) all accredit the course and award a range of exemptions from professional accountancy examinations.

Other courses you may like

- BSc (Hons) Economics
- BSc (Hons) Financial Economics.

Professor Klaus G. Zauner
Professor of Economics,
Course Director

Professor Klaus Zauner is a microeconomist with research and education interests in industrial economics, regulation, game theory, behavioural and experimental economics. He joined City University London from the University of York and has published in top-tier academic peer-refereed economic journals on industrial economics, economic theory, game theory and issues related to regulation.

www.city.ac.uk/klaus-zauner

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 a work placement option.

Entry requirements

Typical offers require one of the following:

'A' Level
340 UCAS tariff points, including Mathematics 'A' Level grade B. Typically gained from 'A' Level grades AAB or ABB with one 'AS' Level. Other qualification combinations achieving 340 UCAS tariff points will be considered.

IB
33 points, 5 in Higher Level Mathematics.

In addition, the following is required:

GCSE
English Language grade B (or equivalent).

English language requirements

IELTS: 6.5 overall with a minimum of 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

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 macroeconomic and microeconomic 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 fundamental problems.

Core modules include:
- Data analysis
- Introduction to macroeconomics
- Introduction to microeconomics
- Topics in applied macroeconomics
- Topics in applied microeconomics.

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

Core modules include:
- Global financial markets
- Intermediate macroeconomics
- Intermediate microeconomics
- Intermediate mathematical methods
- Introductory econometrics
- Intermediate econometrics.

Year three
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 include:
- Applied econometrics
- Corporate finance
- Financial economics
- Introduction to financial derivatives.

Elective modules include:
- Advanced quantitative economics
- Development economics
- Labour economics.

Assessment is usually by means of coursework and unseen examination.

Opportunities for work placements and study abroad

Students can choose to undertake a work placement for one year between years two and three. The degree awarded is a BSc (Hons) Financial Economics with Integrated Professional Training. Former students have worked at organisations including the Department for Work and Pensions, Goldman Sachs, HM Treasury and RBS Group.

Students may study for one or two terms at a partner institution in Barcelona, Cagliari, Madrid, Rotterdam or Toulouse through the British Council Erasmus scheme. There are also opportunities to study abroad at partner institutions in Boston, Istanbul and Seoul.

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 institutions including the Universities of Cambridge and Glasgow.

Other courses you may like

- BSc (Hons) Economics with Accounting
- BSc (Hons) Economics.

Dr Laura Delaney
Lecturer, Course Director

Dr Laura Delaney is a Lecturer in Economics and Undergraduate Senior Tutor for the Department of Economics. Her research interests lie in corporate finance, microeconomics and financial mathematics. Dr Delaney's current research has two main focuses. The first is irreversible decision-making under uncertainty or real options analysis and the second aspect is concerned with corporate voluntary disclosure which relates to those disclosures which can be made at the manager's discretion.

www.city.ac.uk/laura-delaney

International Political Economy

BSc (Hons)

This degree investigates the disjuncture between states and markets at the heart of the global politico-economic system. It equips students with analytical and professional knowledge of the key institutions, structures and agents at play in the world economy.

UCAS code

4J80

Duration

3 years or 4 years with a work placement option.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points, typically gained from 'A' Level grades ABB or BBB with one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.

IB
32 points.

In addition, the following is required:

GCSE
Grade B or equivalent in English Language and Mathematics.

English language requirements

IELTS: 6.5 overall with a minimum of 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

The course takes advantage of a unique cluster of first and second generation International Political Economy (IPE) experts at the Department of International Politics. It draws from both the tradition of interdisciplinary education in politics, economics and philosophy and from the study of contemporary world politics in order to offer a comprehensive approach to the world economy and global change.

Course structure

From the very first week of study, this course introduces academic approaches that treat politics, the economy and society as an integrated whole. Rigorous education in analytical and research skills helps students gain a full sense of the world's changing economic and political topography.

Year one
In their first year, students are introduced to the key issues in economics and IPE. The core modules cover the history of the world economy, the key concepts in political economy and the basic tools of macroeconomics and microeconomics.

Core modules include:
- Introduction to macroeconomics and microeconomics
- Introduction to political economy
- The making of the modern world economy.

Year two
The purpose of the second year is to give students the opportunity to develop the skills of political economists. Students become conversant in key approaches to economic analysis and learn to apply their analysis to real-world phenomena of political-economic interest.

Core modules include:
- Scholarly writing for international politics
- States and markets in an era of globalisation
- The global economy in the 21st century
- Economics of the real world
- Concepts and methods in heterodox economics.

Year three
During the final year of study, students have the opportunity to engage in independent research on topics of special interest. Third-year modules and research projects bring the analytical competencies developed in the first two years to bear on a wide range of theoretical and empirical issues in international politics and political economy.

Core modules include:
- International Political Economy project.

Assessment is by coursework, unseen examinations and a final year project.

Opportunities for work placements

Students can choose to undertake a work placement for one year between their third and final years. The degree awarded is a BSc (Hons) International Political Economy with Integrated Professional Training.

Career opportunities

This degree is designed to meet increasing student demand for an interdisciplinary course that prepares graduates for both the public and the private job markets. Students benefit from City's competitive advantage in the area of IPE and the Department's close links to businesses, institutions and think tanks. Graduates are suited to a wide range of career options, from the global corporate sector, banking and finance to Civil Service, international diplomatic corps, global media and international organisations.

Other courses you may like

- BSc (Hons) International Politics
- BSc (Hons) International Politics and Sociology.

Professor Anastasia Nesvetailova
Course Director of BSc (Hons) International Political Economy, Director of City Political Economy Research Centre (CITYPERC)

Professor Anastasia Nesvetailova joined City in September 2007. Her main research and teaching interests lie in the area of International Political Economy (IPE), finance and financial crises, globalisation and governance. Her first monograph, *Fragile Finance: Debt, Speculation and Crisis in the Age of Global Credit* (2007, Palgrave), develops a Minskyan analysis of financial fragility and crises in the late 1990s. Her second monograph, *Financial Alchemy in Crisis: The Great Liquidity Illusion* (2010, Pluto) focuses on the elusive concept of 'liquidity' in global finance and specifically, in the global financial crisis of 2007-2009.

www.city.ac.uk/anastasia-nesvetailova

International Politics

BSc (Hons)

The BSc (Hons) International Politics focuses on contemporary global issues and the role of international organisations as policy-making structures.

UCAS code

L240

Duration

3 years or 4 years with a work placement option.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points. Typically gained from 'A' Level grades ABB or BBB with one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.

IB
32 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 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

Unlike traditional International Relations degrees, the BSc (Hons) International Politics explores the diplomatic relations between governments and the economic, social and political relations between societies that are undertaken by companies and private groups. Students also engage in theoretical debate on global politics in today's world. Graduates' skills are of relevance to all those 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 of international politics and global political economy and how power has transformed in the 20th and 21st centuries.

Core modules include:
- Introduction to political economy
- The making of the modern world economy
- Politics and power in the 20th century
- Emerging powers
- Myths and mysteries in world politics
- International relations theories 1.

Year two
In the second year, core modules cover advanced theory and research in international politics. Elective modules provide students with the opportunity to specialise in global political economy, foreign policy analysis, security studies, religion and transnational social movements.

Core modules include:
- Advanced theories of global politics
- Scholarly writing for international politics.

Year three
The final year core requirement is a project on a topic of the student's choice, working one-to-one with their supervisor. Students also choose from a wide range of elective modules.

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

Opportunities for work placements and study abroad

Students can choose to undertake a work placement for one year between years two and three. The degree awarded is a BSc (Hons) International Politics with Integrated Professional Training.

Opportunities for study abroad are available. In the past, students have studied at universities including the University of Queensland, Australia; Northeastern University, United States; and Seoul National University, South Korea.

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 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.

Other courses you may like

- BSc (Hons) International Political Economy
- BSc (Hons) International Politics and Sociology.

Dr Tom Davies
Senior Lecturer, Course Director

Dr Tom Davies joined the Department of International Politics in 2007. His principal research interests are international non-governmental organisations, global civil society and transnational history. He is the author of two research monographs, *NGOs: A New History of Transnational Civil Society* (2013, Hurst) and *The Possibilities of Transnational Activism: The Campaign for Disarmament between the Two World Wars* (2007, Martinus Nijhoff). Dr Davies also runs the Project on the Evolution of International Non-Governmental Organisations. Prior to joining City University London, Dr Davies was a Junior Research Fellow at St Antony's College, University of Oxford and a Lecturer at St Catherine's and New Colleges, University of Oxford. His doctoral studies were undertaken at Magdalen College, University of Oxford and his thesis was awarded the British International History Group Thesis Prize.

www.city.ac.uk/tom-davies

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 or 4 years with a work placement option or study abroad.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points. Typically gained from 'A' Level grades ABB or BBB with one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.

IB
32 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 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

Students of this degree benefit from the expertise in globalisation at the School of Arts & Social Sciences. The course explores intergovernmental relations and the intersociety relations of non-governmental organisations (NGOs). Students gain a broad understanding of local, national and global social relations.

Course structure

Year one
The first year introduces competing theories of international politics and global political economy and how power has transformed in the 20th and 21st centuries.

Core modules include:
- Introduction to political economy
- The making of the modern world economy
- Myths and mysteries in world politics
- International relations theories 1
- Producing social data
- Lies, damn lies and statistics.

Year two
The second year offers one core theory module on international relations, an extended essay, an introduction to qualitative and quantitative methods and a range of elective modules provided by the Departments of International Politics and Sociology.

Core modules include:
- Advanced theories of global politics
- Scholarly writing for international politics
- Doing sociology: qualitative methods
- Doing sociology: quantitative methods.

Year three
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.

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

Opportunities for work placements and study abroad

Students can choose to undertake a work placement for one year between their third and final years. The degree awarded is a BSc (Hons) International Politics and Sociology with Integrated Professional Training.

Opportunities for study abroad are available. In the past, students have studied at universities including the University of Queensland, Australia; Northeastern University, United States; and Seoul National University, South Korea.

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 Conservative Party, the Department for Business, ESA Market Research and the London Borough of Islington.

Other courses you may like

- BSc (Hons) International Political Economy
- BSc (Hons) International Politics.

Professor Rosemary Hollis
Professor of Middle East Policy Studies, Director of the Olive Tree Scholarship Programme

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.

www.city.ac.uk/rosemary-hollis

Journalism
BA (Hons)

This degree is designed for students pursuing a career in journalism. It provides highly relevant 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 a work placement option or study abroad.

Entry requirements

Typical offers require one of the following:

'A' Level
360 UCAS tariff points. Typically gained from 'A' Level grades AAA. Other qualification combinations achieving 360 UCAS tariff points will be considered.

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 6.0 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

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

Course structure

Journalism education at City has a real-world 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 producing news and feature stories. Students also spend time developing online skills, using the TV studio and making video packages. As professional work experience is the key to getting a job in journalism, students are supported to arrange placements during their degree. This is complemented by academic subjects such as history, politics and law which are delivered through lectures and seminars and assessed through examination and essays.

Year one
Students cover the basic principles of journalism, the history of journalism and politics and current affairs.

Core modules include:
- History of journalism
- The British media
- Introduction to journalism
- Politics and current affairs
- Foreign language.

Year two
Core modules include:
- Multimedia production
- Writing and reportage
- Power without responsibility.

In the second year, students can also choose from a wide range of options such as visual journalism, data journalism, humanitarian communication, sports journalism, political scandals and shorthand.

Year three
Core modules include:
- Advanced practical journalism: broadcast
- Advanced practical journalism: print or online
- Journalism project (print, broadcast or web) or a dissertation
- Media law and ethics.

Elective modules include:
- International news
- Reporting conflict
- Advanced photo journalism
- Reporting the environment
- Arts and culture
- Fashion and lifestyle reporting.

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.

Opportunities for work placements and study abroad

There are many opportunities to develop skills and gain experience through student journalism at City. Students can also choose to spend their third year undertaking a work placement or period of work experience in industry.

The Department has partnerships with many international institutions and students have the opportunity to spend their third year studying abroad in countries including Australia, Canada, Hong Kong, France, Denmark and the United States.

Career opportunities

City has launched the careers of over 5,000 graduates and postgraduates including Tony Gallagher (Deputy Editor, *Daily Mail*) and Dermot Murnaghan (Sky News). Other recent graduates have found work at *The Sun*, the *Financial Times*, *The International New York Times*, *BBC World Service*, *Women's Fitness* (as Editor), Reuters, Mumsnet and websites and magazines in the UK and abroad.

Professor Suzanne Franks
Professor of Journalism,
Course Director

Professor Suzanne Franks joined City in 2012 as the Course Director for the BA (Hons) Journalism. As a producer for 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: her latest 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.

www.city.ac.uk/suzanne-franks

Media, Communication and Sociology BSc (Hons)

This joint degree focuses on media and communication, which are central to the way our society functions. It examines key media, communication and cultural institutions and explores the diverse ways in which all forms of media and communication drive the global economy, shape individual identities and define contemporary social life.

UCAS code

PL33

Duration

3 years or 4 years with a work placement option or study abroad.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points. Typically gained from 'A' Level grades ABB or BBB with one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.

IB
32 points.

In addition, the following is required:

GCSE
English Language and Mathematics or Statistics at grade C (or equivalent).

English language requirements

Cambridge ESOL CPE Grade C or above.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

The BSc (Hons) Media, Communication and Sociology explores contemporary trends such as media globalisation and the rise of social media. It also focuses on developing an understanding of society and our roles within it. It examines institutions, organisations and power and is concerned with the ways social relations between people emerge, are sustained and change. Students have the opportunity to study topics that include family life, identity, work, race, class, migration, gender, popular culture, urban living, food and criminology.

The course develops students' appreciation of the complex interplay between local and global forces and their relationship to social processes, with particular reference to life in the 21st century metropolis of London.

This innovative degree is designed and delivered by academics whose research is recognised as world-leading in the field. Research informs its content and students develop the skills to conduct their own sociological research, accompanied by a range of other transferable skills.

A particular strength of the BSc (Hons) Media, Communication and Sociology is that the degree is part of the City Q-Step Centre, a centre of excellence devoted to developing the data literacy and quantitative methods skills of undergraduate social scientists.

Course structure

Year one
Core modules include:
- Media, history and politics
- Contemporary issues in media studies
- Lies, damned lies and statistics
- Producing social data
- Research@CitySociology
- Researching society
- Classical social theory.

Elective modules include:
- Exploring London
- Criminology
- Criminal justice
- Introduction to political economy
- Politics and power in the 20th century
- Language.

Year two
Core modules include:
- News and society
- Culture and society
- Contemporary social theory
- Doing sociology: qualitative methods.

Elective modules include:
- Sociology of race and racism
- Contemporary social theory
- Visualising society
- Understanding social change
- Cultural policy
- The music business
- Global perspectives
- Quantitative analysis of social research data
- Key issues in criminology
- New media challenges.

Year three
Core module:
- Sociology dissertation.

Core elective modules include:
- Global perspectives: the world on our doorstep
- Celebrity and society
- Television and sport
- New media: from cyberspace to social media.

Elective modules include:
- Crime and media
- Work and workers in the 21st century

- Social identities and personal relationships
- Broken Britain
- Sociology of contemporary Europe
- Global migration processes
- Applied multivariate data analysis
- Topics in advanced quantitative social research
- Democracy, social media and participation.

Opportunities for study abroad

Students may study for between one and three terms at a partner institution in Europe through the British Council Erasmus scheme.

Career opportunities

This course enables students to develop the methodological expertise to analyse social data and the analytical capability to identify and engage with social policy debates. Students develop specific skills relevant to several professions, and critical thinking, which is prized in graduate employment. The degree's affiliation with the Q-Step Centre ensures that graduates possess strong data literacy and quantitative methods skills, which are highly sought after in sectors as diverse as the government and local government, education, market research organisations, the not-for-profit sector, the financial sector and the news media. Students have entered all of these fields and many others upon graduation.

Other courses you may like

- BSc (Hons) Criminology
- BSc (Hons) Criminology and Sociology
- BSc (Hons) Sociology
- BSc (Hons) Sociology with Psychology.

Marianne Olaleye
Second year student in the Department of Sociology

I joined City last year, partly after talking to some of my friends who studied here: they talked about the wide range of student societies, the friendly, diverse feel and the careers support. I haven't been disappointed. I'm a Student Representative for my degree, which has been a great opportunity to build relationships with academic staff and my peers. My recommendation for students thinking of applying to my degree? Read, read, read! Reading and studying independently means that you can get a lot more out of assignments and seminars.

Supported by City Q-Step Centre

City Q-Step Centre is one of 15 Q-Step Centres nationwide. Q-Step is a prestigious and innovative programme. It is designed to develop students' research techniques and employability, by enhancing education in quantitative data analysis, ranging from data literacy to advanced skills.

As part of City Q-Step Centre all students on the Media, Communication and Sociology course have the opportunity to apply to a specialist pathway: BSc (Hons) Media, Communication and Sociology with Quantitative Methods (subject to approval) at the end of their first year. Students on the pathway undertake a data placement in their second year of study.

Dr Dan Mercea
Lecturer

Dr Dan Mercea received his PhD in communication studies from the Department of Sociology, University of York. Before the completion of his doctorate he became a Teaching Fellow in Political Sociology at York and from September 2011 to September 2013 he was Senior Lecturer in Politics at The Hague University of Applied Sciences in the Netherlands. During that time he was also a visiting lecturer in political communication at the Catholic University of Lille, France where he continues to be an Associate Research Fellow.

www.city.ac.uk/dan-mercea

Music
BMus (Hons)

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

UCAS code

W300

Duration

3 years.

Entry requirements

Typical offers require one of the following:

'A' Level
Typical offer in the region of AAB or ABB and at least a pass at Grade 8 in a practical music qualification.

IB
32 points, 6 in Higher Level Music with a recognised performance qualification.

In addition, the following is required:

GCSE
English Language at grade C (or equivalent).

English language requirements

IELTS: 6.5 overall with a minimum of 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Special entry requirements

Grade 8 practical music examination or demonstration of an equivalent standard.

Enquiries

E: music@city.ac.uk
T: +44 (0) 20 7040 0223

The BMus (Hons) Music degree at City adopts a global and interdisciplinary approach to the study of music, which is underpinned by a blend of theory and practice. Through the study of classical, popular and world music the degree offers exciting new perspectives on music and its relationships with culture, technology and society. The course is delivered by academics who are internationally recognised as leaders in their fields.

The course allows students to immerse themselves in every aspect of music, providing education and research which has 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. Students pursuing solo performance are eligible for instrumental and vocal tuition from the Guildhall School of Music and Drama. The course combines 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. There is also an opportunity to study a foreign language.

Year one
All students study a core curriculum which includes solo and ensemble performance, Western classical and popular music, critical listening, tonal harmony, world music studies, composition and music technology.

- All first year students receive twenty hours of fully funded solo performance lessons with a leading instrumental or vocal teacher 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 year three
Students choose from an extensive range of elective 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. Composition options include instrumental and vocal composition, composing for moving images and studio composition. Performers continue to receive specialist tuition from the Guildhall School of Music and Drama, subject to satisfactory progress.

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.

Opportunities for work placements and study abroad

The second year elective module, work placement, 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.

In addition, there are opportunities to study abroad through the British Council Erasmus scheme and Study Abroad exchange programme.

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 or 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 Music graduates were in employment or further study six months after graduation (UniStats, 2013).

Other courses you may like

- BA (Hons) Cultural and Creative Industries.

Professor Stephen Cottrell
Professor of Music; Head of the Departments of Music and Cultural and Creative Industries; Associate Dean (International), School of Arts & Social Sciences

Professor Stephen Cottrell is Professor of Music and Head of the Departments of Music and Culture and Creative Industries. 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*.

www.city.ac.uk/stephen-cottrell

Psychology
BSc (Hons)

The BSc (Hons) Psychology at City encourages analytical and critical thinking while developing an understanding of the complex interactions between the human mind, brain, behaviour and experience.

UCAS code

C800

Duration

3 years or 4 years with a work placement option or study abroad.

Entry requirements

Typical offers require one of the following:

'A' Level
340 UCAS tariff points. Typically gained from 'A' Level grades AAB. Other qualification combinations achieving 340 UCAS tariff points will be considered.

IB
33 points.

In addition, the following is required:

GCSE
English Language and Mathematics or Statistics at grade B (or equivalent).

English language requirements

Cambridge ESOL: CPE grade C or above.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

A broad range of topics within and related to psychology are covered, based on the scientific exploration of human behaviour and the application of psychological knowledge in professional areas. The course offers a wide range of transferable skills, enhancing employment prospects, and provides excellent preparation for further education in psychology at postgraduate level. The course has achieved outstanding results in the National Student Survey with 94 per cent overall student satisfaction on average over the past three years. With 26 academic staff, there is an excellent student to staff ratio.

Course structure

This course is delivered over three years. Students have the opportunity to spend one year in a work placement or study abroad sandwiched between the first and second or second and third year of the course.

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 education and skills needed to pursue a degree and a career as a professional psychologist.

Core modules include:
- 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 advances knowledge of core subjects in psychology to meet the requirements for British Psychological Society (BPS) accreditation.

Core modules include:
- Biological psychology
- Cognitive psychology 1
- Cognitive psychology 2
- Developmental psychology
- Personality and differential psychology
- Research methods in psychology
- Social psychology.

Year three
Final year students conduct their own empirical research project and select six specialist modules from a wide range of modules led by expert academic staff and practitioners.

Current elective modules include:
- Abnormal and clinical psychology
- Approaches to autism
- Coaching psychology
- Cognitive development
- Health psychology
- Introduction to counselling psychology
- Judgment and decision-making
- Memory and the law
- Normal and disordered word processing
- Organisational psychology
- Philosophical and psychological approaches to concepts
- Programming tools for psychologists
- Psychological illnesses, brain damage and dreams: malfunctions of the mind
- Psychology of time
- Social perception
- Subjective well-being
- Topics in behavioural economics
- Topics in cognitive neuroscience.

BSc (Hons) Psychology with Pathways

In addition to the BSc (Hons) Psychology, we provide the opportunity for students to graduate with a BPS-accredited degree in a specialised area of Psychology. All students enter our BSc (Hons) Psychology and can apply at the end of their second year to specialise in one of the four pathways below or to continue with the BSc (Hons) Psychology.

Students on a specialised pathway take modules related to that pathway and conduct their Honours research project in that field.

The four pathways and respective degree titles are:

- BSc (Hons) Psychology with Counselling and Health Psychology
- BSc (Hons) Psychology with Organisational Psychology and Behavioural Economics
- BSc (Hons) Psychology with Cognitive and Clinical Neuroscience
- BSc (Hons) Psychology with Child Development.

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. Eighty six per cent of Psychology graduates from 2012 found employment and/or further study within six months of graduating, working, for example, in schools, charities, the NHS and the Crown Prosecution Service.

Nicole Rahimzadeh
BSc (Hons) Psychology, final year

My sister studied at City and really enjoyed her time here, so that was a major factor in my decision to apply, alongside the University's location and its reputation for graduate employability. The study environment here is very supportive: academic staff are accessible and on hand to help us keep on top of the material and there's also a warm atmosphere within our year group. The academics are really passionate about their fields of research and that's inspiring for us. Outside of my studies, I've tried to get involved in university life as much as possible: I'm currently president of the Jewish Society and I've worked as a Student Ambassador and an Environmental Champion.

Accreditation

City's BSc (Hons) Psychology, accredited by the BPS, comprises the first stage of qualifying as a Chartered Psychologist. It also provides the necessary first degree qualification for further education on BPS-accredited Masters and doctoral-level courses.

Other courses you may like

- BSc (Hons) Sociology with Psychology.

Dr Lauren Knott
Lecturer, Course Director

Alongside her role as Course Director for the BSc (Hons) Psychology, Dr Lauren Knott is also the Associate Director of the Centre for Memory and Law which forms an international, interdisciplinary collaboration between academics and professionals who share a common interest in understanding the role of memory and how it serves as evidence. Her main research focus is on the development of false memories in children and factors that influence the formation of false memories in adults.

www.city.ac.uk/lauren-knott

Sociology
BSc (Hons)

Sociology enables us to understand society and our roles within it. It is the systematic study of institutions, organisations and power and is concerned with the ways in which social relations between people emerge, are sustained and change.

UCAS code

L300

Duration

3 years or 4 years with a work placement option or study abroad.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points. Typically gained from 'A' Level grades ABB or BBB with one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.

IB
32 points.

In addition, the following is required:

GCSE
English Language and Mathematics or Statistics at grade C (or equivalent).

English language requirements

Cambridge ESOL: CPE grade C or above.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

The BSc (Hons) Sociology explores the organisation of global capitalism and the opportunities and structural inequalities that define our everyday lives, including those related to gender, class, race and migration. Students have the opportunity to study topics that include family life, identity, work, popular culture, urban living, food, criminology, media and the virtual world.

Students also learn to appreciate the complex interplay between local and global forces and their relationship to social processes, with particular reference to life in the 21st century metropolis of London. This innovative degree is designed and delivered by academics whose research is recognised as world-leading in the field. Research informs its content and students develop the skills to conduct their own sociological research, accompanied by a range of other transferable skills.

A particular strength of the BSc (Hons) Sociology is that the degree is part of the City Q-Step Centre, a centre of excellence devoted to developing the data literacy and quantitative methods skills of undergraduate social scientists.

All students on the Sociology course have the opportunity to apply to a specialist pathway (BSc (Hons) Sociology with Quantitative Methods) at the end of their first year.

Course structure

Year one
Core modules include:
- Research@CitySociology
- Researching society
- Classical social theory
- Lies, damn lies and statistics
- Producing social data.

Elective modules include:
- Media, history and politics
- Contemporary issues in media studies
- Criminology
- Criminal justice
- Introduction to political economy
- Politics and power in the 20th century
- Language.

Year two
Core modules include:
- Doing sociology: qualitative methods
- Contemporary social theory.

Elective modules include:
- Gender and society
- Sociology of race and racism
- News and society
- Violence
- Penology
- New media challenges
- Culture and society
- Understanding social change
- Global perspectives
- Key issues in criminology.

Year three
Core module:
- Sociology dissertation.

Core elective modules include:
- Work and workers in the 21st century
- Social identities and personal relationships
- Broken Britain
- Food and society.

Elective modules include:

- Sociology of contemporary Europe
- Global migration processes
- Celebrity and society
- Applied multivariate data analysis
- Topics in advanced quantitative social research
- Democracy, social media and participation
- Crime and media
- Television and sport
- New media: from cyberspace to social media
- Victimology
- Youth crime.

Opportunities for study abroad

Students may study for between one and three terms at a partner institution in Europe through the British Council Erasmus scheme.

Career opportunities

This course enables students to develop the methodological expertise to analyse social data and the analytical capability to identify and engage with social policy debates. Students develop specific skills relevant to several professions, and critical thinking, which is prized in graduate employment. The degree's affiliation with the Q-Step Centre ensures that graduates possess strong data literacy and quantitative methods skills, which are highly sought after in sectors as diverse as the government and local government, education, market research organisations, the not-for-profit sector, the financial sector and the news media. Students have entered all of these fields and many others upon graduation.

Other courses you may like

- BSc (Hons) Criminology
- BSc (Hons) Criminology and Sociology
- BSc (Hons) Media, Communication and Sociology
- BSc (Hons) Sociology with Psychology.

Supported by City Q-Step Centre

City Q-Step Centre is one of 15 Q-Step Centres nationwide. Q-Step is a prestigious and innovative programme. It is designed to develop students' research techniques and employability, by enhancing education in quantitative data analysis, ranging from data literacy to advanced skills.

As part of City Q-Step Centre all students on the Sociology course have the opportunity to apply to a specialist pathway: BSc (Hons) Sociology with Quantitative Methods (subject to approval) at the end of their first year. Students on the pathway undertake a data placement in their second year of study.

Dr Rachel Lara Cohen
Senior Lecturer, Course Director

Dr Rachel Lara Cohen is an expert in the sociology of work and employment. She joined City in 2013 and was previously a lecturer at the Universities of Surrey and Warwick.

Dr Cohen has published in various journals including *Sociology, Sociological Review, Sociology of Health and Illness, Work, Employment and Society* and the *International Journal of Social Research Methodology*. Her research focuses on the everyday lives, including the hours of work, flexibility and work-life balance, of workers in different occupations.

Dr Cohen is Coordinator of the City Q-Step Centre, which is devoted to enhancing the quantitative methods skills of undergraduate social science students.

www.city.ac.uk/rachel-lara-cohen

Sociology with Psychology

BSc (Hons)

This joint degree equips students with different ways of investigating social life.

UCAS code

LCH8

Duration

3 years or 4 years with a work placement option.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points. Typically gained from 'A' Level grades ABB or BBB with one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.

IB
32 points.

In addition, the following is required:

GCSE
English Language and Mathematics or Statistics at grade C (or equivalent).

English language requirements

Cambridge ESOL: CPE Grade C.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: socsciug@city.ac.uk
T: +44 (0) 20 7040 8521

The BSc (Hons) Sociology with Psychology, offered jointly by two of City's renowned Social Science departments, allows students to focus predominantly on Sociology while broadening their understanding of social life through the study of Psychology.

Sociology is the systematic study of institutions, organisations and power and is concerned with the ways in which social relations between people emerge, are sustained and change. The course examines the organisation of global capitalism and explores the opportunities and structural inequalities that define our everyday lives, including those related to gender, class, race and migration.

Psychology focuses on aspects of individual cognition, development and behaviour. Students have the opportunity to study diverse topics that include family life, work, popular culture, food, criminology, media, cognition, behaviour and attachment.

This innovative degree is designed and delivered by academics whose research is recognised as world-leading in the field. Research informs its content and students develop the skills to conduct their own sociological research, accompanied by a range of other transferable skills.

Course structure

Year one
Core modules include:
- Research@CitySociology
- Researching society
- Classical social theory
- Lies, damn lies and statistics
- Producing social data.

Elective modules include:
- History and theory of psychology
- Exploring London
- Lifespan psychology
- Criminology
- Criminal justice
- Cognitive approaches to mind and behaviour
- Biological approaches to mind and behaviour
- Language.

Year two
Core modules include:
- Doing sociology: qualitative methods
- Contemporary social theory.

Elective modules include:
- Biological psychology
- Developmental psychology
- Social psychology
- Personality and differential psychology
- Gender and society
- Sociology of race and racism
- News and society
- Penology
- Visualising society
- Understanding social change
- Quantitative analysis of social research data
- New media challenges
- Gender, crime and justice.

Year three
Core module:
- Sociology dissertation.

Core elective modules include:
- Social identities and personal relationships
- Work and workers in the 21st century
- Broken Britain
- Sociology of contemporary Europe.

Elective modules include:

- Approaches to Autism
- Judgement and decision-making
- Global migration processes
- Celebrity and society
- Applied multivariate data analysis
- Topics in advanced quantitative social research
- Democracy, social media and participation
- New media: from cyberspace to social media
- Youth crime.

Career opportunities

This course enables students to develop the methodological expertise to analyse social and psychological data and the analytical capability to identify and engage with social policy debates. Students develop specific skills relevant to several professions and critical thinking, which is prized in graduate employment. The skills developed in this degree are highly sought after in sectors as diverse as the government and local government, the NHS, education, market research organisations, the not-for-profit sector, human resources, the financial sector and the news media. Students have entered all of these fields and many others upon graduation.

Other courses you may like

- BSc (Hons) Criminology
- BSc (Hons) Criminology and Sociology
- BSc (Hons) Media, Communication and Sociology
- BSc (Hons) Psychology
- BSc (Hons) Sociology.

Sumayya Janmohamed
BSc (Hons) Sociology with Psychology, third year

One of the highlights of my time at City has been taking part in the Sprint Programme. Sprint is a development programme for undergraduate women and it was held for the first time in London at City this year: we had the chance to network with potential employers, discuss our career aspirations with mentors and take part in development activities. The Programme helped me focus on applying for placements. In terms of my degree, I appreciate the wide range of modules on offer across Sociology and Psychology: I feel that this is preparing me well for my future.

Dr Vanessa Gash
Senior Lecturer, Associate Fellow of the Centre for Comparative Social Surveys (CCSS)

Dr Vanessa Gash is responsible for the development, management and delivery of core and optional modules in sociology and research methods for students in Sociology and related disciplines. In addition, she oversees the supervision and assessment of Masters and PhDs in Sociology and related disciplines. Dr Gash is Head of International Studies, responsible for liaison with partner universities and Junior Year Abroad, Study Abroad and Exchange students. She is the Departmental Liaison with the Associate Dean of Research Students on the School's strategy towards achieving Doctoral Training Centre status in 2016 and an active member of the Departmental Structuring Inequalities Research Group. She joined City University London in 2013. Before then she worked at both the Department of Sociology and the Department of Social Statistics at the University of Manchester.

www.city.ac.uk/vanessa-gash

Cass Business School

Aishwarya Singh
BSc (Hons) Banking and International Finance, second year

My dream job after I graduate is to be a successful investment banker. The constant economic changes create new challenges, which excite me about this particular profession. Through the various professional schemes provided, such as mentoring and the Snapshot scheme, City prepares students for success. I have attended various insight days at firms to gain first-hand knowledge of my future career and help me to secure a job once I graduate.

William Johnson
BSc (Hons) Banking and International Finance, second year

My greatest experience to date has been the opportunity to embrace the truly international community of the University. It's a great way to build an international network from a young age and meet people you would otherwise not have the opportunity to meet. Upon graduation, I want to enter into the finance industry as a mergers and acquisitions analyst, assisting companies with corporate takeovers and other related financing needs. Ideally, I would like to work for a large integrated 'bulge bracket' bank, working on some of Europe's largest transactions and changing industry landscapes in the process.

The Sir John Cass Business School has been at the forefront of business education for 50 years. Located in the heart of one of the world's leading financial centres, Cass is part of an elite group of business schools to have been awarded triple accreditation by The Association to Advance Collegiate Schools of Business (AACSB); the Association of MBAs (AMBA); and the European Quality Improvement System (EQUIS).

Cass offers undergraduate degrees in four areas: Accounting and Finance; Actuarial Science; Banking, Finance and Investment; and Business and Management. The Cass undergraduate community is comprised of over 2,000 students from around 100 countries, creating a vibrant mix of cultures and perspectives. The School's state-of-the-art facilities further enhance a unique environment for studying, socialising and building your professional network.

Degrees offered	
Accounting and Finance BSc (Hons)	72
Actuarial Science BSc (Hons)	74
Banking and International Finance BSc (Hons)	76
Business Studies BSc (Hons)	78
Investment and Financial Risk Management BSc (Hons)	80
Management BSc (Hons)	82

Mathuta Nanthakumar
Associate, PricewaterhouseCoopers, BSc (Hons) Accounting and Finance, graduated 2014

While studying at City, I undertook a summer internship with PwC and was later offered a graduate role. I joined PwC as an Associate on a graduate split scheme doing Core and Risk Assurance. My main responsibilities include assisting the audit team, work shadowing senior colleagues and passing examinations to obtain my professional qualification. I chose PwC as they are a highly reputable firm which offers great prospects for employees. I like being able to work with many different colleagues, not just within my office but from all over the UK; and also interacting and building relationships with clients, many of which are FTSE100 companies. I hope to qualify as a chartered accountant in the years to come and gradually move up the firm. PwC is a fantastic place to work and I believe it will open many doors for me in the future.

Preparing for the future

A degree from Cass will prepare you for a successful career. Our emphasis on academic excellence and professional skills ensures that Cass graduates are exceptionally well-regarded by employers, with over 80 per cent securing employment or undertaking further study within six months of graduating.

The close links with business and the professions which have characterised City for over a century are very much in evidence at Cass. The degrees at Cass are designed in collaboration with leading employers and are continually evolving to reflect the changing business environment. All undergraduate students can apply to undertake a paid work placement for one year between their second and final years and many also make the most of Cass's central London location by securing internships during the summers.

Cass students can also apply to study abroad as part of their degree at one of over 30 prestigious partner institutions. Depending on their degree, students can choose to undertake the second year of a three year degree on an international study exchange. Alternatively they can choose a sandwich year, spending a year abroad between their second and third years at Cass, thereby extending the degree to four years. Both options provide the opportunity to add an international dimension to undergraduate study and prepare for the global business world.

Research excellence at Cass

Academic staff at Cass are world-leading experts in their fields of academic and applied research: they are highly sought after by companies, governments and international bodies for their specialist knowledge and their work shapes policy, debate and business practice at the highest levels. The Faculty of Finance at Cass is one of the largest and most respected in the world and it is renowned for its expertise in accounting, asset pricing, corporate finance, financial markets and regulation, international finance and shipping finance. Academic staff in the Faculty of Management specialise in all areas of management studies, including strategy, entrepreneurship, corporate social responsibility, marketing, information management and organisational behaviour and human resources. The Faculty of Actuarial Science and Insurance, one of the leading departments of its kind worldwide, undertakes theoretical and applied research into pensions, life and general insurance and healthcare insurance.

The Research Excellence Framework (REF) 2014 rated 84 per cent of Cass Business and Management research as within the top two categories of 'world-leading' (4-star) or 'internationally excellent' (3-star). This places Cass in the top six in the UK, out of the 101 institutions to have entered research in this category. The outcome of this independent review highlights the world class quality of Cass research and recognises the impact it has on business, the professions and policymakers. This is very important for undergraduate students at Cass because it means that the academics, who students will be learning from and supervised by, are pre-eminent in their fields and indeed are making great contributions in advancing these fields.

The next step

Choosing an undergraduate degree is one of the most important decisions a student will make. The pages that follow highlight detailed information on each of the degrees offered, including overviews of course structures, entry requirements and career opportunities. Here is a short overview of what to expect from undergraduate study in Cass's various fields of expertise:

Accounting and Finance: A degree in Accounting and Finance provides a solid grounding in these two fields. It enables students to gain exemption from some professional qualifications and to prepare for external examinations.

Find out more

To find out more about placement and study abroad opportunities at Cass, please visit **www.cass.city.ac.uk/courses/undergraduate/placements-and-study-abroad**.

Actuarial Science: 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. Graduates can gain exemptions from some of the actuarial profession's examinations.

Banking and International Finance: A degree in Banking and International Finance embraces the study of international banking systems and financial markets and prepares students for careers in the corporate advisory and financial services industry.

Business Studies: A degree in Business Studies provides a broad understanding of how organisations function in the modern world, combining a theoretical understanding of business principles with real-world examples and skills.

Investment and Financial Risk Management: A degree in Investment and Financial Risk Management offers a route to becoming a trader, a fund manager, a broker or an analyst in any area of finance.

Management: Management covers a range of skills concerned with planning, organising, leading and controlling, together with understanding what an organisation is setting out to achieve. It includes strategies for effective teamwork and sound communication, together with management science which involves techniques to support managers in decision analysis and risk evaluation.

Cass is continuously evolving by developing new fields of research and building innovative courses to meet challenges facing global business. With leading, research-excellent academics experienced in all key areas of finance, the School is looking to expand its successful portfolio of degrees in this field in the near future. Keep up to date with developments on the Cass website.

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, corporate finance, assurance, taxation, law, financial management, economics and statistics.

UCAS code

NN43

Duration

3 years.

With optional 4 year sandwich – professional work placement or study abroad year (to be selected in year two of study).

Entry requirements

Typical offers require one of the following:

'A' Level
AAA, one of which must be Mathematics, Chemistry or Physics.

IB
35 points, including 6 in all Higher Level subjects (one of which must be Mathematics, Chemistry or Physics) and 5 in all Standard Level subjects. One bonus point allowed.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: cassug@city.ac.uk
T: +44 (0) 20 7040 4040

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 management, valuation and capital markets. They develop the ability to prepare financial statements according to international accounting standards, analyse financial information for performance measurement and valuation purposes and apply financial tools to value assets trading in financial markets. They also gain exposure to more complex topics such as financial econometrics, assurance, taxation, risk analysis and modelling.

Year three
The final year sees students tackling more advanced topics in both accounting and finance, including audit and assurance, 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.

We offer six language options at several levels as extracurricular courses. Please visit our website for more information: **www.cass.city.ac.uk/courses/undergraduate.**

Opportunities for work placements and study abroad

A key part of this degree is the opportunity to gain professional work experience. Students are eligible to commence a one year paid work placement during the third year of a four year sandwich degree programme.

Cass students enjoy a wide range of opportunities in business areas such as assurance, audit and tax. Students have recently taken up placements within many leading corporate organisations including Ernst & Young, Goldman Sachs, ICAP, KPMG and PricewaterhouseCoopers.

Our dedicated placement team are in regular contact with these and many more companies and will support students throughout the work experience process.

The placement year would contribute towards the work experience requirements of a Chartered Accountancy qualification (ACA) training agreement with an Institute of Chartered Accountants in England and Wales (ICAEW) training employer.

Students on this degree can apply to spend a year abroad at one of our prestigious partner institutions, including Nanyang Technological University, Singapore; ESCP Europe, France; and Seoul National University, South Korea, among many others. Studying abroad enables students to expand their international network of contacts, develop a wider perspective on the world of accounting and finance and enhance their career prospects.

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's BSc (Hons) Accounting and Finance is supported by the ICAEW and has been designed so that students who meet the relevant criteria can achieve eight exemptions from the ICAEW's Chartered Accountancy qualification. Graduates can also gain credits for prior learning from the Chartered Insurance Institute (CII), the Chartered Institute of Management Accountants (CIMA) and the Chartered Institute of Public Finance and Accountancy (CIPFA).

Hiren Gohil
2014 Graduate, Current employment: Deloitte

Cass has provided me with a great platform to launch my career. Having lecturers who have real industry experience helped us to understand the more practical concepts of the course and its usefulness in real life. This has been very insightful, as I knew what I was learning and how it would be of use in real working life. The course combines rigorous academic study with intensive leadership training. Managers won't just study leadership, they will practise it.

Lianne Kong
2014 Graduate, Current employment: Goldman Sachs

Cass Business School gave me opportunities to learn from lecturers with many years of experience in the financial sector. The degree equipped me with great skills and academic knowledge to secure a placement year in Goldman Sachs. The industry experience was very insightful and I enjoyed working in a dynamic environment that pushed me to strive for excellence in everything I did. Upon returning to my final year, I was offered a full-time Analyst role in Goldman Sachs and I am very grateful for the skills and knowledge developed throughout my undergraduate days at Cass that have contributed to my career path.

Dr Danielle Lyssimachou
Senior Lecturer, Course Director

Dr Danielle Lyssimachou is a Senior Lecturer in Accounting and Course Director of the BSc (Hons) Accounting and Finance. She is also an Honorary Lecturer at Manchester Business School, University of Manchester, having previously held a full-time appointment there and was a Visiting Professor at EDHEC Business School, France, during 2009-13.

Prior to joining academia, Dr Lyssimachou worked as a management accountant in the healthcare sector. Danielle has extensive experience leading accounting and finance courses at undergraduate, MSc, MBA and Executive Education level and she has received awards for her commitment to teaching excellence, including the Student Voice Award for Best Teaching by City University London and a Teaching Excellence Commendation by the University of Manchester.

Dr Lyssimachou's research examines the motives behind equity analyst behaviour and the properties and investment value of analyst forecasts. She has presented her research findings at various international and practitioner conferences and her research has been published in *The Accounting Review* and in *Abacus*.

www.city.ac.uk/danielle-lyssimachou

Actuarial Science
BSc (Hons)

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

UCAS code

G322

Duration

3 years.

With optional 4 year sandwich – professional work placement or study abroad year (to be selected in year two of study).

Entry requirements

Typical offers require one of the following:

'A' Level
A* (Mathematics) AA.

IB
35 points, including 7 in Higher Level Mathematics, 6 in all Higher Level subjects and 5 in all Standard Level subjects. One bonus point allowed.

In addition, the following is required:

GCSE
English Language grade C.

English language requirements

IELTS: 6.5 overall with a minimum of 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: cassug@city.ac.uk
T: +44 (0) 20 7040 4040

Actuarial science 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 start their actuarial career, with the added flexibility of allowing students to alternatively use these skills to enter risk management, investment management or financial analysis upon graduation.

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, statistics and probability. Core modules include financial reporting, contingencies and stochastic models.

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

We offer six language options at several levels as extracurricular course. Please visit our website for more information, **www.cass.city.ac.uk/courses/undergraduate.**

Opportunities for work placements and study abroad

A key part of this degree is the opportunity to gain professional work experience. Students are eligible to commence a one year paid work placement during the third year of a four year sandwich degree programme.

Cass students enjoy a wide range of opportunities in business areas such as corporate insurance and risk management, actuarial investment pricing and capital management. Students have recently taken up placements within many leading corporate organisations including Association of British Insurers, Aviva, Friends Life, Munich RE and Legal & General. Our dedicated placement team are in regular contact with these and many more companies and will support students throughout the work experience process.

Students on this degree can apply to spend a year abroad at one of our prestigious partner institutions, including the Chinese University of Hong Kong, Hong Kong; the University of Waterloo, Canada; and Western University, Canada. 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.

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 graduates become actuarial trainees and study for the Institute and Faculty 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 subjects CT1–CT8 of the actuarial profession's examinations.

Actuarial Science Foundation year

UCAS code

G320

Entry requirements

Designed for students who do not meet the entry requirements for the BSc (Hons), 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 the website, **www.cass.city.ac.uk/courses/undergraduate.**

Dr Jaap Spreeuw
Senior Lecturer, Course Director

Dr Jaap Spreeuw is Course Director of the BSc (Hons) Actuarial Science. He is a member of the Dutch Actuarial Association and a Fellow of the Institute of Actuaries. In recent years, he has published research that has explored the 'broken-heart' effect, using a stochastic intensity approach to model the mortality risk of couples of individuals.

www.city.ac.uk/jaap-spreeuw

Banking and International Finance
BSc (Hons)

The BSc (Hons) Banking and International Finance degree provides students with the academic knowledge and skills required to operate in the increasingly competitive world of financial markets.

UCAS code

N302

Duration

3 years.

With the following optional routes:

3 years with a replacement second year studying abroad (to be selected in year one of study).

4 year sandwich, with a professional work placement or study abroad year (to be selected in year two of study).

Entry requirements

Typical offers require one of the following:

'A' Level
AAA.

IB
35 points, including 6 in all Higher Level subjects and 5 in all Standard Level subjects. One bonus point allowed.

In addition, the following is required:

GCSE
English Language grade C and Mathematics grade A.

English language requirements

IELTS: 6.5 overall with a minimum of 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: cassug@city.ac.uk
T: +44 (0) 20 7040 4040

Students develop skills and knowledge in the key areas of banking and international finance, including financial intermediation, commercial and investment banking, bank and corporate risk management, international banking, banking regulation, economics, fixed income and derivatives, international finance and corporate finance. Students can choose several elective modules to focus more deeply on banking and finance, or broaden expertise in areas including accounting, management, strategy and programming languages.

Course structure

Year one
The first part of the course provides a strong foundation in financial markets, banking, economics and accounting, enabling students to relate study to the financial sector from an early stage and develop an understanding of the tools used in applied investment analysis, including mathematical, statistical, database, computing and presentation skills.

Core modules include:
- Banking and financial institutions
- Business skills
- Finance and investment
- Introductory financial accounting
- Introductory management accounting
- Macroeconomics
- Microeconomics
- Quantitative methods.

Year two
There is a focus on developing theoretical knowledge of banking and financial management, finance and economics. Students also study econometrics, which forms the basis of modelling and testing in banking and finance. Students can choose an additional two elective modules to suit their own interests and aspirations from a wide selection.

Core modules include:
- Bank risk management
- Derivatives
- Economics of forex
- Financial econometrics
- International banking
- Monetary economics.

Year three
Students develop knowledge of international finance and banking and financial management to an advanced level.

Core modules include:
- Banking regulation
- Corporate finance
- Fixed income and credit risk
- International finance.

Students also select two electives which can extend knowledge of finance and the applications of mathematical models, enhance understanding of the role of banks in financial markets, or allow a focus on areas including investment or accounting. Finally, students undertake a dissertation in a financial subject relevant to their interests and career aspirations.

We offer six language options at several levels as extracurricular courses: please visit our website for more information, **www.cass.city.ac.uk/courses/undergraduate.**

Opportunities for work placements and study abroad

A key part of this degree is the opportunity to gain professional work experience. Students are eligible to commence a one year paid work placement during the third year of a four year sandwich degree programme.

Cass students enjoy a wide range of opportunities in business areas such as corporate finance, operations, wholesale markets and asset management.

Students have recently taken up placements within many leading corporate organisations including Acropolis Capital, AXA Investment Managers, Bank of England, Duet Asset Management, Goldman Sachs, KPMG, Morgan Stanley, RWC Partners and UBP. Our dedicated placement team are in regular contact with these and many more companies and will support students throughout the work experience process.

Students on this degree can apply to spend a year abroad at one of our prestigious partner institutions, including Bocconi University, Italy; Goizueta Business School, Emory University, United States; and the National University of Singapore, Singapore, among many others. Studying abroad enables students to expand their international network of contacts, develop a wider perspective on the global finance industry and improve career prospects.

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. Recent employers have included American Express, Bank of America Merrill Lynch, Barclays Bank, Citigroup, Credit Suisse, Deloitte, JP Morgan, KPMG, Morgan Stanley, Nomura, PricewaterhouseCoopers and RBS.

Accreditation

Graduates from this degree can gain exemptions from the Chartered Insurance Institute (CII), the Chartered Institute of Management Accountants (CIMA), the Chartered Institute of Public Finance and Accountancy (CIPFA), the Institute of Chartered Accountants in England and Wales (ICAEW) and the Institute of Financial Services (IFS).

Other courses you may like

- BSc (Hons) Investment and Financial Risk Management.

Antoni Piela
2014 graduate

After attending an Open Day and chatting to the Course Director, it wasn't a difficult decision to apply: the material covered was more in-depth than any other courses I found and the opportunity to study and live in central London really appealed. One highlight of my time at Cass was the wide variety of guest speakers who visit – I particularly enjoyed a talk by Levi Roots, the creator of Reggae Reggae Sauce. I also really enjoyed the module on personal finance, so much so that I decided to focus on this area in my dissertation.

Dr Maria Carapeto
Senior Teaching Fellow,
Course Director

Dr Maria Carapeto is a Senior Teaching Fellow in Finance, Exemptions Director for the Cass undergraduate programme and the Course Director of the BSc (Hons) Banking and International Finance. Her research is focused on corporate finance issues, particularly related to bankruptcy, mergers and acquisitions, corporate restructuring, banking and corporate governance.
She previously taught at the Portuguese Catholic University, ISCTE, Portuguese Naval College and Maria Ulrich Higher Institute of Education. She also worked at the Centre for Applied Studies of the Portuguese Catholic University and as a consultant to the Lisbon Stock Exchange and the Portuguese Association of Ceramics.

www.city.ac.uk/maria-carapeto

Business Studies
BSc (Hons)

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

UCAS code

N100

Duration

3 years.

With the following optional routes:

3 years with a replacement second year studying abroad (to be selected in year one of study).

4 year sandwich, with a professional work placement or study abroad year (to be selected in year two of study).

Entry requirements

Typical offers require one of the following:

'A' Level
AAA.

IB
35 points, including 6 in all Higher Level subjects and 5 in all Standard Level subjects. One bonus point allowed.

In addition, the following is required:

GCSE
English Language grade C and Mathematics grade A (unless taken alongside 'A' Levels or Access qualifications, where grade B may be considered).

English language requirements

IELTS: 6.5 overall with a minimum of 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: cassug@city.ac.uk
T: +44 (0) 20 7040 4040

Students learn a range of subjects, which give them a general understanding of the various elements of running a business and management of an organisation. There is a focus on technical skills, relating to, for example, administrative procedures and organisational core businesses. Students also develop soft skills, including communicating, listening, giving feedback, teamwork, 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 range of international and global issues and prepares students for the changing needs of the labour market.

Course structure

Year one
Students are introduced to some of the essential tools needed to function effectively in the business world, including accounting, statistics, economics and the functions of organisations. Other modules build skills such as effective business communication, teamwork and leadership.

Core modules include:
- Introduction to microeconomics
- Financial mathematics and business statistics
- Introduction to financial accounting for business
- Functions of organisations: concepts, understanding and strategy (FOCUS).

Students also choose one elective module from a selection of six.

Year two
Year two develops students' knowledge of basic business functions and the concepts and analytical tools of business and management.

Core modules include:
- Business statistics 2
- Management of human resources
- Principles of finance
- Principles of marketing
- Operations management.

Students can specialise in marketing or finance by taking specific modules in these fields, or stay in a general group choosing three elective modules from a selection of fifteen.

Year three
In the final year, students study two core modules:
- Strategy for business
- Final year project.

Students also choose five elective modules from a selection of twenty one. Students specialising in finance take modules in corporate finance and financial services regulation, while students specialising in marketing take new product development and choose two modules from a selection including applied market research, strategic marketing and social media theory and practice.

We offer six language options at several levels as extracurricular courses: please visit our website for more information, **www.cass.city.ac.uk/courses/undergraduate.**

Opportunities for work placements and study abroad

A key part of this degree is the opportunity to gain professional work experience. Students are eligible to commence a one year paid work placement during the third year of a four year sandwich degree programme.

Cass students enjoy a wide range of opportunities in business areas such as finance, marketing and human resource management. Students have recently taken up placements within many leading corporate organisations including IBM, L'Oreal, Morgan Stanley, UBS, UNICEF UK and Universal Pictures. Our dedicated placement team are in regular contact with these and many more companies and will support students throughout the work experience process.

Students on this degree can apply to spend a year abroad at one of our prestigious partner institutions, including Queensland University of Technology, Australia; the University of Hong Kong, Hong Kong; and the Robert H Smith School of Business, Maryland University, United States, among many others. Studying abroad enables students to expand their international network of contacts, develop a wider perspective on global business, broaden networks of contacts and improve career prospects.

Career opportunities

BSc (Hons) Business Studies graduates embark on careers across a range of business disciplines, including finance, marketing, operations and human resources. Many students also establish their own startup companies. Recent graduates have found jobs with internationally renowned companies such as the BBC, Ernst & Young and Goldman Sachs.

Accreditation

The course gives exemption from some of the professional examinations of the Institute of Chartered Accountants in England and Wales (ICAEW). Graduates can also gain credit for prior learning from the Chartered Insurance Institute (CII), the Chartered Institute of Management Accountants (CIMA) and the Chartered Institute of Public Finance and Accountancy (CIPFA).

Other courses you may like

- BSc (Hons) Management.

Priyatam Sogani
BSc (Hons) Business Studies, second year

I joined City after spending a year at INTO City University London, its partner institution. I took the International Foundation in Business and Economics with Accounting, which guarantees progression to Cass Business School for students who complete the course successfully. Now that I'm at Cass, I'm determined to make the most of the opportunities available to me: I'm taking language classes and I'm involved in AIESEC, which is a global organisation run by students and recent graduates to facilitate leadership development.

Dr Panos Pouliasis
Senior Lecturer, Course Director

Dr Panos Pouliasis is Course Director of the BSc (Hons) Business Studies and Senior Lecturer in Commodities and Finance. His research activity focuses on derivatives and quantitative asset management and is directed towards the development of resourceful methods for trading and risk management in commodity and shipping markets. His work has been published in international academic journals such as the *Review of Finance*, *Journal of Banking and Finance*, *Journal of Futures Markets* and *Energy Economics*. Dr Pouliasis has also worked closely with industry specialists in the financial services, hedge fund, real estate and shipping sectors; he has collaborated with companies both as consultant and educator in executive training programmes.

www.city.ac.uk/panos-pouliasis

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 investment arena and modern financial markets in general.

UCAS code

N390

Duration

3 years.

With the following optional routes:

3 years with a replacement second year studying abroad (to be selected in year one of study).

4 year sandwich, with a professional work placement or study abroad year (to be selected in year two of study).

Entry requirements

Typical offers require one of the following:

'A' Level
AAA.

IB
35 points, including 6 in all Higher Level subjects and 5 in all Standard Level subjects. One bonus point allowed.

In addition, the following is required:

GCSE
English Language grade C and Mathematics grade A (unless taken alongside 'A' Levels or Access qualifications, where grade B may be considered).

English language requirements

IELTS: 6.5 overall with a minimum of 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: cassug@city.ac.uk
T: +44 (0) 20 7040 4040

This degree provides an in-depth understanding of the theoretical and professional aspects 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.

Core modules include:
- Finance and investment
- Banking and financial institutions
- Foundations of economics for finance
- Introduction to financial accounting.

Year two
The second year deepens students' 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.

Core modules include:
- Security analysis
- Portfolio theory and investment valuation
- Derivatives, trading and hedging.

Year three
In the final year, core modules enable students to gain in-depth knowledge of investment and financial risk management.

Core modules include:
- Asset-liability management
- Equity investment management
- Financial engineering
- Fixed income portfolio management.

Elective modules allow students to extend their study of these subjects or to focus on areas ranging from financial accounting to advanced corporate finance.

We offer six language options at several levels as extracurricular courses, please visit our website for more information, **www.cass.city.ac.uk/courses/undergraduate.**

Opportunities for work placements and study abroad

A key part of this degree is the opportunity to gain professional work experience. Students are eligible to commence a one year paid work placement during the third year of a four year sandwich degree programme.

Cass students enjoy a wide range of opportunities in business areas such as sales and trading, hedge funds, prime brokerage and equity research. Students have recently taken up placements within many leading corporate organisations including AXA Investment Managers, Goldman Sachs, Morgan Stanley, UBP and Walt Disney. Our dedicated placement team are in regular contact with these and many more companies and will support students throughout the work experience process.

Students on this degree can apply to spend a year abroad at one of our prestigious partner institutions, including Bocconi University, Italy; the Hong Kong University of Science and Technology, Hong Kong; and the Richard Ivey School of Business, Western University, Canada, among many others. Studying abroad enables students to expand their international network of contacts, develop a wider perspective on the global finance industry, broaden networks of contacts and improve career prospects.

Career opportunities

The majority of graduates from this course enter challenging and rewarding careers in the investment and risk management field and in the fund management industry. Graduates 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 Bank of England and the Financial Services Authority. Recent employers also include Barclays Capital, BNP Paribas, Citi, Credit Suisse Group, Deutsche Bank, Morgan Stanley and RBS.

Accreditation

Specific modules exempt students from the professional examinations of the Chartered Insurance Institute (CII), the Chartered Institute of Management Accountants (CIMA), the Chartered Institute of Public Finance and Accountancy (CIPFA), the Institute of Chartered Accounts in England and Wales (ICAEW) and the Institute of Financial Services (IFS).

Other courses you may like

- BSc (Hons) Banking and International Finance.

Dr Sotiris Staikouras
Senior Lecturer, Course Director

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 they 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 changes in the market as a whole. At Cass Business School, Dr Staikouras is Course Director for the BSc (Hons) Investment and Financial Risk Management.

www.city.ac.uk/sotiris-staikouras

Management
BSc (Hons)

The BSc (Hons) Management 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.

With the following optional routes:

3 years with a replacement second year studying abroad (to be selected in year one of study).

4 year sandwich, with a professional work placement or study abroad year (to be selected in year two of study).

Entry requirements

Typical offers require one of the following:

'A' Level
AAA.

IB
35 points, including 6 in all Higher Level subjects and 5 in all Standard Level subjects. One bonus point allowed.

In addition, the following is required:

GCSE
English Language grade C and Mathematics grade A (unless taken alongside 'A' Levels or Access qualifications, where grade B may be considered).

English language requirements

IELTS: 6.5 overall with a minimum of 6.0 in each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: cassug@city.ac.uk
T: +44 (0) 20 7040 4040

This course is distinctive in offering undergraduate students the opportunity to study systems thinking and risk management at BSc level, which gives graduates a significant advantage in the employment market. The course 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, in the theory and practice of management, in research methods and problem-solving skills.

Core modules include:
- Financial mathematics and business statistics
- Practice of management
- Systems thinking and action research
- Management science.

Specialist elective modules include the opportunity to study economics, accounting or business law.

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 and students may choose five elective modules from a wide range of options.

Core modules include:
- Operations management
- Systems thinking
- Business statistics.

Year three
The focus for the final year is on consolidating learning by selecting and applying the most appropriate analytical tools. The core module in applied systems thinking provides an opportunity to put concepts from the earlier years into practice through a consultancy assignment. A final year project allows students to explore a topic of their choice while elective modules provide the chance to explore contemporary and traditional issues.

Core modules include:
- Applied systems thinking
- Supply chain and logistics management
- Final year project.

We offer six language options at several levels as extracurricular courses: please visit our website for more information, **www.cass.city.ac.uk/courses/undergraduate.**

Opportunities for work placements and study abroad

A key part of this degree is the opportunity to gain professional work experience. Students are eligible to commence a one year paid work placement during the third year of a four year sandwich degree programme.

Cass students enjoy a wide range of opportunities in business areas such as consulting, marketing and finance. Students have recently taken up placements within many leading corporate organisations including Accenture, Lloyds Banking Group, Microsoft, Ralph Lauren, Telefonica (O2) and Warner Bros. Our dedicated placement team are in regular contact with these and many more companies and will support students throughout the work experience process.

Students on this degree can apply to spend a year abroad at one of our prestigious partner institutions, including Singapore Management University, Singapore; IE-Business School, Spain; and the Sauder School of Business, University of British Columbia, Canada, among many others. Studying abroad enables students to expand their international network of contacts, develop a wider perspective on the global finance industry, broaden networks of contacts and improve career prospects.

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 Barclays Capital, Esso, IBM and Morgan Stanley. Others enter postgraduate study.

Accreditation

The BSc (Hons) Management provides exemption from some of the professional examinations of the Chartered Insurance Institute (CII), the Chartered Institute of Management Accountants (CIMA), the Chartered Institute of Public Finance and Accountancy (CIPFA) and the Institute of Chartered Accountants in England and Wales (ICAEW).

Other courses you may like

- BSc (Hons) Business Studies.

Dr Martin Rich
Senior Lecturer, Course Director

Dr Martin Rich is Course Director of the BSc (Hons) Management and Senior Lecturer in Information Management. Before joining Cass Business School, Dr Rich worked in the information systems sector as a consultant and project manager. In his research, he explores how managers learn in the workplace and in education settings. He also examines how successive generations of technology have changed approaches to work.

www.city.ac.uk/martin-rich

School of Health Sciences

Fahmid Rahman
BSc (Hons) Radiography (Radiotherapy and Oncology), second year

I would very much like to go into dosimetry, which involves planning the radiotherapy treatment for patients using CT scans and software called Aria. I really enjoy the patient contact; each person is different and over the course of their treatment you get to know them better. The University academics visit us once a week while we are on placement to check if things are running smoothly, which is really helpful.

Cloe Amber Campbell
BSc (Hons) Adult Nursing, third year

Adult nursing allows me to talk and get to know people while hopefully making a positive difference. It allows me to extend my knowledge base and actively apply that to my everyday work, which is why I chose to study at City. The course is varied, with several placements, alongside lectures and seminars. City has good facilities, such as the Clinical Skills Centre, where we can practise using the same equipment and follow the same procedures as hospital wards. I hope to continue to expand my knowledge and use my skills to follow good practice and eventually reach my career goals.

The School of Health Sciences at City University London is a leader in the field of healthcare education and health policy due to its interdisciplinary approach and world class research.

The School offers a range of undergraduate degrees in nursing, midwifery, optometry, radiography, radiotherapy and language and communication science (including speech and language therapy and speech and language science). The research of our academic staff, which involves close collaboration with healthcare providers, practitioners and service users, is changing lives here and around the world. Students undertake health placements in London's prestigious healthcare institutions. This practice experience takes place in trusts including Barts Health NHS Trust, University College London Hospitals NHS Foundation Trust, the East London NHS Foundation Trust and Homerton University Hospital NHS Foundation Trust, City's Fight for Sight Optometry Clinic and schools and health centres.

New courses

The School of Health Sciences is continuously evolving by developing new fields of research and building innovative new courses. At the time of publication the information in this prospectus was accurate, but please check our website for a comprehensive list of undergraduate degrees on offer at the School. **www.city.ac.uk/health.**

Degrees offered	
Adult Nursing BSc (Hons)	88
Child Nursing BSc (Hons)	90
Mental Health Nursing BSc (Hons)	92
Midwifery BSc (Hons)	94
Optometry BSc (Hons) or MOptom (Hons)	96
Radiography (Diagnostic Imaging) BSc (Hons)	98
Radiography (Radiotherapy and Oncology) BSc (Hons)	100
Speech and Language Science BSc (Hons)	102
Speech and Language Therapy BSc (Hons)	104

Emily Dowse
Optometrist, Moorfields Eye Hospital, BSc (Hons) Optometry, graduated 2012

I work in several different areas of clinical optometry. The majority is at Moorfields Eye Hospital, where my current posts include refraction and low vision as well as an extended role working with cataract and glaucoma patients. One day a week I work in research and development at Moorfields on clinical trials. My NHS work is supplemented by a day in private practice (an independent on the high street) and I recently started working in a private laser refractive surgery clinic seeing pre and post-op patients. I enjoy the variety as I see many different types of patients and work with a wide range of health professionals. Working in extended role clinics at Moorfields means that I am constantly learning from my colleagues and regularly seeing new pathologies and eye conditions. Contributing to clinical research is a very rewarding part of my job; it's exciting to be part of important advances in the field of ophthalmology. At City, we were given lectures relating to the different career paths that an optometrist can take and this information cemented my decision to apply to a hospital. I hope to progress in hospital optometry, but I am also considering a PhD in the future. I may also explore the possibility of opening my own practice.

Preparing for your future

The School is committed to ensuring its students graduate with the skills, confidence and experience to succeed in a range of careers in health. Students benefit from state-of-the-art facilities which include a Clinical Skills Centre with simulated wards, Optometry laboratories, a Radiography clinical skills centre and an on-site Speech and Language Optometry clinics. A degree in health can lead to a rewarding and challenging lifelong career, with ample opportunities for progression, further study, development and specialisation. Graduates of the School enjoy excellent employment prospects, with 92 per cent moving into employment or further study within six months of graduation.

Research excellence at the School of Health Sciences

Research conducted by staff in the School of Health Sciences generates fresh knowledge that makes a difference to the health of the nation by transforming healthcare policy and practice. Over the past five years, staff have been involved in research grant awards amounting to approximately £75 million in research funding in the fields of vision sciences, maternal and child health, midwifery, healthcare delivery, mental health nursing and public health. This world-leading research covers areas offered on our undergraduate courses. Students of language and communication science may learn from staff who are pioneering new studies into British Sign Language acquisition among deaf and hearing-impaired children, or who are developing new approaches to helping people with aphasia communicate through gesture. In nursing and midwifery our staff are exploring how patients with long-term health conditions can better manage their health, what impact birth settings can have on neonatal outcomes and the interaction between physical and mental health conditions. Optometry students learn alongside academic staff who are experts in glaucoma and other diseases of the eye, as well as from staff who are international leaders in colour vision research. Radiography students will work with staff who have explored the side effects of radiotherapy. At a broader level, students in clinical training may work with world leaders in telehealth or with teams who work on implementing the changing evidence base in a wide range of areas, including blood transfusion practice.

The School's commitment to research is demonstrated by our outstanding results in the Research Excellence Framework (REF) 2014, where 82 per cent of the School's research was recognised as either 'world-leading' or 'internationally excellent'.

The next step

Choosing an undergraduate degree is one of the most important decisions you will make. On the pages that follow, you will find detailed information on each of the degrees we offer, including overviews of course structures, entry requirements and career opportunities. Here we provide a short overview of what to expect from undergraduate study in our fields of expertise:

Nursing: 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 lifelong career in which nurses can develop their skills and interests within a range of specialisms. Nurses work in many different healthcare settings from hospitals and schools to patients' homes, with the opportunity to work in rural, urban and overseas settings.

Midwifery: 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.

Optometry: 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 fulfilling work with patients.

Radiography: Radiographers are a central part of the modern healthcare team in hospitals and need an understanding of technology, anatomy, physiology, physics 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 progress to advanced and consultant practice status or dosimetry, move into research or 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.

Speech and Language Science: 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, or hearing loss, 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. A degree in Speech and Language Science provides a more interdisciplinary overview of communication, with the option to take modules within the Social Sciences and to move into professions where communication skills and processes are central.

Selection days

Students applying to courses that are funded by the NHS will be required to attend a selection day at City University London as part of the application process. Selection days run from December to June and usually include both written and oral tests. Find out more at **www.city.ac.uk/health**.

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
300 UCAS tariff points, with at least 200 gained at A2. 'A' or 'AS' Levels in Biological Science, Social Sciences and Health and Social Care are preferred.

IB
32 points.

Access to HE Diploma
Access courses will be considered on an individual basis.

BTEC
DDM (Health and Social Care or Science-related subject only).

In addition, the following is required:

GCSE
5 GCSEs at grade C, including English Language and Mathematics.

English language requirements

IELTS: 7.0 overall with a minimum of 7.0 in each component.

Enquiries

E: health@city.ac.uk
T: +44 (0) 20 7040 5000

Additional requirements

Students are required to have occupational health and enhanced disclosure and barring service clearance. Academic and character references are also required.

As part of the selection process, shortlisted prospective students will be invited to a selection day where they will be required to demonstrate that their values match those of the NHS Constitution. Visit our website for more information.

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 at the School include a state-of-the-art Clinical Skills Centre, which includes a simulated ward where students can prepare for their practice experience.

For students who have already graduated with a first degree, City also offers a two year fast-track Postgraduate Diploma in Adult Nursing.

Course structure

Year one
The first year focuses on relationship-centred care and considers the psychological, social and biological factors influencing health. Students are required to undertake a practice placement.

Year two
In the second year, students continue to explore these themes in the context of acute and long-term care. Students can also pursue specific clinical interests on a two week elective practice placement in addition to course clinical placements.

Year three
In the final year, the emphasis is on leading and managing in professional practice. Students undertake a 6,000 word dissertation. As part of the clinical placement experience, students spend the final 12 weeks of the course in practice and 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. An online clinical skills resource provides step-by-step video demonstrations on clinical skills.

Assessment includes written reports, reflective essays, group presentations and multiple-choice examinations. Practice is assessed by the student's mentor and practice tutor and by an Objective Structured Clinical Examination (OSCE) in a simulated environment.

Clinical placements

Half of students' time is spent gaining practice experience through clinical placements and simulated practice. This takes place in settings such as acute care, continuing care, GP surgeries, nursing homes, private hospitals, patients' homes and the community. 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, North Middlesex University Hospital NHS Trust, Homerton University Hospital NHS Foundation Trust and East London NHS Foundation Trust.

Career opportunities

Career prospects are excellent, with graduates securing employment with trusts including Barts Health NHS Trust, Homerton University Hospital NHS Foundation Trust, University College London Hospitals and North Middlesex University Hospital NHS Trust.

Nursing is a lifelong career where students can develop their skills and interests in a range of specialisms including further advanced practice study at City.

Accreditation

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

Tuition fees

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

Other courses you may like

- BSc (Hons) Child Nursing
- BSc (Hons) Mental Health Nursing
- BSc (Hons) Midwifery.

Melissa Chamney
Senior Lecturer,
Programme Director

Melissa Chamney is a Senior Lecturer specialising in nephrology nursing and the Programme Manager for the BSc (Hons) Adult Nursing. She joined the School in 2004. She previously worked at the Queen Elizabeth Hospital in Adelaide as the Coordinator of the Nephrology Nurse Programme. She is a Co-Chair of the Kidney Research Education Institute (KREI), which includes membership of academics from different UK universities and service user and carers across the UK. She has recently published research into how renal healthcare professionals, patients and carers collaborate to improve education in health settings.

www.city.ac.uk/melissa-chamney

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
300 UCAS tariff points, with at least 200 gained at A2. 'A' or 'AS' Levels in Biological Science, Social Sciences and Health and Social Care are preferred.

IB
32 points.

Access to HE Diploma
Access courses will be considered on an individual basis.

BTEC
DDM (Health and Social Care or Science-related subject only).

In addition, the following is required:

GCSE
5 GCSEs at grade C, including English Language and Mathematics.

English language requirements

IELTS: 7.0 overall with a minimum of 7.0 in each component.

Enquiries

E: health@city.ac.uk
T: +44 (0) 20 7040 5000

Additional requirements

Students are required to have occupational health and enhanced disclosure and barring service clearance. Academic and character references are also required.

As part of the selection process, shortlisted prospective students will be invited to a selection day where they will be required to demonstrate that their values match those of the NHS Constitution. Visit our website for more information.

Children's nurses need to be versatile and resilient as they care for children and young people with acute or long-term health problems, mental ill-health, special needs or terminal illness. 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 at the School include a state-of-the-art Clinical Skills Centre, which includes a simulated ward where students can prepare for their practice experience.

For students who have already graduated with a first degree, City also offers a two year fast-track Postgraduate Diploma in Child Nursing.

Course structure

Year one
In the first year the focus is on relationship-centred care and the psychological, social and biological factors influencing health. Students are required to undertake a practice placement.

Year two
In the second year, students continue to explore these themes in the context of acute and long-term care. Students can also pursue specific clinical interests on a two week elective practice placement in addition to course clinical placements.

Year three
In the final year, the emphasis is on leading and managing in professional practice. Students undertake a 6,000 word dissertation. As part of the clinical placement experience, students undertake a 12-week final practice placement.

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 online clinical skills resource provides step-by-step video demonstrations on clinical skills.

Assessment includes written reports, multiple-choice and short-answer examinations, reflective essays, care studies and group presentations. Practice is assessed by the student's mentor and practice tutor and by Objective Structured Clinical Examinations (OSCEs) in a simulated environment.

Clinical placements

Half of students' time is spent gaining practice experience through clinical placements and simulated practice. Placement experience is gained in settings such as acute care, nursery schools, health centres, special schools, in the community with community children's nurses and with clinical specialist children's nurses. Students following the Children's Nursing pathway rotate around placements in City's "communities of practice", a partnership of healthcare providers in Central and North East London including Barts Health NHS Trusts with the Royal London Children's Hospital, Homerton University Hospital NHS Foundation Trust and North Middlesex University Hospital NHS Trust.

Career opportunities

Career prospects are excellent, with graduates securing employment with local trusts, throughout London and nationwide. Nursing is a lifelong career where students can develop their skills and interests in a range of specialisms including further advanced practice study at City.

Accreditation

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

Tuition fees

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

Other courses you may like

- BSc (Hons) Adult Nursing
- BSc (Hons) Mental Health Nursing
- BSc (Hons) Midwifery.

Ursula Smith
Senior Lecturer

Ursula Smith is a Senior Lecturer for the BSc (Hons) Child Nursing. Before joining City University London in 1999, she worked in a range of roles in the public, private and voluntary sector specialising in HIV and palliative care. She has held positions in pediatric and adult nursing including Manager of Residential Services at London Lighthouse, a renowned HIV-specific organisation, Head of Education at Mildmay Hospital and Clinical Nurse Specialist in HIV. She currently leads modules on critical and reflective practice, people and personal development, work-based learning and leading and managing in professional practice.

www.city.ac.uk/ursula-smith

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
300 UCAS tariff points, with at least 200 gained at A2. 'A' or 'AS' Levels in Biological Science, Social Sciences and Health and Social Care are preferred.

IB
32 points.

Access to HE Diploma
Access courses will be considered on an individual basis.

BTEC
DDM (Health and Social Care or Science-related subject only).

In addition, the following is required:

GCSE
5 GCSEs at grade C, including English Language and Mathematics.

English language requirements

IELTS: 7.0 overall with a minimum of 7.0 in each component.

Enquiries

E: health@city.ac.uk
T: +44 (0) 20 7040 5000

Additional requirements

Students are required to have occupational health and enhanced disclosure and barring service clearance. Academic and character references are also required.

As part of the selection process, shortlisted prospective students will be invited to a selection day where they will be required to demonstrate that their values match those of the NHS Constitution. Visit our website for more information.

Students combine theoretical study with clinical experience working with London's diverse populations in leading hospitals and community settings. Facilities at the School include a state-of-the-art Clinical Skills Centre, which includes a simulated ward where students can prepare for their practice experience.

For students who have already graduated with a first degree, City also offers a two year fast-track Postgraduate Diploma in Mental Health Nursing.

Course structure

Year one
The first year focuses on relationship-centred care and considers the psychological, social and biological factors influencing health. Students are required to undertake a practice placement.

Year two
In the second year, students continue to explore these themes in the context of acute and long-term care. Students can also pursue specific clinical interests on a two week elective practice placement in addition to course clinical placements.

Year three
In the third year, the emphasis is on leading and managing in professional practice. Students undertake a 6,000 word dissertation. As part of the clinical placement experience, students spend the final 12 weeks of the course in practice and 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. 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 examinations, 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.

Clinical placements

Half of students' time is spent gaining practice experience through clinical placements and simulated practice. 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. Placements are with the East London NHS Foundation Trust.

Career opportunities

City students are highly employable, with graduates starting on an annual average salary of £25,000 in roles such as intensive care nurse, paediatric nurse, mental health nurse and community staff nurse in the UK's leading hospitals and trusts. Nursing is a lifelong career where students can develop their skills and interests in a range of specialisms including further advanced practice study at City.

Accreditation

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

Tuition fees

Tuition fees for home and EU students studying the BSc (Hons) 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/students** for more information.

Other courses you may like

- BSc (Hons) Adult Nursing
- BSc (Hons) Child Nursing.

Dr Louise Phillips
Senior Lecturer

Dr Louise Phillips has been at City University London since 2002 and is a Senior Lecturer and Researcher specialising in women's mental health. She previously practised as a registered Mental Health Nurse in a range of settings including the voluntary sector and the NHS. Louise is the Practice Lead for Mental Health in the Division of Nursing and Programme Director of the MSc Advanced Practice in Health and Social Care (Adult Mental Health). Louise's teaching and support of students was acknowledged when she received the Student Voice Award in 2013.

Her research interests include the experiences of student nurses in practice, women's mental health and contemporary European critical theory. She has been awarded two grants for research in the area of perinatal mental illness. She is currently further developing this area of research in collaboration with colleagues in the School of Health Sciences at City and within antenatal and perinatal mental health services in East London.

www.city.ac.uk/louise-phillips

Professor Alan Simpson
Professor of Collaborative Mental Health Nursing

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.

www.city.ac.uk/alan-simpson

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 from three A2 subjects. 'A' or 'AS' Levels in Biological Sciences, Social Sciences and Health and Social Care are preferred.

IB
33 points.

Access to HE Diploma
Nursing, Midwifery, Health or Social Care subject.

BTEC
Extended Diploma (18 unit award): DDD (Health and Social Care or Science-related subject only).

In addition, the following is required:

GCSE
5 GCSEs at grade C, including English Language and Mathematics.

English language requirements

IELTS: 7.0 overall with a minimum of 7.0 in each component.

Enquiries

E: health@city.ac.uk
T: +44 (0) 20 7040 5000

Additional requirements

Students are required to have occupational health and enhanced disclosure and barring service clearance. Academic and character references are also required.

As part of the selection process, shortlisted prospective students will be invited to a selection day where they will be required to demonstrate that their values match those of the NHS Constitution. Visit our website for more information.

BSc (Hons) Midwifery students benefit from a 120 year history in educating midwives (as the St Bartholomew School of Nursing and Midwifery) and from facilities including the Clinical Skills Centre, with its state-of-the-art laboratories where students can rehearse their caring skills prior to their placements.

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 include:
- Foundation skills for midwifery practice
- Developing skills for caring in normal midwifery practice (practice experience)
- Introduction to human biology
- Public health, midwifery and healthy communities
- Using evidence in midwifery practice.

Year two
Using evidence in midwifery practice, 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 multi-professional team to ensure the best possible outcome for women and babies when complexities arise.

Students have a choice of two modules. Core modules include:
- Reproductive biology, pathology and pharmacology
- Developing relationships in midwifery practice
- Developing skills for midwifery practice
- Skills for coordinating complex midwifery care (practice experience).

Elective modules include:
- Sexual health in relation to midwifery practice
- Anthropology of childbirth.

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

Core modules include:
- Developing autonomy in midwifery practice (practice experience)
- Leading and managing in professional midwifery practice
- Dissertation.

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

Clinical placements

Sixty per cent of course time is spent gaining practice experience through clinical placements. These occur 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.

Career opportunities

Career prospects are excellent, with graduates securing 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 are registered by the Nursing and Midwifery Council (NMC), which provides an internationally recognised professional qualification.

Tuition fees

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/students** for more information.

Other courses you may like

- BSc (Hons) Adult Nursing
- BSc (Hons) Child Nursing.

Judith Sunderland
Lead Midwife for Education, Programme Director

Judith's 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, Judith 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. Judith has been a Lecturer in Midwifery in City's School of Health Sciences since 2004 and she continues to practice through her work in sexual health and family planning.

www.city.ac.uk/judith-sunderland

Optometry

BSc (Hons) or MOptom* (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, beginning in 1898.

UCAS code

B510

Duration

BSc (Hons): 3 years.
MOptom (Hons): 4 years.

Entry requirements

Typical offers require one of the following:

'A' Level
360 UCAS tariff points (at least 3 'A2' Levels must be included in the points calculation. A grades at 'A2' Level are required in two of the following subjects: Biology, Chemistry, Mathematics or Physics).

IB
34 points, 6 required in each of two sciences and at least 5 in each of Mathematics and English.

Bachelor degrees
Upper second class Honours degree in other science or medically-related degree.

Foundation degrees
65% overall degree aggregate in the Foundation Degree in Ophthalmic Dispensing (City University London course only).

Dispensing diploma
Over 75% in all theory examinations.

In addition, the following is required:

GCSE
GCSE Mathematics at grade B, 4 additional GCSEs at grade C or above, including English Language.

Enquiries

E: health@city.ac.uk
T: +44 (0) 20 7040 5000

*MOptom (Hons) subject to approval

English language requirements

IELTS: 7.0 overall with a minimum of 7.0 in each component.

Additional requirements

Students are required to have enhanced disclosure and barring service clearance.

MOptom entry
Entry onto the MOptom programme is limited to 20 places. You will need to obtain an aggregate of at least 60% on the first three years of the Optometry programme in order to be considered for entry. The MOptom (Hons) has the same UCAS code as the BSc (Hons).

Students benefit from state-of-the-art clinics and laboratories, including the Fight for Sight Optometry Clinic and from study, placement and employment opportunities in a diverse capital city. 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.

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, optics and ophthalmic lenses laboratories and the clinical skills suites.

Core modules include:
- Human biology
- Optics
- Visual optics and mathematics
- Ophthalmic lenses and dispensing
- Clinical skills.

Year two
In the second year students expand and enhance their clinical skills, developing 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, preparing students for the final-year clinics.

Core modules include:
- Visual science
- General pathology and eye disease
- Clinical skills II
- Contact lenses
- 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 at the Fight for Sight Optometry Clinic. Students carry out full eye examinations and gain specialist skills in the primary care, paediatric, binocular vision, contact lens, dispensing and visual impairment clinics. Students also examine patients at Moorfields Eye Hospital, one of the world's leading eye hospitals, and gain experience in dispensing spectacles and practice management.

Core modules include:
- Eye disease and therapeutics
- Clinical skills and professional practice
- Binocular vision, paediatrics and visual impairment
- Contact lenses II
- Research studies.

MOptom (Hons) (subject to approval): Year four
The MOptom final year is run in conjunction with students' pre-registration training and consists of four Masters-level modules covering:
- Ophthalmic examination
- Glaucoma
- Diabetic eye disease
- Optometric practice.

The MOptom prepares students for a career in specialist optometric practice, clinical research or the hospital eye service.

Clinical placements
Clinical placements are at Moorfields Eye Hospital where students observe ophthalmologists treating and managing ocular conditions. In addition, experience is gained at the Royal National Institute for the Blind's visual impairment clinic in central London.

Career opportunities
Optometry offers a varied and flexible career with opportunities in private practice, hospital eye departments, research and education. Graduates can also go on to study an advanced practice MSc or PhD at City.

Accreditation
The first three years of the course are accredited by the General Optical Council for the first part of the training of optometrists. Full registration is gained after successful completion of the Scheme for Registration.

Other courses you may like
- Foundation Degree in Ophthalmic Dispensing.

Professor Ron Douglas
Professor of Visual Science

Academic staff at City's School of Health Sciences 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 course.

www.city.ac.uk/ron-douglas

Radiography (Diagnostic Imaging)
BSc (Hons)

The BSc (Hons) Radiography (Diagnostic Imaging) 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 from three 'A' Levels. A minimum of 100 points must be achieved from an 'A' Level in Mathematics, Physics, Chemistry or Biology. General Studies and Critical Thinking are not accepted.

IB
33 points.

Access to HE Diploma
Radiography or Science only. Please refer to our website for further entry requirement details.

BTEC
Extended Diploma (18 unit award): D*D*D (Applied Science or Medical Science only).

In addition, the following is required:

GCSE
5 GCSEs at grade C, including English Language, Mathematics and double science.

English language requirements

IELTS: 7.5 overall with a minimum of 7.0 in each component.

Enquiries

E: health@city.ac.uk
T: +44 (0) 20 7040 5000

Additional requirements

Applicants must complete a supportive clinical visit feedback form in regard to the discipline they apply for. These can be found on our website.

Students are required to have occupational health, enhanced disclosure and barring service clearance. Academic and character references are also required.

As part of the selection process, shortlisted prospective students will be invited to a selection day where they will be required to demonstrate that their values match those of the NHS Constitution. Visit our website for more information.

City has one of the best equipped radiography clinical skills suites in the UK, which includes 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. We have close links with both radiology departments in partner hospitals and the radiography profession.

Course structure

Half of the course is 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 is spent primarily in the University.

Core modules include:
- Common module 1
- Common module 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 include:
- 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 include:
- Equipment evaluation
- Image interpretation/evaluation
- Preparation for clinical practice
- Management and radiographic practice
- A research exercise or project.

Students learn in several ways – lectures, seminars and practical training in the Centre for Radiography Clinical Skills Education, which mirrors the clinical environment.

Work is assessed through coursework, written examinations, class tests, multiple-choice tests, practical examinations and clinical assessments while on clinical placement.

Clinical placements

City works in partnership with a range of hospital trusts in London and Essex. These include The Royal Free Hospital and Barts Health NHS Trust in London and Southend University Hospital in Essex. During their course, students have one primary clinical placement at a main site but rotate through other hospitals to gain greater clinical experience.

Career opportunities

City's course has excellent employability rates; most graduates find employment in the NHS or private hospitals. Graduates may also be able to practise internationally. With appropriate post-qualification experience, graduates can also go on to study Radiography at MSc level at City.

Accreditation

On graduation, students are professionally recognised by the College of Radiographers and are eligible to apply for registration with the Health and Care Professions Council to practise in the UK.

Tuition fees

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

Other courses you may like

- BSc (Hons) Radiography (Radiotherapy and Oncology).

Laila Alhassan
Radiographer, Western Sussex Hospitals NHS Foundation Trust, graduated 2014

My clinical placement was one of the highlights of my time at City. I was based at St Mary's Hospital in North West London, which is part of Imperial College Healthcare NHS Trust. We spent 50 per cent of our time on placement and I enjoyed putting the theory that we cover in class into practice. Having now graduated I plan to specialise and do a Masters degree. For anyone considering studying Radiography, I would say that with good time management it is possible to balance your studies and placements with other interests. In my case I've been really involved in the City Cheerleading Squad and I've also been secretary of the Afro-Caribbean Society.

Radiography (Radiotherapy and Oncology) BSc (Hons)

The BSc (Hons) Radiography (Radiotherapy and Oncology) 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 technology 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 from three 'A' Levels. A minimum of 100 points must be achieved from an 'A' Level in Mathematics, Physics, Chemistry or Biology. General Studies and Critical Thinking are not accepted.

IB
33 points (must include Physics).

Access to HE Diploma
Radiography or Science only. Please refer to our website for further entry requirement details.

BTEC
Extended Diploma (18 unit award): D*D*D (Applied Science or Medical Science only).

In addition, the following is required:

GCSE
5 GCSEs at grade C, including English Language, Mathematics and Double Science.

English language requirements

IELTS: 7.5 overall with a minimum of 7.0 in each component.

Enquiries

E: health@city.ac.uk
T: +44 (0) 20 7040 5000

Additional requirements

Applicants must complete a supportive clinical visit feedback form in regard to the discipline they apply for. These can be found on our website.

Students are required to have occupational health, enhanced disclosure and barring service clearance. Academic and character references are also required.

As part of the selection process, shortlisted prospective students will be invited to a selection day where they will be required to demonstrate that their values match those of the NHS Constitution. Visit our website for more information.

City has one of the best equipped radiography clinical skills suites in the UK, including a life-size virtual radiotherapy environment. There are also close links with radiotherapy departments in hospitals, the radiotherapy profession and industry. Excellent interpersonal skills are needed in all aspects of the profession, for example, to explain complex treatment plans, while supporting patients and their families.

Course structure

Students spend equal time at the University and at their allocated clinical placements.

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 include:
- 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 their second year, students move on to more specialised subjects and begin to apply the knowledge and experience gained in year one.

Core modules include:
- Radiography research and statistics
- Management and radiotherapy technique A
- Competence to practise 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 include:
- Holistic patient care
- Management and radiotherapy technique B
- Competence to practise B1
- Competence to practise B2
- Healthcare policy and quality management
- A research exercise or 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 coursework, written examinations, class tests, multiple-choice tests, practical examinations and clinical assessments while on clinical placement.

Clinical placements

City works in partnership with a range of hospital trusts in London and Essex. These include The Royal Free Hospital, University College London Hospital, North Middlesex University Hospital and St Bartholomew's Hospital in London and in Essex, Queen's Hospital Romford 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.

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. With appropriate post-qualification experience, graduates can also go on to study Radiography at MSc level at City.

Accreditation

On graduation, students are professionally recognised by the College of Radiographers and are eligible to apply for registration with the Health and Care Professions Council to practise in the UK.

Tuition fees

Tuition fees for home and EU students studying the BSc (Hons) 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/students** for more information.

Other courses you may like

- BSc (Hons) Radiography (Diagnostic Imaging).

Dave Flinton
Senior Lecturer and Divisional Lead for the Division of Midwifery and Radiography

Academic staff at City's School of Health Sciences undertake research in several fields relating to Radiography. One example is provided by Dave Flinton, Senior Lecturer and Divisional Lead for the Division of Midwifery and Radiography, responsible for the delivery of City's BSc (Hons) Radiography (Radiotherapy & 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. 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.

www.city.ac.uk/dave-flinton

Speech and Language Science
BSc (Hons)

The BSc (Hons) Speech and Language Science 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
340 UCAS tariff points. Typically gained from 'A' Level grades AAB or ABB with an 'AS' Level.

IB
33 points.

Access to HE Diploma
Relevant Health or Science subject with 60 credits, 45 at level 3 of which 36 must be distinctions. Please refer to our website for further entry requirement details.

BTEC
Extended Diploma in Health and Social Care or Science-related subject: D*DD.

In addition, the following is required:

GCSE
5 GCSEs A*-C with a grade C or above in English Language and Mathematics.

English language requirements

IELTS: 6.5 overall with a minimum of 6.5 in the spoken and written components.

Enquiries

E: health@city.ac.uk
T: +44 (0) 20 7040 5000

Students develop crucial skills in analytical thinking, written and verbal communication, critical appraisal, team-working and organisation. Students benefit from high-quality and research-informed education and share core modules with City's BSc (Hons) Speech and Language Therapy students. Students who achieve at least an upper second class Honours degree classification on the BSc (Hons) Speech and Language Science are guaranteed a place on City's prestigious Postgraduate Diploma in Speech and Language Therapy.

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 include:
- Hearing and speech sciences 1
- Language sciences 1
- Biomedical sciences 1
- Lifespan studies.

Examples of optional modules include:
- 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 include:
- Hearing and speech sciences 2
- Language sciences 2
- Biomedical sciences 2
- Developmental psychology
- Research and evidence-based practice.

Examples of optional modules include:
- Instrumental techniques in speech and hearing sciences
- Forensic phonetics.

Year three
The focus is on both a research project and the nature of cognition and language in children and adults.

Core modules include:
- Language sciences 3
- Research project.

Examples of optional modules include:
- Sociolinguistics
- Language and gender: critical approaches.

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 areas including education, speech and language therapy or audiology.

Other courses you may like

- BSc (Hons) Speech and Language Therapy.

Dr Bernard Camilleri
Senior Lecturer,
Programme Director

Dr Bernard Camilleri qualified as a speech and language therapist in 1995 and completed his PhD at City University London before joining as a lecturer in 2005. His research explores language and cognition, the natural history of speech and language impairments, the 'dynamic assessment' of children's language and early parent-child interaction. He is director of the Compass Centre, the School's in-house education and research clinic for Language and Communication Sciences and he leads modules on language sciences and developmental studies.

www.city.ac.uk/bernard-camilleri

Speech and Language Therapy
BSc (Hons)

City's BSc (Hons) Speech and Language Therapy has an excellent reputation and is based within the largest education, 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 gained from 'A' Level grades A*AA or AAB with an 'AS' Level.

IB
35 points, including 6 in all Higher Level subjects.

Access to HE Diploma
Relevant Health or Science subject with 60 credits, 45 at level 3 of which 36 must be distinctions. Please refer to our website for further entry requirement details.

BTEC
Extended Diploma in Health and Social Care or Science-related subject: D*D*D.

In addition, the following is required:

GCSE
5 GCSEs A*-C with a grade C or above in English Language and Mathematics.

English language requirements

IELTS: 7.5 overall.

Enquiries

E: health@city.ac.uk
T: +44 (0) 20 7040 5000

Additional requirements

Students are required to have occupational health, enhanced disclosure and barring service clearance.

As part of the selection process, shortlisted prospective students will be invited to a selection day where they will be required to demonstrate that their values match those of the NHS Constitution. Visit our website for more information.

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. For students who have already graduated with a first degree, City also offers a two year fast-track Postgraduate Diploma in Speech and Language Therapy.

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 include:
- Hearing and speech sciences 1
- Language sciences 1
- Biomedical sciences 1
- 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 include:
- Hearing and speech sciences 2
- Language sciences 2
- Biomedical sciences 2
- 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 include:
- Research and evidence-based practice
- Language sciences 3
- 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 include:
- 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 examinations.

Clinical 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.

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 in Health and Social Care (Speech, Language and Communication) MSc at City.

Accreditation

Graduates can register with the Health and Care Professions Council and practise as a speech and language therapist.

Tuition fees

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/students** for more information.

Other courses you may like

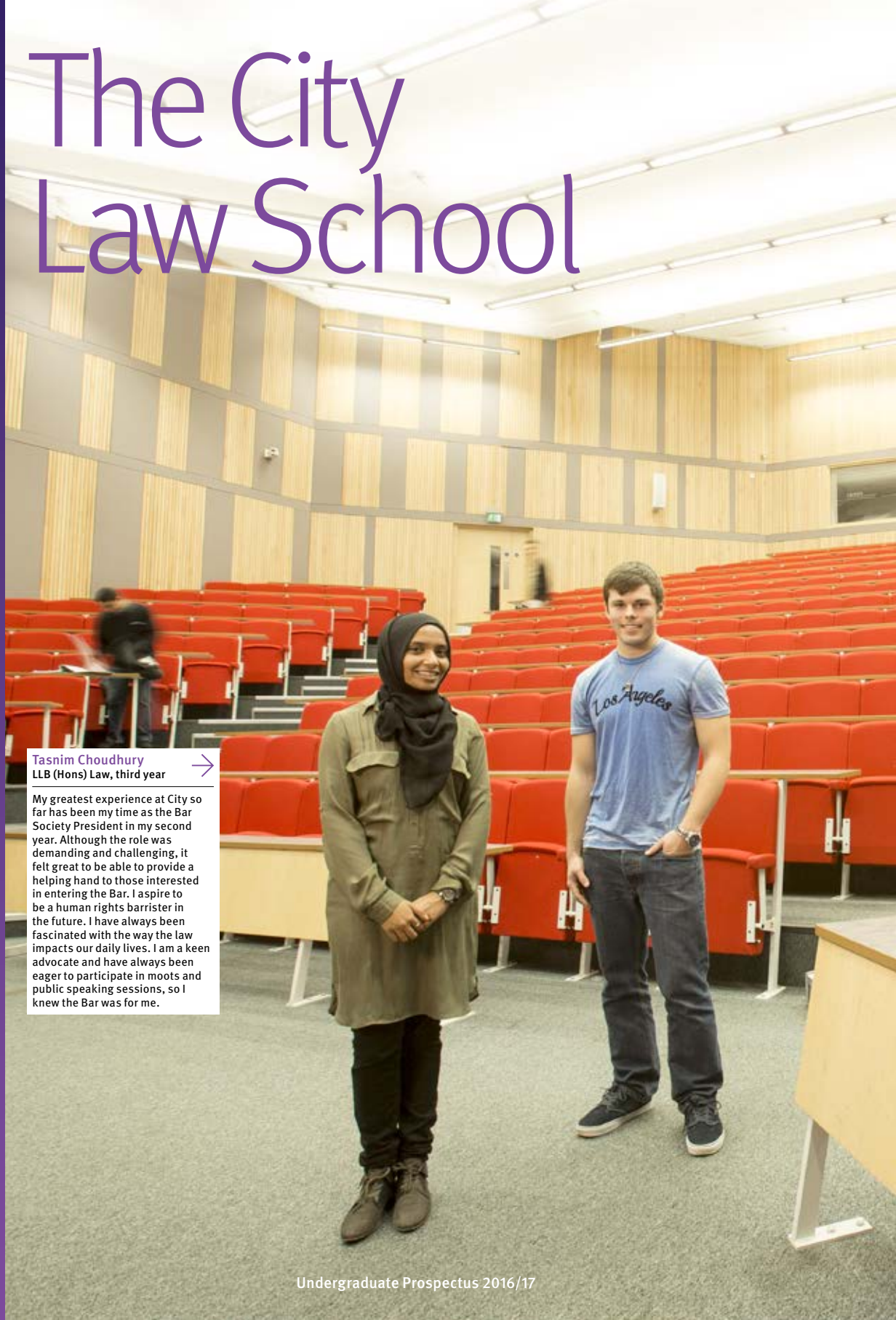
- BSc (Hons) Speech and Language Science.

Professor Jane Marshall
Professor of Aphasiology

Academic staff at City's School of Health Sciences undertake research in several 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 many aspects of aphasia including sentence processing, aphasia in users of British Sign Language and aphasia in bilingual language users. Much of her work aims to address the clinical needs of people with aphasia. This is exemplified by a recent project, funded by the Engineering and Physical Sciences Research Council 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 and was found to be effective in improving gesture production. A follow-up project with the same team, funded by the Stroke Association, is evaluating the benefits of a virtual communication environment for people with aphasia.

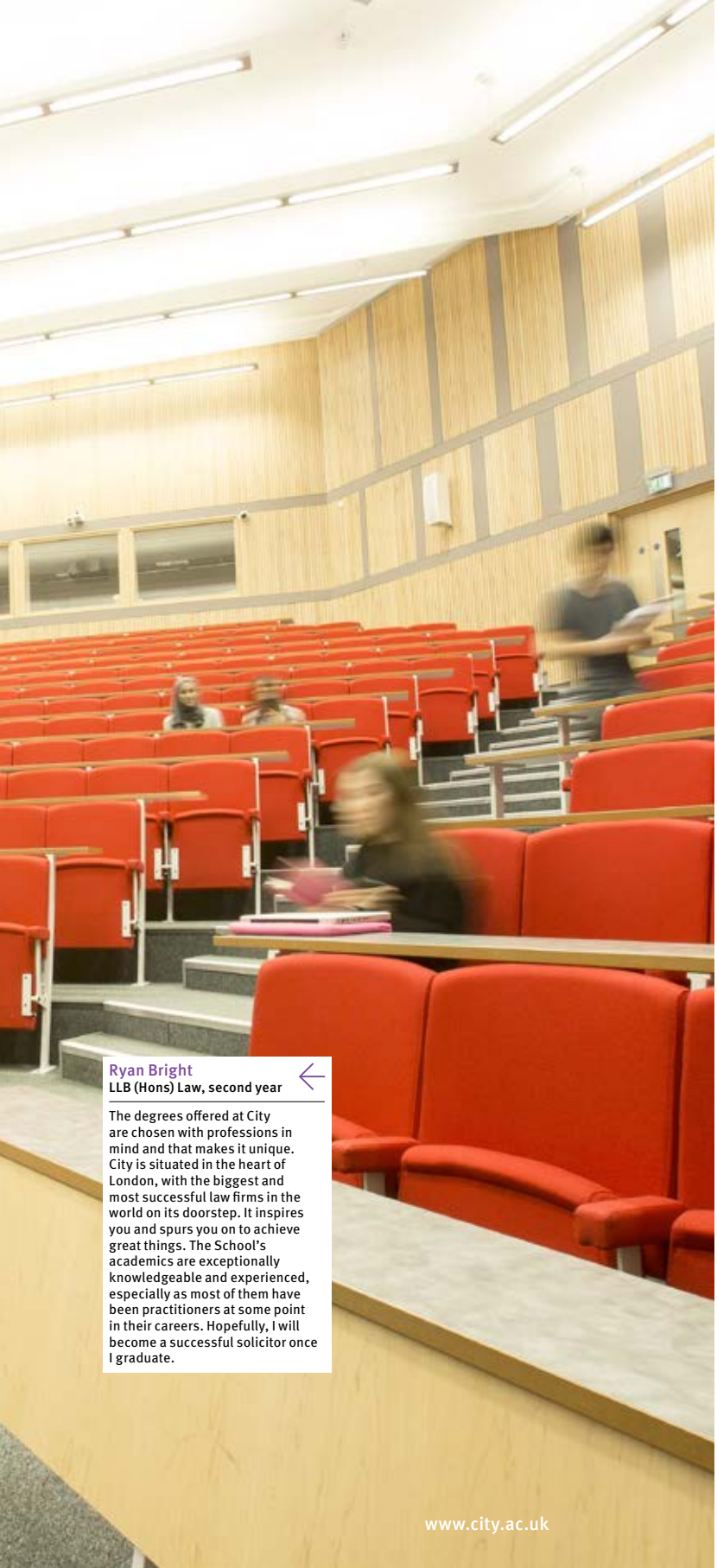
www.city.ac.uk/jane-marshall

The City Law School



Tasnim Choudhury
LLB (Hons) Law, third year

My greatest experience at City so far has been my time as the Bar Society President in my second year. Although the role was demanding and challenging, it felt great to be able to provide a helping hand to those interested in entering the Bar. I aspire to be a human rights barrister in the future. I have always been fascinated with the way the law impacts our daily lives. I am a keen advocate and have always been eager to participate in moots and public speaking sessions, so I knew the Bar was for me.



Ryan Bright
LLB (Hons) Law, second year

The degrees offered at City are chosen with professions in mind and that makes it unique. City is situated in the heart of London, with the biggest and most successful law firms in the world on its doorstep. It inspires you and spurs you on to achieve great things. The School's academics are exceptionally knowledgeable and experienced, especially as most of them have been practitioners at some point in their careers. Hopefully, I will become a successful solicitor once I graduate.

The City Law School is a major law school in London and offers an impressive range of academic and professional courses. Located in the heart of legal London, the School was the first in the United Kingdom to educate students and practitioners at all stages of legal education.

The School's history dates back to 1852, when the Inns of Court School of Law was founded. Some of the world's most influential figures have passed through its doors, including former British Prime Ministers Herbert Henry Asquith, Clement Attlee, Margaret Thatcher and Tony Blair; Mohandas Karamchand (Mahatma) Gandhi, leader of the Indian independence movement; Muhammad Ali Jinnah, the first Governor-General of Pakistan and Dr Ivy Williams, the first woman to be called to the English Bar. The Inns of Court School of Law was formally incorporated into City University London in 2001, when it became The City Law School.

At the undergraduate level, the LLB (Hons) is highly regarded by the profession and students have moved into employment in leading law firms and in many other sectors. In years one and two there is a focus on the core legal subjects and an emphasis on professional skills, including legal techniques. Students choose from a wide range of elective modules rarely offered at an undergraduate level, with the opportunity to specialise in a particular field, therefore benefiting from the range of research expertise among academic staff. Undergraduates who plan to pursue careers as solicitors are guaranteed a place on the Legal Practice Course (LPC) upon graduation, subject to meeting the Course's entry requirements. Undergraduates who wish to become barristers are similarly strongly encouraged to apply for the Bar Professional Training Course (BPTC).

Degrees offered	
Law LLB (Hons)	110

Mohamedali Gokal
Trainee Solicitor, Linklaters,
LLB (Hons) Law, graduated 2012

A trainee traditionally completes four six-month 'seats' in different practice areas. So far I've completed seats in banking, equity and debt markets and I am currently in my third seat in dispute resolution. There are many things I enjoy about being a trainee here, but principal among these are the fast-paced nature of the work and the adrenaline rush of a big deal. Through City, I gained a one week placement with a magic circle law firm at the end of my first year, which cemented my interest to work as a solicitor in the city.

Preparing for the future

The City Law School is located in central London, close to England's major law firms, courts and tribunals, including the Inns of Court. This means that students benefit from London's great cultural and social scene and from all that the city can offer professionally. Many undergraduate students take part in the School's internal mooting competitions, while others work with clients as part of the *Pro Bono* programme, interviewing them and providing written advice. The Careers, Student Development & Outreach Service helps undergraduates planning to pursue a career in law, providing guidance on vacation schemes and professional courses. It also supports Law undergraduates who wish to apply the skills acquired during their degree in other fields upon graduation, with tailored guidance on developing *cv*s and networking, for example.

Research excellence at The City Law School

Academic staff at the School are engaged in research in all major areas of law, including criminal law and criminal justice; commercial law and contract law; European law; public international law; media law; maritime law and transport and professional practice. In addition, research centres, groups and institutes within the School provide a space for interdisciplinary collaboration and cutting-edge research into some of the most pressing contemporary legal issues. Academic staff affiliated with the Centre for Law, Justice and Journalism, for example, work with colleagues from City's Departments of Journalism and Sociology to explore themes including legal restraints on the media, journalistic objectivity and impartiality in international war crimes trials and legal safeguards against violence directed at journalists. The School's Centre for the Study of Legal Professional Practice (CSLPP) analyses current developments in the legal professions. It regularly hosts external speakers and recently has organised two international conferences. The Centre includes various specialist forums focusing on advocacy, alternative dispute resolution, civil litigation, criminal litigation, evidence and proof and legal ethics.

The School's commitment to research is demonstrated by our results in the most recent Research Excellence Framework (REF) 2014, where 65 per cent of the School's research was recognised as either 'world-leading' (4-star) or 'internationally excellent' (3-star).

The next step

Choosing an undergraduate degree is one of the most important decisions a student will make. An undergraduate Law degree provides a foundation in the knowledge and skills required to become a solicitor or barrister. The study of law also equips students with a range of transferable skills that are highly valued by employers. The page that follows highlights detailed information on the LLB (Hons) at City, including an overview of the course structure, entry requirements and career opportunities.

Specialist Pathways

The new structure of the LLB (Hons) curriculum* aims to provide students with greater flexibility, choice and opportunities for specialisation. This includes an elective subject in the second year. Students will be able to either sample a wide range of subjects or, if they choose, can focus on a particular field of interest. This specialisation is achieved by building upon the second year elective through the third year elective choices, leading to graduation with a recognised specialist pathway.

Some of the specialist pathway degrees under development include:

- LLB (Hons) with a Business Management pathway (with potential teaching contribution from Sir John Cass Business School, City University London's global business school)
- LLB (Hons) with an International Law pathway
- LLB (Hons) with a Criminology and Criminal Justice pathway
- LLB (Hons) with a Commercial and Corporate pathway
- LLB (Hons) with a Media, Entertainment and Sport pathway
- LLB (Hons) with a European Law pathway.

The rationale is to enable high achievers to create their own suite of electives to fit with their intellectual and career aspirations. Your personal tutor will be on hand to help you in building a bespoke programme.

*At the time of printing, the LLB (Hons) was under development and subject to University approval. Visit **www.city.ac.uk/law** for the most up-to-date information.

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
320 UCAS tariff points, typically gained from ABB or BBB at 'A' Level with an 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.

BTEC National Diploma
DDM required. Business or Business-related subject preferred.

IB
29 points, including 6 in Standard Level English Language.

In addition, the following is required:

GCSE
English Language and Mathematics at grade C.

English language requirements

IELTS: 7.0 overall with a minimum of 6.0 in each component.

Enquiries

E: law@city.ac.uk
T: +44 (0) 20 7040 8761

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 years one and two, students study the core legal subjects common to all undergraduate law degrees:

- Constitutional and administrative law
- Contract law
- Criminal law
- Employability and the graduate market
- English legal system
- Equity and trusts
- EU law
- Land law
- Legal method
- Tort.

Under the new structure, students will take an elective subject in year two and a core legal subject in year three. Through their choice of electives, students will have the opportunity to graduate with a specialisation in a named pathway.

Year three
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:

- Aviation law and regulation
- Banking law
- Canadian constitutional law
- Canadian corporate law
- Commercial and agency law
- Commercial property law
- Company law
- Competition law
- Constitutional law of the USA
- Criminal justice
- Employment law
- Family and child law
- Forensic science
- Human rights law
- Immigration law
- Intellectual property law
- International commercial arbitration
- International criminal law
- International economic law
- Islamic law
- Justice, law and history
- Law of evidence
- Legal ethics and professional responsibility
- Legal skills
- Maritime law
- Media law
- Public international law.

Opportunities for study abroad

The School has established student exchange programmes, for example with universities in Australia, France, Poland, Russia and Spain. The programmes provide the opportunity to spend half of the third year studying at one of these universities.

Career opportunities

The 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).

As *alumni* of the University, graduates automatically receive significant tuition fee discounts for professional courses (subject to approval).

After completing the Law degree many students go on to become practising solicitors or barristers, but the course also allows students to pursue a wide range of careers. Graduates might work for other providers of legal services and regulatory agencies; non-governmental bodies and international NGOs; the Law Commission; the European Union; as well as the Civil Service. Graduates often successfully apply for places on general graduate training programmes with property firms, retail sector, investment banks and consultancy firms.

Sanmeet Kaur Dua
Lecturer, Programme Director

Sanmeet Kaur Dua was awarded an LLB in English and European Law by Queen Mary College London and Leiden University in 2003. She was called to the Bar (Middle Temple) in 2004 and in 2008 she was awarded an LLM in Competition Law by University College London (UCL). Prior to joining City, she taught at Queen Mary University of London and UCL.

http://www.city.ac.uk/sanmeet-kaur-dua

School of Mathematics, Computer Science & Engineering

Redwanur Bashar
BEng (Hons) Civil Engineering, second year

My favourite part of the course so far has been the five-day geology field trip to Torquay. This trip helped me to realise the importance of communication and teamwork. City has not only given me the applied skills to practise civil engineering, but also the organisation and leadership skills needed to manage projects and solve problems.
With the demand for oil and gas constantly rising, I hope to become a leading figure in the development of sustainable energy.

Abubakar Abutalib
BSc (Hons) Business Computing Systems, third year

I have a strong interest in becoming a business analyst. Business analysts have a huge role to play within an organisation. I enjoy solving problems, communicating and analysing. I also know that I would enjoy the thrill of being able to respond to user needs in a rapidly changing business environment. City has helped me in many ways to achieve this goal. Modules have been interesting and the academics at City provide tremendous support.

The School of Mathematics, Computer Science & Engineering has been offering outstanding courses tailored to the needs of the professions for more than 100 years. Undergraduate students in the School learn with academics who are at the forefront of research activity in their fields. Students also have access to exceptional laboratory facilities and benefit from the School's close ties to relevant industries.

The School offers degrees in Civil Engineering; Computing and Information Technology; Electrical and Electronic Engineering (including Biomedical Engineering and Engineering with Management and Entrepreneurship); Mathematics and Mechanical and Aeronautical Engineering. With a diverse undergraduate community of almost 2,000 students, the School provides a supportive and dynamic environment for study. The extensive laboratory facilities include dedicated undergraduate education spaces alongside cutting-edge biomedical and electrical engineering research laboratories.

Degrees offered	
Aeronautical Engineering MEng (Hons) or BEng (Hons)	116
Air Transport Engineering MEng (Hons) or BEng (Hons)	118
Automotive and Motorsport Engineering MEng (Hons) or BEng (Hons)	120
Biomedical Engineering MEng (Hons) or BEng (Hons)	122
Business Computing Systems BSc (Hons)	124
Civil Engineering MEng (Hons) or BEng (Hons)	126
Civil Engineering with Architecture MEng (Hons) or BEng (Hons)	128
Computer Science MSci (Hons) or BSc (Hons)	130
Computer Science with Cyber Security MSci (Hons)	132
Computer Science with Games Technology MSci (Hons) or BSc (Hons)	134
Computer Systems Engineering BEng (Hons)	136
Electrical and Electronic Engineering MEng (Hons) or BEng (Hons)	138
Energy Engineering MEng (Hons) or BEng (Hons)	140
Engineering with Management and Entrepreneurship BEng (Hons)	142
Mathematics MMath (Hons) or BSc (Hons)	144
Mathematics with Finance and Economics MMath (Hons) or BSc (Hons)	146
Mathematics with Statistics MMath (Hons) or BSc (Hons)	148
Mathematics and Finance MMath (Hons) or BSc (Hons)	150
Mechanical Engineering MEng (Hons) or BEng (Hons)	152
Telecommunications BEng (Hons)	154

Jaz Rabadia
Senior Manager of Energy and Initiatives, Starbucks, BEng (Hons) Mechanical Engineering, graduated 2006

After graduating from City I joined the energy team at Sainsbury's where my role was to cut energy costs and reduce their carbon footprint. I was subsequently appointed as Energy Manager at Debenhams and I was the youngest person in the UK to become a Chartered Energy Manager. I have recently accepted a more senior role at Starbucks. I am a STEM (Science, Technology, Engineering and Mathematics Network) Ambassador and recently won the Energy Institute's first Young Energy Professional Award for my work encouraging young people into the energy sector. In 2012 I was Highly Commended as a Young Achiever at the Asian Women of Achievement Awards.

Preparing for the future

The School is proud of its close links with industries that seek to employ high-calibre graduates in the fields of computing and information technology, engineering and mathematics. The courses are designed in collaboration with industry and this is reflected in an emphasis on professional and transferable skills. All undergraduate students can choose to undertake a professional placement as part of their degree or, in the case of degrees in computing and information technology, students can choose the innovative Professional Pathway scheme, gaining three years of experience while studying. The Professional Liaison Unit supports students seeking placements, internships and opportunities for work-based learning. The University's Careers, Student Development & Outreach Service provides guidance on graduate employment and opportunities for further study for students at all stages of their degree.

Research excellence at the School of Mathematics, Computer Science & Engineering

Research at the School is characterised by real-world relevance and an interdisciplinary approach. Students in the School learn from academic staff who are pushing the boundaries of research in Mathematics, Computing and Engineering and in so doing, changing society. In the field of computing and information technology, students might choose to undertake an elective module in human computer interaction (HCI) design, working alongside academics who are researching how apps can be used to improve the lives of vulnerable populations. Academic staff also lead the way in research into novel methods and frameworks to support the modelling, search, analysis, consumption and evolution of massive text and rich media information, including images and sound, that underpin modern complex sociotechnical systems.

In Engineering, research is organised around four Centres: Fluids Engineering, Structural & Geotechnical Engineering, Sensors & Instrumentation and Systems & Control. This structure allows academic staff and research students from different departments to work with each other on innovative research. Recently, pioneering work in the Sensors & Instrumentation Centre has led to the development of medical sensors which facilitate the monitoring of oxygen levels in vital organs during surgery, while academics in Fluids Engineering are facilitating greater energy efficiency through the design of improved compressors to be used in industries including refrigeration and oil and gas processing.

In the Department of Mathematics, academic staff are engaged in pure and applied fundamental research in areas including Representation Theory, Mathematical Biology and Mathematical Physics, the latter being an area of longstanding strength within the University.

The School's performance in the Research Excellence Framework (REF) 2014 showed an impressive growth in the proportion of 'world-leading' (4-star) and 'internationally excellent' (3-star) outputs relative to the 2008 Research Assessment Exercise. This most satisfying achievement was a consequence of providing extra research support to existing academics and recruiting additional staff in each of the disciplines.

The next step

Choosing an undergraduate degree is one of the most important decisions a student will make. The pages that follow highlight detailed information on each of the degrees offered, including overviews of course structures, entry requirements and career opportunities. Here is a short overview of what to expect from undergraduate study in the various fields of expertise of the School of Mathematics, Computer Science & Engineering:

Civil Engineering: Civil engineers design, construct, manage and improve the environment (e.g. bridges, tall buildings, harbours and tunnels). They develop infrastructure and have a profound effect on the way people live their lives 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.

Computing and Information Technology: 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.

Electrical and Electronic Engineering: 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.

Mathematics: Mathematics is fundamental to 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.

Mechanical and Aeronautical Engineering: Mechanical and aeronautical engineers design, develop, operate and maintain the world's active infrastructure of society, from 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, 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.

Aeronautical Engineering

MEng (Hons) or BEng (Hons)

The MEng (Hons) Aeronautical Engineering degree prepares students for an exciting and rewarding career in the global aerospace industry, working on manned and unmanned aircraft and spacecraft projects. We also offer a BEng (Hons) degree in Aeronautical Engineering.

MEng (Hons)

UCAS code

H403 MEng (Hons), H405 MEng (Hons) 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, including Mathematics at 'A' Level grade A. 'A' Level Physics preferred.

IB
35 points, including a minimum of 6 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

BEng (Hons)

UCAS code

H410 BEng (Hons), H401 BEng (Hons) with professional placement.

Duration

3 years or 4 years including a professional placement.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points, including Mathematics at 'A' Level grade B. 'A' Level Physics preferred.

IB
33 points, including a minimum of 5 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-mea@city.ac.uk
T: +44 (0) 20 7040 6050

The integrated MEng (Hons) degree offers the most direct route to achieving CEng professional registration. Alternatively, chartered status may be reached by taking a BEng (Hons) degree followed by a Masters degree (or Engineering Doctorate) accredited by the appropriate engineering institution.

The degrees have been developed to educate students in the design, analysis and testing of aeronautical and aerospace vehicles and associated technology. Graduates typically work with major aircraft or aerospace manufacturers, such as Airbus or BAE Systems, managing the design, maintenance or modification of an aircraft or an aerospace system.

Course structure

The course is delivered as lectures, tutorials, group design, practical sessions and field trips. A combination of analytical, experimental, group interactive education 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 led by academic staff from the Fluid Dynamics Research Centre, 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.

Year one
Year one provides a broad foundation in engineering concepts with a slant towards real-world applications.

Core modules include:
- Engineering science 1
- Engineering practice 1
- Mathematics and computation 1.

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

Core modules include:
- Engineering practice 2
- Engineering science 2
- Mathematics and computation 2
- Aeronautical analysis and design.

Students registered on the BEng (Hons) who obtain good grades at the end of the second or third year may transfer to the MEng (Hons) course.

Year three
The course becomes more specialised with a choice of subjects. In addition to the group design project mentored by industry experts, the individual project allows students to investigate a subject of particular interest.

Core modules include:
- Individual project
- System reliability and safety
- Engineering practice 3
- Dynamics of flight.

Elective modules include:
- Aerodynamics
- Aircraft structures
- Computational fluid dynamics
- Flight dynamics
- Gas turbine engineering.

Year four: MEng (Hons)
This year 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.

Core module:
- Engineering management.

Elective modules include:
- Aerodynamics of wing and bodies
- Structural dynamics and aeroelasticity
- Aircraft structural analysis
- Airworthiness and maintenance
- Air transport operations
- Computational fluid dynamics
- Gas turbine engineering.

Opportunities for work placements

Students 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.

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 AgustaWestland Helicopters, Airbus, BAE Systems, Rolls-Royce and QinetiQ and by many successful small companies that supply components and services. Some graduates move on to a career in flying.

Professor Chris Atkin
Professor of Aeronautical Engineering

Professor Chris Atkin is a leading expert on the prediction and control of boundary layer flows in the field of aeronautical engineering. He has provided advice and modelling software to the UK Ministry of Defence and companies including Airbus and QinetiQ. Professor Atkin's recent research explores innovative flow control techniques for Unmanned Aerial Vehicles (UAVs) and low-emission transport aircraft. Professor Atkin is a member of the Council of the Royal Aeronautical Society and an Associate Editor of the *Aeronautical Journal*.

www.city.ac.uk/chris-atkin

Accreditation

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

Other courses you may like

- MEng (Hons)/BEng (Hons) Air Transport Engineering
- MEng (Hons)/BEng (Hons) Automotive and Motorsport Engineering
- MEng (Hons)/BEng (Hons) Energy Engineering
- MEng (Hons)/BEng (Hons) Mechanical Engineering
- Mechanical and Aeronautical Engineering Foundation Programme.

Air Transport Engineering

MEng (Hons) or BEng (Hons)

Air transport engineering is essential for the safe and effective operation of aircraft. The MEng (Hons) course is equally applicable to prospective pilots and engineers as the industry increasingly demands a better understanding by new staff of the technical aspects of aircraft. We also offer a BEng (Hons) degree in Air Transport Engineering.

MEng (Hons)

UCAS code

H424 MEng (Hons), H423 MEng (Hons) 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, including Mathematics at 'A' Level grade A. 'A' Level Physics preferred.

IB
35 points, including a minimum of 6 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

BEng (Hons)

UCAS code

H422 BEng (Hons), H400 BEng (Hons) with professional placement.

Duration

3 years or 4 years including a professional placement.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points, including Mathematics at 'A' Level grade B. 'A' Level Physics preferred.

IB
33 points, including a minimum of 5 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-mea@city.ac.uk
T: +44 (0) 20 7040 6050

The integrated MEng (Hons) degree offers the most direct route to achieving CEng professional registration. Alternatively, chartered status may be reached by taking a BEng (Hons) degree followed by a Masters degree (or Engineering Doctorate) accredited by the appropriate engineering institution.

Graduates work in all areas of the air transport industry, including airlines, maintenance organisations and airports, and are 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.

Course structure

The course is delivered as lectures, tutorials, group design, practical sessions and field trips. A combination of analytical, experimental, group interactive education 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. The courses are led by academic staff from the Fluid Dynamics Research Centre, 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.

Year one
Year one provides a broad foundation in engineering concepts with a slant towards real-world applications.

Core modules include:
- Engineering science 1
- Engineering practice 1
- Mathematics and computation 1.

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

Core modules include:
- Engineering practice 2
- Engineering science 2
- Mathematics and computation 2
- Aeronautical analysis and design.

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

Students registered on the BEng (Hons) who obtain good grades at the end of the second or third year may transfer to the MEng (Hons) course.

Year three
The course becomes more specialised with a choice of subjects. In addition to the group design project mentored by industry experts, the individual project allows students to investigate and develop in depth a subject of particular interest.

Core modules include:
- Air transport operations
- Airworthiness and maintenance
- Avionics and control
- System reliability and safety.

Year four: MEng (Hons)
This year provides a multidisciplinary view of engineering design and creativity and innovation in problem-solving. Students also have the opportunity to select specialised subjects at Masters level.

Core module:
- Engineering management.

Elective modules include:
- Gas turbine engineering
- Combustion fundamentals and applications
- Aerodynamics
- Avionics and control
- Structural dynamics and aeroelasticity.

Opportunities for work placements

Students 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.

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.

Other courses you may like

- MEng (Hons)/BEng (Hons) Aeronautical Engineering
- MEng (Hons)/BEng (Hons) Automotive and Motorsport Engineering

Dr Chak-Wah Cheung
Senior Lecturer

Dr Chak-Wah Cheung graduated with a BSc (Hons) degree in Mechanical Engineering and undertook postgraduate research in Aeronautical Engineering before he joined British Aerospace Hatfield in January 1985. He carried out research on computational methods for calculating unsteady aerodynamics on lifting surfaces required for the aeroelastic design of BAe aircraft. Dr Cheung was also involved in flutter certification work of different aircraft ranging from BAe 146, 125, Jetstream 41 and Airbus A330 and A340.

Dr Cheung is Senior Lecturer in Aeronautical Engineering. He joined the School in 1994 and leads modules for students in years two, three and four on aircraft structures and aeroelasticity.

www.city.ac.uk/chak-wah-cheung

- MEng (Hons)/BEng (Hons) Energy Engineering
- MEng (Hons)/BEng (Hons) Mechanical Engineering
- Mechanical and Aeronautical Engineering Foundation Programme.

Accreditation

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

Automotive and Motorsport Engineering MEng (Hons) or BEng (Hons)

The MEng (Hons) course is designed for students who have an interest in the automotive, fuel and transport industries and/or motorsport. We also offer a BEng (Hons) degree in Automotive and Motorsport Engineering.

MEng (Hons)

UCAS code

H330 MEng (Hons), H334 MEng (Hons) 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, including Mathematics at 'A' Level grade A. 'A' Level Physics preferred.

IB
35 points, including a minimum of 6 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

BEng (Hons)

UCAS code

H331 BEng (Hons), H335 BEng (Hons) 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, including Mathematics at 'A' Level grade B. 'A' Level Physics preferred.

IB
33 points, including a minimum of 5 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-mea@city.ac.uk
T: +44 (0) 20 7040 6050

The integrated MEng (Hons) degree offers the most direct route to achieving CEng professional registration. Alternatively, chartered status may be reached by taking a BEng (Hons) degree followed by a Masters degree (or Engineering Doctorate) accredited by the appropriate engineering institution.

The degrees are designed to train students to work in the exciting and dynamic automotive and motor racing industry. Graduates are typically employed by 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.

Course structure

The course is delivered as lectures, tutorials, group design, practical sessions and field trips. A combination of analytical, experimental, group interactive education 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 Fluid Dynamics Research Centre, supported by relevant specialists and visiting members of industry.

Assessment is by coursework, 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.

Year one
Year one provides a broad foundation in engineering concepts with a slant towards real-world applications.

Core modules include:
- Engineering science 1
- Engineering practice 1
- Mathematics and computation 1.

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

Core modules include:
- Engineering practice 2
- Engineering science 2
- Mathematics and computation 2
- Mechanical analysis and design.

Students registered on the BEng (Hons) who obtain good grades at the end of the second or third year may transfer to the MEng (Hons) course.

Year three
The course becomes more specialised in year three, with a detailed focus upon automotive disciplines. In addition to 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 have the opportunity to join the City Racing Team in designing, building, marketing and racing a single-seater racing car at Silverstone.

Core modules include:
- Engineering practice 3
- Mechanics 3
- Computational analysis of engineering structures
- Internal combustion engines and vehicle powertrain
- Vehicle dynamics.

Year four: MEng (Hons)
This year 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.

Core modules include:
- Engineering management
- MEng design studies: Formula Student.

Elective modules include:
- Vehicle technology
- Performance of IC engine
- Advanced mechatronics
- Computer-aided design
- Heat transfer and turbomachinery.

Opportunities for work placements

Students 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.

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.

Professor Keith Pullen
Professor of Energy Systems

Professor Keith Pullen develops small scale, low carbon energy technologies, undertaking key research that has led to 27 patents granted or pending. Prior to joining City, he worked at Noble Denton, Rolls-Royce and Imperial College London, where his research explored high speed electrical machines. He has acted as an engineering consultant for companies including BP, Mercedes Benz F1 HPP and Red Bull F1.

Professor Pullen leads City's entry to Formula Student, a programme which has led to the development of the world's first flywheel hybrid entry.

www.city.ac.uk/keith-pullen

Other courses you may like

- MEng (Hons)/BEng (Hons) Aeronautical Engineering
- MEng (Hons)/BEng (Hons) Air Transport Engineering
- MEng (Hons)/BEng (Hons) Energy Engineering
- MEng (Hons)/BEng (Hons) Mechanical Engineering
- Mechanical and Aeronautical Engineering Foundation Programme (for more information on this Programme, please visit the City University London website).

Biomedical Engineering

MEng (Hons) or BEng (Hons)

The MEng (Hons) 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. We also offer a BEng (Hons) degree in Biomedical Engineering.

MEng (Hons)

UCAS code

BH82

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, including 'A' Levels in two science subjects or in Mathematics and one science subject, with grade A or higher required in one science subject or Mathematics.

IB
35 points, including 5 in two higher level sciences, or Higher Level Mathematics and a higher level science subject.

BTEC
D*DD in Electrical and/or Electronic Engineering including D in both L3 Mathematics subjects in the Extended Diploma only.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-eee@city.ac.uk
T: +44 (0) 20 7040 6050

BEng (Hons)

UCAS code

BH81 BEng (Hons), BHV1 BEng (Hons) with professional placement.

Duration

3 years or 4 years including a professional placement.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points, including 'A' Levels in two science subjects, or Mathematics and one science subject, with at least grade B in one science subject or Mathematics.

IB
32 points, including 5 in two higher level sciences, or Higher Level Mathematics and a higher level science subject.

BTEC
DDD in Electrical and/or Electronic Engineering including D in both L3 Mathematics subjects in the Extended Diploma only.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

The integrated MEng (Hons) degree offers the most direct route to achieving CEng professional registration. Alternatively, chartered status may be reached by taking a BEng (Hons) degree followed by a Masters degree (or Engineering Doctorate) accredited by the appropriate engineering institution.

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

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

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

Subject areas in year one include:

- Introduction to biomedical engineering
- Engineering science
- General mathematics
- Anatomy and physiology
- Engineering practice
- Digital logic
- Electronic circuit design 1.

Subject areas in year two include:
- Programming and design
- Biomedical optics 1
- Pathology and healthcare
- Biomedical optics 2
- Engineering management 2
- Engineering mathematics 1
- Biomedical instrumentation.

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.

Year three
Modules in year three include:
- Individual project
- Individual design project
- Advanced biomedical instrumentation
- Biosignal and image processing
- Radiation physics and imaging
- Biosensors
- Engineering management 3
- Medical imaging (MEng only).

Students registered on the BEng (Hons) who obtain good grades at the end of the second or third year may transfer to the MEng (Hons) course.

Year four: MEng (Hons)
In this year, students develop essential skills in advanced design group work and advanced knowledge in the principal areas of biomedical engineering.

Core modules include:
- Engineering management 4 (professional, industrial and management studies)
- Individual research project
- Group design project.

Elective modules include:
- Clinical engineering practice
- Cardiovascular diagnostics and therapy
- Healthcare technology management
- Biomedical electronics
- Digital signal processing
- Lasers and optoelectronics.

Opportunities for work placements

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

Career opportunities

Electrical and biomedical engineers today work in a range of industries. Their problem-solving skills and multidisciplinary education are well known and respected in the UK industry and abroad.

Modern provision of healthcare depends greatly on biomedical engineers. Becoming a biomedical engineer promises an exciting career, bridging the advances in biomedical sciences with professional skills in delivering engineering projects in a growing field.

Accreditation

This course is accredited by the Institution of Engineering and Technology, the Institute of Measurement and Control and the Institute of Physics and Engineering in Medicine.

Other courses you may like

- BEng (Hons) Computer Systems Engineering
- MEng (Hons)/BEng (Hons) Electrical and Electronic Engineering
- BEng (Hons) Engineering with Management and Entrepreneurship
- BEng (Hons) Telecommunications
- Electrical and Electronic, Biomedical, Telecommunications and Computer Systems Engineering Foundation Programme (for more information on this Programme, please visit the City University London website).

Dr Justin Phillips
Senior Lecturer, Course Director

Dr Justin Phillips' research explores biomedical optical sensors and instrumentation applied to vital signs monitoring of critically ill patients during surgery and in intensive care. This work also extends to the development of new technologies for screening patients for life-threatening conditions, such as anaemia and diabetes, as well as providing solutions for patients to monitor their own conditions at home. Dr Phillips has over 15 years' experience of clinical research in the field of surgery, intensive care and anaesthesia. He is an Honorary Research Fellow at St Bartholomew's Hospital and has authored many scientific papers and conference proceedings. He is also a co-author of *Physics in Anaesthesia*, a key textbook for medical students and specialist trainees.

www.city.ac.uk/people/academics/justin-phillips

Business Computing Systems

BSc (Hons)

A BSc (Hons) Business Computing Systems from City offers students entry into a career as a computing professional. Graduates have 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 1 year placement, or the Professional Pathway scheme (combining the degree with IT work experience).

Entry requirements

Typical offers require one of the following:

'A' Level
360 UCAS tariff points, depending on qualifications. Or BBB from three 'A' Levels.

IB
32 points, including 6 in all higher subjects.

BTEC
Typical offer DDD. IT/scientific/numerate BTECs preferred.

In addition, the following is required:

GCSE
English Language grade C and Mathematics grade C (or equivalents).

English language requirements

IELTS: 6.0 overall to include 6.0 in writing and 5.5 in all other components.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-compsci@city.ac.uk
T: +44 (0) 20 7040 8384

The course provides the technical and managerial knowledge 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 includes programming and is primarily technical in nature.

Course structure

Year one
In year one, all students study six core modules:

- Computation and reasoning
- Mathematics for computing
- Software engineering
- Systems architecture
- Programming in Java
- Business systems.

All Computer Science courses at City share a common first year and students can select their final degree programme at the end of the first year.

Year two
In year two, full-time students take a further six core modules and undertake a project.

Core modules include:

- Human computer interaction
- Information technology for business
- Management of information technology
- Networks and operating systems
- Object-oriented analysis and design
- Professional development in IT.

Year three
In year three, full-time students take one core module in requirements engineering and may choose five elective modules from a list of over twenty. All Honours students undertake an individual project researching and developing systems in an area of their own specialist interest.

Elective modules include:
- Advanced databases
- Artificial intelligence
- Business engineering with ERP solutions
- Cognition and technologies
- Data visualisation
- IT security
- Project management
- Management of IT strategy.

Professional Pathway students undertake IT work experience while studying part-time for Part Two and Part Three over three years.

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.

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.

Career opportunities

Graduates move on to careers including software developer, business analyst, web developer, technical architect, user experience designer and helpdesk engineer. Employers include Accenture, BP, BBC, FDM, Wipro, Reuters and Menzies Aviation.

Accreditation

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

Other courses you may like

- BSc (Hons) Business Computing Systems
- BSc (Hons)/MSci (Hons) Computer Science
- BSc (Hons)/MSci (Hons) Computer Science with Games Technology
- MSci (Hons) Computer Science with Cyber Security.

Dr Simone Stumpf
Senior Lecturer

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 machines 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 in 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.

www.city.ac.uk/simone-stumpf

Civil Engineering

MEng (Hons) or BEng (Hons)

Civil engineers develop infrastructure and have a profound effect on the way people live through a consideration of function, aesthetics, economics and sustainability. MEng (Hons) degree students learn to design, construct, manage and improve the environment. We also offer a BEng (Hons) degree in Civil Engineering.

MEng (Hons)

UCAS code

H204 MEng (Hons), H205 MEng (Hons) 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, including Mathematics at 'A' Level grade B and evidence of ability in a laboratory-based subject is preferred.

IB
32 points, including grade 5 in Higher Level Mathematics and science at higher level.

BTEC
Typically DDD in an engineering subject with Mathematics at 'A' Level 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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

BEng (Hons)

UCAS code

H200 BEng (Hons), H201 BEng (Hons) with professional placement.

Duration

3 years or 4 years including a professional placement.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points, including Mathematics at 'A' Level grade B and evidence of ability in a laboratory-based subject is preferred.

IB
30 points, including grade 5 in Higher Level Mathematics and science at higher level.

BTEC
Typically DDD in an engineering subject with Mathematics at 'A' Level 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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-civil@city.ac.uk
T: +44 (0) 20 7040 6050

The integrated MEng (Hons) degree offers the most direct route to achieving CEng professional registration. Alternatively, chartered status may be reached by taking a BEng (Hons) degree followed by a Masters degree (or Engineering Doctorate) accredited by the appropriate engineering institution.

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 engineering and building engineering are studied.

Course structure

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 (Hons) and MEng (Hons) is by 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 (Hons) courses, all years contribute to the final degree classification, with increasing weight up to the last year. For MEng (Hons) courses, the last three years contribute to the final degree classification, again with increasing weight.

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 are then 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. Students registered on the BEng (Hons) can opt to transfer to the MEng (Hons) 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. MEng (Hons) students learn advanced analytical methods and participate in an interdisciplinary School-wide design project. BEng (Hons) students take two elective modules.

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

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 within the School are in regular contact with companies and 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.

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, Balfour Beatty Engineering, Clancy Consulting, Jacobs and Skanska.

Accreditation

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

BEng (Hons) 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 is required to complete the educational base for CEng.

Professor Qingwei Ma
Professor of Hydrodynamics

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.

www.city.ac.uk/qingwei-ma

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

Other courses you may like

- MEng (Hons)/BEng (Hons) Civil Engineering with Architecture
- Civil Engineering Foundation Programme (for more information on this Programme, please visit the City University London website).

Civil Engineering with Architecture

MEng (Hons) or BEng (Hons)

Civil engineers design, construct, manage and improve the environment. The MEng (Hons) degree allows students to interact with architects to produce creative design solutions to infrastructure projects. We also offer a BEng (Hons) degree in Civil Engineering with Architecture.

MEng (Hons)
UCAS code
H2KC MEng (Hons), H2KA MEng (Hons) 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, including 'A' Level Mathematics at grade B.
IB 32 points, including grade 5 in Higher Level Mathematics and science at higher level.
BTEC Typically DDD in an engineering subject with Mathematics at 'A' Level 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 each component.
PTE Academic: 58 overall with a minimum of 50 in each component.
Additional requirements
Applicants need to demonstrate drawing skills, either by qualification (e.g. GCSE Art) or by presenting a portfolio of work.

BEng (Hons)
UCAS code
H2K1 BEng (Hons), H2KD BEng (Hons) with professional placement.
Duration
3 years or 4 years including a professional placement.
Entry requirements
Typical offers require one of the following:
'A' Level 320 UCAS tariff points, including 'A' Level Mathematics at grade B.
IB 30 points, including grade 5 in Higher Level Mathematics and science at higher level.
BTEC Typically DDD in an engineering subject with Mathematics at 'A' Level 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 each component.
PTE Academic: 58 overall with a minimum of 50 in each component.
Additional requirements
Applicants need to demonstrate drawing skills, either by qualification (e.g. GCSE Art) or by presenting a portfolio of work.

The integrated MEng (Hons) degree offers the most direct route to achieving CEng professional registration. Alternatively, chartered status may be reached by taking a BEng (Hons) degree followed by a Masters degree (or Engineering Doctorate) accredited by the appropriate engineering institution.

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 the School of Architecture and Design at London Metropolitan University.

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, civil engineering practice, architectural design and drawing and 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. Students registered on the BEng (Hons) can opt to transfer to the MEng (Hons) 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 undertake an individual project with an architectural design component and provide architectural input to an intensive design project. Additional modules include: engineering management and civil engineering paper; and architectural surveying and geomatics. MEng (Hons) students learn advanced analytical methods and participate in an interdisciplinary School-wide design project.

Year four: MEng (Hons)
The main focus in this year is an extensive integrated design project that requires an individual architectural design. Students are also provided with greater theoretical knowledge, with modules including geotechnical analysis, computational hydraulics, structural systems, building engineering and architectural surveying and geomatics.

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 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.

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, Balfour Beatty Engineering Services, Clancy Consulting, Jacobs and Skanska.

Accreditation

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

BEng (Hons) 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 is required to complete the educational base for CEng.

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

Other courses you may like

- MEng (Hons)/BEng (Hons) Civil Engineering
- Civil Engineering Foundation Programme (for more information on this Programme, please visit the City University London website).

Dr Richard Goodey
Senior Lecturer, Course Director

Dr Richard Goodey is Course Director for all Civil Engineering undergraduate programmes and lectures on modules related to materials and soil mechanics. Dr Goodey's research involves the modelling of geotechnical problems using City's geotechnical centrifuge facility. His focus is on foundations and other underground structures such as tunnels and he explores how they interact with each other and whether new construction will adversely affect existing structures. Dr Goodey has recently been involved with City's laboratory modernisation project; a multi-million pound project providing new learning and research space and upgraded equipment and facilities.

www.city.ac.uk/richard-goodey

Enquiries

E: ug-civil@city.ac.uk
T: +44 (0) 20 7040 6050

Computer Science

MSci (Hons)* or BSc (Hons)

Studying Computer Science allows students to develop the computing and coding skills needed to use programming as the language for creative problem-solving.

MSci (Hons)*

UCAS code

G401

Duration

4 years, or 5 years with a 1 year placement.

Entry requirements

Typical offers require one of the following:

'A' Level
360 UCAS tariff points, depending on qualifications. Or BBB from three 'A' Levels.

IB
32 points, including 6 in all higher subjects.

BTEC
Typical offer DDD. IT/scientific/numerate BTECs preferred.

In addition, the following is required:

GCSE
English Language grade C and Mathematics grade C (or equivalents).

English language requirements

IELTS: 6.0 overall, to include 6.0 in writing and 5.5 in all other components.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-compsci@city.ac.uk
T: +44 (0) 20 7040 8384

*Subject to approval

BSc (Hons)

UCAS code

G400

Duration

3 years, or 4 years with a 1 year placement, or the Professional Pathway scheme (combining the degree with IT work experience).

Entry requirements

Typical offers require one of the following:

'A' Level
360 UCAS tariff points, depending on qualifications. Or BBB from three 'A' Levels.

IB
32 points, including 6 in all higher subjects.

BTEC
Typical offer DDD. IT/scientific/numerate BTECs preferred.

In addition, the following is required:

GCSE
English Language grade C and Mathematics grade C (or equivalents).

English language requirements

IELTS: 6.0 overall, to include 6.0 in writing and 5.5 in all other components.

PTE Academic: 58 overall with a minimum of 50 in each component.

The MSci (Hons) in Computer Science prepares students for a successful career in technical areas of computer science. It is a full-time four-year integrated Masters course combining undergraduate and masters study, consisting of four parts, each corresponding to an academic year.

The course covers core foundational skills such as programming, progressing to cover a range of computing topics with a focus on professional application. While maintaining a strong theoretical underpinning, the course further enables students to develop a specialism in advanced areas that are particularly sought-after in modern IT businesses, as well as universities and research institutions, such as database technology, software systems design, data mining and data visualisation.

Students completing the BSc (Hons) develop a systematic knowledge of computer science. Students are able to evaluate solutions to computer science problems, assess current techniques for designing and developing solutions and argue for the adoption of particular solutions using research and scholarship, demonstrating their role as a reflective practitioner.

Course structure

Year one
In year one, all students study six core modules:

- Computation and reasoning
- Mathematics for computing
- Software engineering
- Systems architecture
- Programming in Java
- Business systems.

All Computer Science courses at City share a common first year and students can select their final degree programme at the end of the first year.

Year two
In year two, full-time students take a further six core modules and undertake a project.

Core modules include:
- Data structures and algorithms
- Programming in C++
- Language processors
- Networks and operating systems
- Object-oriented analysis and design
- Professional development in IT.

Progression from year two to year three is subject to satisfactory performance.

Year three
In year three, full-time students take core modules in theory of computation and functional programming, with BSc students taking a further three elective modules and MSci students taking six additional core or elective modules from a list of over twenty. All BSc (Hons) students undertake an individual project researching and developing systems in an area of their own specialist interest.

Elective modules include:
- Advanced programming: concurrency
- Cloud computing
- Computer graphics
- Electronic commerce
- Functional programming
- Games technology
- Human computer interaction
- IT security
- Project management.

Professional Pathway students undertake IT work experience while studying part-time for Part Two and Part Three over three years.

Year four: MSci(Hons) (subject to approval)
In year four, students take four core modules, including a project and two elective modules.

Elective modules include:
- Software systems design
- Data mining
- Artificial intelligence
- Data visualisation
- Practices and theories in interaction design
- Mobile and pervasive computing
- Digital signal processing
- Software agents
- Neural and evolutionary computing
- Service-oriented architectures.

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 a weighted average of the second, third and fourth years.

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.

Other courses you may like

- BSc (Hons) Business Computing Systems
- MSci (Hons)/BSc (Hons) Computer Science with Games Technology
- MSci (Hons) Computer Science with Cyber Security.

Dr Jacob Howe
Senior Lecturer

Dr Jacob Howe's research interests lie in static program analysis and in particular, the development of the techniques and building tools used to apply static program analysis. His work applies geometrical and logical techniques to program analysis and he is also interested in logic programming, constraint solving and mathematical logic.

Dr Howe has recently been involved in the Verification with Integer Polyhedra (VIP), a project funded by the Engineering and Physical Sciences Research Council. The research addresses security concerns with the use of computers and software through the production of analysers for buffer overrun vulnerabilities that are both faster and more accurate than those developed to date. In particular, the project aims to provide the underpinning theory that will allow new analysers capable of detecting malicious intent to be developed.

www.city.ac.uk/jacob-howe

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 Cyber Security

MSci (Hons)*

This degree prepares students for a successful career in technical areas of computer science and information security by developing skills in analysis, design and programming and specialisms in cyber security.

UCAS code

G4G0

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, depending on qualifications. Or BBB from three 'A' Levels.

IB
32 points, including 6 in all higher subjects.

BTEC
Typical offer DDD. IT/scientific/numerate BTECs preferred.

In addition, the following is required:

GCSE
English Language and Mathematics at Grade C (or equivalents).

English language requirements

IELTS: 6.0 overall, to include 6.0 in writing and 5.5 in all other components.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-compsci@city.ac.uk
T: +44 (0) 20 7040 8384

*Subject to approval

Computer Science with Cyber Security focuses on how software and programming work, including specialist content in computer security. Starting with core foundational skills, such as programming, the course progresses to cover a range of computing topics with a focus on professional application, while maintaining a strong theoretical underpinning. Later years specialise in cyber security and enable students to specialise in some aspects of the area of cyber security (from cybercrime and security governance to cryptography and digital forensics), while also engaging with researchers in a large individual project to develop scientific knowledge and skills. The course provides the professional skills essential to modern working.

This course is suitable for students who are looking for a successful career in technical computing, with interests in the various roles directly and indirectly connected to the world of computer, network and information security. Applicants should be motivated to understand how computer systems are built and excited by the rapid pace of change in the field.

Course structure

The course shares its first two years with the BSc Computer Science, before specialising in the third and fourth years.

Year one
In year one, all students study six core modules:

- Computation and reasoning
- Mathematics for computing
- Software engineering
- Systems architecture
- Programming in Java
- Business systems.

All Computer Science courses at City share a common first year and students can select their final degree programme at the end of the first year.

Year two
In year two, students take a further seven core modules including a team project:

- Programming in C++
- Networks and operating systems
- Object-oriented analysis and design
- Language processors
- Data-structures and algorithms
- Team project
- Professional development in IT.

Progression from year two to year three is subject to satisfactory performance.

Year three
In year three, students take four core modules and four electives, mixing Computer Science with specialist Cyber Security modules.

Core modules include:

- Advanced algorithms and data structures
- Information security management
- Network security
- Digital forensics.

Electives modules include:
- Cybercrime
- Theory of computation
- Functional programming
- Artificial intelligence
- e-Commerce
- Computer graphics.

Year four (subject to approval)
Alongside specialist core modules and elective modules, students undertake a large individual project researching and developing systems in an area of their own specialist interest.

Core modules include:
- Cryptography
- Security auditing and certification
- Readings in computer science.

Elective modules include:
- Sociotechnical systems
- Mobile and pervasive computing
- Digital signal processing
- Software agents.

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, third and fourth years, with weightings of 20 per cent, 40 per cent and 40 per cent respectively.

Opportunities for work placements

Students may gain paid work experience as part of their degree by taking a one year placement.

Career opportunities

Careers include roles connected to the world of computer, network and information security, software development and 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.

Other courses you may like

- MSci (Hons)/BSc (Hons) Computer Science
- MSci (Hons)/BSc (Hons) Computer Science with Games Technology
- BSc (Hons) Business Computing Systems.

Dr Nikos Komninos
Lecturer

Dr Nikos Komninos received his PhD in 2003 from Lancaster University in Information Security. He is a Lecturer in Cyber Security in the Department of Computer Science at City University London. Prior to his current post, he held teaching and research positions at the University of Cyprus, Carnegie Mellon University in Athens (Athens Information Technology), University of Piraeus, University of Aegean and University of Lancaster.

From 2003-07 he was an Honorary Research Fellow of the Department of Communication Systems at the University of Lancaster. He was also a Visiting Faculty Member at the University of Cyprus and a Faculty Member at Carnegie Mellon University in Athens (Athens Information Technology) from 2005-13. Part of his research has been patented and used in mobile telephones by telecommunication companies; in crypto-devices by defence companies; and in healthcare applications by national health systems.

Since 2000, he has participated, as a researcher or principal investigator, in a large number of European and National research projects in the area of information security, systems and network security. He has authored and co-authored more than fifty journal publications, book chapters and conference proceedings publications in his areas of interest. He has been invited to give talks at conferences and governmental departments and to train employees in Greek and UK businesses.

www.city.ac.uk/nikos-komninos

Computer Science with Games Technology

MSci (Hons)* or BSc (Hons)

This degree develops technical, games-building skills along with a more general computer science education and helps students embark on a career in an exciting and dynamic industry.

MSci (Hons)*

UCAS code

GG49

Duration

4 years, or 5 years with a 1 year placement.

Entry requirements

Typical offers require one of the following:

'A' Level
360 UCAS tariff points, depending on qualifications. Or BBB from three 'A' Levels.

IB
32 points, including 6 in all higher subjects.

BTEC
Typical offer DDD. IT/scientific/numerate BTECs preferred.

In addition, the following is required:

GCSE
English Language grade C and Mathematics grade C (or equivalents).

English language requirements

IELTS: 6.0 overall, to include 6.0 in writing.

PTE Academic: 58 overall with a minimum of 50 in each component.

BSc (Hons)

UCAS code

G490

Duration

3 years, or 4 years with a 1 year placement, or the Professional Pathway scheme (combining the degree with IT work experience).

Entry requirements

Typical offers require one of the following:

'A' Level
360 UCAS tariff points, depending on qualifications. Or BBB from three 'A' Levels.

IB
32 points, including 6 in all higher subjects.

BTEC
Typical offer DDD. IT/scientific/numerate BTECs preferred.

In addition, the following is required:

GCSE
English Language grade C and Mathematics grade C (or equivalents).

English language requirements

IELTS: 6.0 overall, to include 6.0 in writing.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-compsci@city.ac.uk
T: +44 (0) 20 7040 8384

*Subject to approval

Students gain advanced knowledge of game engine architectures, computer graphics and game design, including the specialist skills needed for building computer game software. They acquire leading-edge computer games programming expertise, becoming proficient in a broad range of programming languages and software design techniques. Students also develop commercially valuable skills in computing laboratories and work with research groups. This degree is suitable for those who want to apply their imagination to complex programming problems, while working in a creative, dynamic and successful area of British industry.

Course structure

Year one
In year one, all students study six core modules:

- Computation and reasoning
- Mathematics for computing
- Software engineering
- Systems architecture
- Programming in Java
- Business systems.

All Computer Science courses at City share a common first year and students can select their final degree programme at the end of the first year.

Year two
In year two, full-time students take a further six core modules and undertake a team project.

Core modules include:

- Data structures and algorithms
- Games technology
- Networks and operating systems
- Object-oriented analysis and design
- Professional development in IT
- Programming in C++.

Progression from year two to year three is subject to satisfactory performance.

Year three
In year three, full-time students take a core module in advanced games technology, with BSc (Hons) students taking a further four electives modules and MSci (Hons) students taking seven additional core and elective modules from a list of over twenty. All BSc (Hons) students undertake an individual project researching and developing systems in an area of their own specialist interest.

Elective modules include:
- Advanced databases
- Cognition and technologies
- Computer graphics
- Data visualisation
- Digital signal processing
- IT security
- Project management.

Professional Pathway students undertake IT work experience while studying part-time for Part Two and Part Three over three years.

Year four: MSci (Hons) (subject to approval)
In year four, MSci students take four compulsory core modules, one elective module and a compulsory core project.

Core modules include:
- The games development process
- Game physics and AI
- Computer games architectures
- Individual project.

Elective modules include:
- Advanced algorithms and data structures
- Readings in computer science
- Software systems design
- Advanced database technologies
- Data mining
- Artificial intelligence.

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 a weighted average of the second, third and fourth years.

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.

Career opportunities

Careers include working as a key technical specialist in the computer games industry or as a business analyst, web developer, technical architect, user experience designer or helpdesk engineer. A broad knowledge of computer science and sophisticated programming skills also make graduates 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.

Dr Chris Child
Lecturer

Dr Chris Child developed the International Cricket Captain game series for iPhone, PC and PlayStation and has been working in the gaming industry for over 10 years. After several years at Empire and Logica CMG he now runs his own computer game company, where he is involved in every stage of computer game production from game design, game programming, motion capture, writing manuals, right through to advertising and marketing.

Dr Child has been a Lecturer in Games Technology since 2005 and in his work he aims to bridge the skills gap between talented graduate and industry programmers and the requirements of game companies. In his research, Dr Child develops cutting-edge game agent artificial intelligence using techniques such as reinforcement learning, probabilistic planning, environment modelling and approximate dynamic programming.

www.city.ac.uk/chris-child

Other courses you may like

- BSc (Hons) Business Computing Systems
- BSc (Hons)/MSci (Hons) Computer Science
- BSc (Hons)/MSci (Hons) Computer Science with Games Technology
- MSci (Hons) Computer Science with Cyber Security.

Computer Systems Engineering

BEng (Hons)

The BEng (Hons) 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 (Hons), H601 BEng (Hons) with professional placement.

Duration

3 years or 4 years including a professional placement.

Entry requirements

Typical offers require one of the following:

'A' Level
300 UCAS tariff points, including 'A' Level Mathematics at grade B or higher and at least one 'A' Level in a science subject, preferably Physics or Electronics.

IB
32 points, including 5 in Higher Level Mathematics and a science subject.

BTEC
DDD in Electrical and/or Electronic Engineering including D in both L3 Mathematics subjects in Extended Diploma only.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-eee@city.ac.uk
T: +44 (0) 20 7040 6050

The modern world is dominated by digital devices of different sizes and functionalities. These devices, from tiny sensor systems to spaceships and satellites, are built by engineers with knowledge and skills in computing and integration of microprocessors and computers in larger engineering systems.

The BEng (Hons) in Computer Systems Engineering equips students with the skills and knowledge required to enter this exciting digital world and build a career as a system engineer. The course contains a wide selection of academic study and practical work, including individual and group projects and benefits from access to the cutting-edge research in the field of embedded systems, networking, security, imaging and sensor systems. Graduates of this course are well respected by employers in several industries, including electronics, telecommunications, software engineering and financial industry, because of the unique combination of engineering problem-solving skills, knowledge of electronics, computer systems, signal processing, advanced mathematics and developed software design skills.

Course structure

The BEng (Hons) in Computer Systems Engineering is organised over three full-time years of study. Each year consists of seven to eight modules, with each module including a practical component, typically a laboratory project or a programming assignment.

Year one
Year one provides a broad foundation in engineering concepts. The fundamental principles of engineering and applied physics that underpin the design of electrical and computer equipment are studied. The first two years of this course are delivered jointly with the Electrical and Electronic Engineering and the Telecommunications degrees.

Core modules include:

- Engineering mathematics 1
- Engineering science
- Engineering practice
- Digital logic
- Electronic circuit design 1
- Programming and design
- Systems, modelling and control.

Year two
The second year gives a greater emphasis to specialist areas in electrical and electronic engineering, computer systems and telecommunications. The module of engineering management provides students with essential skills in project management, people management and technical presentation techniques.

Core modules include:
- Engineering mathematics 2
- Engineering management 2
- Object-oriented programming
- Communication systems
- Dynamics and control
- Electronic circuit design 2
- Numerical computing and statistics.

Year three
In the final year, students have the opportunity to take several core and advanced specialist computer systems modules such as:
- Engineering management 3
- Computer systems and networks
- Java programming
- Embedded and real-time systems
- Optical and wireless communications
- Control system design.

Year 3 is dominated by the individual project, where students are required to undertake a significant piece of independent academic work, which must include design, development and evaluation or testing of computer systems.

The course is delivered by academic staff, with some lectures given by consultants and experts from industry. Learning methods include formal lectures, seminars and tutorials, supplemented by an engineering applications course involving laboratory and group projects.

Opportunities for work placements

Students are strongly encouraged to seek a one year placement after their second year, with support provided by the School's Professional Liaison Unit. Placements provide the opportunity to learn more about the industry, take on graduate-level responsibilities and in some cases work as part of a multinational workforce.

Career opportunities

The BEng (Hons) Computer Systems Engineering enables graduates to pursue a diverse range of careers in electronic engineering, computer science and computer networks, as well as the telecommunications, digital media and financial industries.

Accreditation

This course is accredited by the Institution of Engineering and Technology and the Institute of Measurement and Control.

Other courses you may like

- MEng (Hons)/BEng (Hons) Biomedical Engineering
- MEng (Hons)/BEng (Hons) Electrical and Electronic Engineering
- BEng (Hons) Engineering with Management and Entrepreneurship
- BEng (Hons) Telecommunications
- Electrical and Electronic, Biomedical, Telecommunications and Computer Systems Engineering Foundation Programme (for more information on this Programme, please visit the City University London website).

Dr Veselin Rakocevic
Senior Lecturer, Course Director

Dr Veselin Rakocevic's research expertise is in wireless networks, especially scheduling and resource management in cellular networks. His PhD research focused on end-user control, performance evaluation and network optimisation in broadband heterogeneous communication networks. One of his recent research projects, undertaken as part of E.ON's International Research Initiative, used data on customer behaviour and reaction to technologies to explore how advanced communication, control and monitoring systems can revolutionise the energy landscape.

At City, Dr Rakocevic leads modules on wireless communications, computer networks and programming.

www.city.ac.uk/veselin-rakocevic

Electrical and Electronic Engineering

MEng (Hons) or BEng (Hons)

The MEng (Hons) Electrical and Electronic Engineering at City has a long-standing tradition of excellence in educating students in advanced electronic systems, communications and robotics. We also offer a BEng (Hons) degree in Electrical and Electronic Engineering.

MEng (Hons)

UCAS code

H607 MEng (Hons), H609 MEng (Hons) 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, including 'A' Level Mathematics at grade A or higher and at least one 'A' Level in a science subject, preferably Physics or Electronics.

IB
35 points, including 5 in Higher Level Mathematics and a science subject.

BTEC
D*DD in Electrical and/or Electronic Engineering including D in both L3 Mathematics subjects in Extended Diploma only, or grade B or higher in 'A' Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-eee@city.ac.uk
T: +44 (0) 20 7040 6050

BEng (Hons)

UCAS code

H602 BEng (Hons), H642 BEng (Hons) with professional placement.

Duration

3 years or 4 years including a professional placement.

Entry requirements

Typical offers require one of the following:

'A' Level
300 UCAS tariff points, including 'A' Level Mathematics at grade B or higher and at least one 'A' Level in a science subject, preferably Physics or Electronics.

IB
32 points, including 5 in Higher Level Mathematics and a science subject.

BTEC
DDD in Electrical and/or Electronic Engineering including D in both L3 Mathematics subjects in Extended Diploma only or grade B or higher in 'A' Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

The integrated MEng (Hons) degree offers the most direct route to achieving CEng professional registration. Alternatively, chartered status may be reached by taking a BEng (Hons) degree followed by a Masters degree (or Engineering Doctorate) accredited by the appropriate engineering institution.

The course provides a solid foundation for people wishing to pursue a career in electrical engineering, communications, control systems, robotics or sensor systems, developing a diverse range of theoretical skills and real-world experiences.

Course structure

The first two years of this course are delivered jointly with the Computer Systems Engineering and the Telecommunications degrees. The focus is on fundamental principles of engineering and applied physics with modules providing an essential insight into electronics, design and computing. The course is assessed by examinations, coursework and laboratory reports.

Year one
Year one provides a broad foundation in engineering concepts. The fundamental principles of engineering and applied physics that underpin the design of electrical and electronic equipment are studied.

Core modules include:
- Engineering mathematics 1
- Engineering science
- Engineering practice
- Digital logic
- Electronic circuit design 1
- Programming and design
- Systems, modelling and control.

Year two
The second year gives a greater emphasis to specialist areas in electrical and electronic engineering, computer systems and telecommunications.

Core modules include:
- Engineering mathematics 2
- Engineering management 2
- Object-oriented programming
- Communication systems
- Dynamics and control
- Electronic circuit design 2
- Numerical computing and statistics.

Year three
In the final year, students have the opportunity to take several core and advanced specialist modules spanning the range of electrical and electronic engineering such as:
- Engineering management 3
- Embedded and real-time systems
- Engineering systems
- Electric and magnetic fields
- Signal processing
- Electrical and electronic power systems.

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.

MEng (Hons): Year four
In their final year, MEng (Hons) students undertake an interdisciplinary group project and a research-based individual project. All MEng (Hons) students undertake an advanced module on engineering management, focusing on professional, industrial and management studies.
They also have a choice of four advanced modules in control engineering, telecommunications and power systems.

Elective modules include:
- Economics of the power industry
- Industrial control
- Power electronics
- Systems modelling
- Digital signal processing
- Control system design
- Optimal control
- Digital communications
- Optical communications
- Cryptography and coding
- Transmission and distribution systems management
- Lasers and optoelectronics.

Opportunities for work placements

Students are strongly encouraged to seek a one year placement after their second year, with support provided by the School's Professional Liaison Unit. Placements provide the opportunity to learn more about the industry, take on graduate-level responsibilities and in some cases work as part of a multinational workforce.

Career opportunities

Graduates can follow exciting careers in various areas of the broad field of electrical and electronic engineering, for instance: in power systems with companies such as UK Power Networks, National Grid and ET Power Systems; in telecommunications with companies such as BT, O2, Huawei and Nokia; and in control and systems engineering with companies such as Atkins, DeltaRail and British Aerospace. Some graduates continue into postgraduate education, research and development and consultancy.

Dr Lambros Ekonomou
Lecturer

Dr Lambros Ekonomou is Lecturer in Power Systems and his research interests include high-voltage engineering, transmission and distribution lines, lightning performance and protection, distributed generation and artificial neural networks. Recent work, published in *Energy Systems*, proposed a flexible platform that can be used for planning and analysing the steady state and dynamic behaviour of dispersed power systems, such as distributed generation systems.

www.city.ac.uk/lambros-ekonomou

Accreditation

This course is accredited by the Institution of Engineering and Technology and the Institute of Measurement and Control.

Other courses you may like

- MEng (Hons)/BEng (Hons) Biomedical Engineering
- BEng (Hons) Computer Systems Engineering
- BEng (Hons) Engineering with Management and Entrepreneurship
- BEng (Hons) Telecommunications
- Electrical and Electronic, Biomedical, Telecommunications and Computer Systems Engineering Foundation Programme (for more information on this Programme, please visit the City University London website).

Energy Engineering

MEng (Hons) or BEng (Hons)

The MEng (Hons) course is designed for students who have an interest in energy and power production and management. We also offer a BEng (Hons) degree in Energy Engineering.

MEng (Hons)

UCAS code

JH93

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, including Mathematics at 'A' Level grade A. 'A' Level Physics preferred.

IB
35 points, including a minimum of 6 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

BEng (Hons)

UCAS code

HJ39

Duration

3 years or 4 years including a professional placement.

Entry requirements

Typical offers require one of the following:

'A' Level
320 UCAS tariff points, including Mathematics at 'A' Level grade B. 'A' Level Physics preferred.

IB
33 points, including a minimum of 5 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-mea@city.ac.uk
T: +44 (0) 20 7040 6050

The integrated MEng (Hons) degree offers the most direct route to achieving CEng professional registration. Alternatively, chartered status may be reached by taking a BEng (Hons) degree followed by a Masters degree (or Engineering Doctorate) accredited by the appropriate engineering institution.

The degrees prepare students for managing technical and scientific projects associated with the generation of power and the management of vital energy resources. Graduates typically are 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.

Course structure

The course is delivered as lectures, tutorials, group design, practical sessions and field trips. A combination of analytical, experimental, group interactive education 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 academic staff from the Fluid Dynamics 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.

Year one
Year one provides a broad foundation in engineering concepts with a slant towards real-world applications.

Core modules include:
- Engineering science 1
- Engineering practice 1
- Mathematics and computation 1.

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

Core modules include:
- Engineering practice 2
- Engineering science 2
- Mathematics and computation 2
- Mechanical analysis and design.

Students registered on the BEng (Hons) who obtain good grades at the end of the second or third year may transfer to the MEng (Hons) course.

Year three
The course becomes more specialised in year three, with a focus on energy disciplines. In addition to group design projects, an individual project allows students to investigate a subject of particular interest.

Core modules include:
- Energy utilisation and management
- Renewable energy
- System reliability and introduction to sustainable engineering
- Turbomachinery and heat transfer.

MEng (Hons): Year four
This year 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.

Core modules include:
- Engineering management
- MEng Design Studies: Formula Student (hybrid car)
- Corporate energy management
- Combustion fundamentals.

Elective modules include:
- Computational fluid dynamics
- Computer-aided design
- Computational analysis of engineering structures
- Internal combustion engines.

Opportunities for work placements

Students 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.

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.

Professor Manolis Gavaises
Delphi Chair in FIE Fluid Dynamics

Professor Manolis Gavaises joined City in 2001. His research into the role of cavitation in fuel systems has been supported by major automotive manufacturers worldwide including Caterpillar, Ford, Lubrizol and Toyota. Currently, he is leading research on cavitation for a major fuel injection systems manufacturer (Delphi Diesel Systems, UK). His research has led to the development of a cavitation model and a 3D Computational Fluid Dynamics software which includes models for cavitation, sprays and liquid/gas interface capturing with phase change. He has received two European and United States patents for his work, both licensed to industry. Alongside colleagues from City, Professor Gavaises established the International Institute of Cavitation Research.

www.city.ac.uk/manolis-gavaises

Other courses you may like

- MEng (Hons)/BEng (Hons) Aeronautical Engineering
- MEng (Hons)/BEng (Hons) Air Transport Engineering
- MEng (Hons)/BEng (Hons) Automotive and Motorsport Engineering
- MEng (Hons)/BEng (Hons) Mechanical Engineering
- Mechanical and Aeronautical Engineering Foundation Programme (for more information on this Programme, please visit the City University London website).

Engineering with Management and Entrepreneurship BEng (Hons)

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
320 UCAS tariff points, including 'A' Level Mathematics at grade B or higher.

IB
32 points, including 5 in Higher Level Mathematics.

BTEC
DDD in a relevant Engineering subject including D in both L3 Mathematics subjects in Extended Diploma only.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-eee@city.ac.uk
T: +44 (0) 20 7040 6050

This is an interdisciplinary engineering course integrating aspects of technology and engineering, with emphasis in electrical and electronic engineering, supported by management and entrepreneurship. It aims to develop future engineering managers with a unique blend of solid mathematical skills, specialist knowledge of engineering systems and a sound understanding of management principles who are able to identify technological challenges and opportunities for economic growth through the development of novel engineering solutions and products.

Course structure

The course develops expertise in the fundamental principles of engineering, mathematics and science and skills in key areas of management and entrepreneurship. The focus is on the fundamental principles of engineering and management with modules providing essential insight into systems analysis and design. The course is assessed by examinations, coursework and laboratory reports.

Year one
Year one provides a broad foundation in engineering and business concepts. The fundamental principles of engineering and management that underpin the design and analysis of engineering systems are studied.

Core modules include:
- Engineering mathematics 1
- Introduction to engineering mechanics
- Engineering drawing and design
- Management and entrepreneurship
- Electronic circuit design 1
- Introduction to microeconomics
- Systems, modelling and control.

Students gain insight into the main challenges that engineering managers and entrepreneurs face in building teams, raising finance, influencing negotiations and managing conflict effectively.

Year two
The second year gives a greater emphasis to the fundamental fields of electronics, control and materials, while developing students' skills in management and finance topics.

Core modules include:
- Engineering mathematics 2
- Engineering management 2
- Engineering materials
- Analogue electronics
- Dynamics and control
- Digital logic
- Accounting and finance
- Numerical computing and statistics.

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.

Year three
In year three, students gain advanced knowledge and understanding of the main technological challenges, sustainability and corporate responsibility issues and the technological entrepreneurship skills required for a successful career in the engineering business.

Core modules include:
- Engineering management 3
- Computer systems and networks
- Technology entrepreneurship.

Elective modules include:
- Economics of the power industry
- Object-oriented programming
- Engineering systems
- Systems modelling
- Corporate social responsibility
- Systems reliability and safety.

All students are required to undertake an individual project. This major aspect of work enables students to analyse and understand a full engineering life cycle from eliciting requirements, design and product development to bringing the product to market.

The course is delivered mainly by academic staff from the School. It also includes lectures by experts in industry, who explain how technologies are currently being used to solve real-world problems, and demonstrating the successful application of state-of-the-art management strategies. Formal lectures, seminars and tutorials are supplemented by an engineering applications course and laboratory and group projects.

Opportunities for work placements and study abroad

Students are strongly encouraged to seek a one year placement after their second year, with support provided by the School's Professional Liaison Unit. Placements provide the opportunity to learn more about the industry, take on graduate-level responsibilities and in some cases work as part of a multinational workforce.

A wide range of international study exchange opportunities at partner institutions around the world are on offer for both undergraduate and postgraduate courses. The programme is approved by the School's exchange coordinator, City International Exchange Office and the partner institute to ensure the compatibilities of the exchange programmes at both institutes. In addition, a Liaison Exchange Office acts as personal tutor to all exchange students (incoming and outgoing), offering support and advice.

Career opportunities

Graduates 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

- MEng (Hons)/BEng (Hons) Biomedical Engineering
- BEng (Hons) Computer Systems Engineering
- MEng (Hons)/BEng (Hons) Electrical and Electronic Engineering
- BEng (Hons) Telecommunications.

Professor Panos Liatsis
Professor of Image Processing

Professor Panos Liatsis joined City in 2003. His research interests include pattern recognition, image processing and computer vision, neural and evolutionary systems with applications in biomedical image and signal processing, intelligent transportation systems and cultural heritage. His research has been funded by the Department of Trade and Industry, the Engineering and Physical Sciences Research Council, the European Commission, the Royal Society and hospitals and industry.

www.city.ac.uk/panos-liatsis

Mathematics

MMath (Hons) or BSc (Hons)

This course provides an introduction to a wide range of mathematical techniques. A central theme is the application of 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
320 UCAS tariff points, including Mathematics or Further Mathematics at 'A' Level grade A.

IB
32 points, including 6 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-maths@city.ac.uk
T: +44 (0) 20 7040 8384

The Civil Service, government agencies and research establishments require mathematicians, as do large corporations, public utilities and financial companies.

Course structure

Excellent facilities ensure 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 an academic staff member.

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

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, marks are weighted in the ratio 1:3:6:6 for the four years. Professional placements do not contribute to the final degree classification but are indicated on the degree certificate.

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

Core modules include:
- Algebra
- Number theory and cryptography
- Programming and computational mathematics
- Functions, vectors and calculus
- Logic and set theory
- Introduction to probability and statistics
- Introduction to modelling.

Year two
Core modules include:
- Vector calculus
- Real and complex analysis
- Linear algebra
- Sequences and series
- Applied mathematics
- Numerical mathematics.

Elective modules include:
- Applications of probability and statistics
- Decision analysis.

Year three
Core modules include:
- Mathematical methods
- Group project.

Elective modules include:
- Discrete mathematics
- Differential equations for finance
- Mathematical biology
- Fluid dynamics
- Dynamical systems
- Quantum mechanics
- Mathematical processes for finance
- Groups and symmetry
- Operational research
- Stochastic models
- Probability and statistics 2.

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

MMath (Hons): Year four
The MMath (Hons) Mathematics is an integrated Masters degree and is a four year version of the corresponding three year degree. Students can transfer to the MMath (Hons) after obtaining a 60 per cent average in year two. The fourth year contains compulsory modules on special topics and a second project.

Opportunities for work placements

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

Career opportunities

Upon graduation, students are equipped with the mathematical skills for a wide variety of careers in industry, commerce (including business, finance and accountancy), education, the Civil Service and research.

Accreditation

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

Other courses you may like

- MMath (Hons)/BSc (Hons) Mathematics with Finance and Economics
- MMath (Hons)/BSc (Hons) Mathematics with Statistics
- MMath (Hons)/BSc (Hons) Mathematics and Finance.

Irene Andreou
BSc (Hons) Mathematical Science, third year

One of the aspects of my course that I particularly like is seeing how mathematics is used in different areas, from finance to biology. In the first year, for example, we studied ciphers and number theory, which involved deciphering codes based on mathematical theory: I really enjoyed that module. Outside of my studies, this year I've worked at the City of London Academy Islington with other City students, providing mathematics tutoring for students ranging from 11 to 15 years old. It's great to be able to help the students and gain an insight into life as a teacher. What next for me? I am applying for graduate schemes at the moment and ultimately I hope to work in the field of merchandising.

Professor Andreas Fring
Professor of Mathematical Physics

Professor Andreas Fring is Head of Research of the Department of Mathematics and a member of the Mathematical Physics research group within the Department. 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 biologists to test their methods.

www.city.ac.uk/andreas-fring

Mathematics with Finance and Economics MMath (Hons) or BSc (Hons)

The MMath (Hons)/BSc (Hons) Mathematics 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
320 UCAS tariff points, including Mathematics or Further Mathematics at 'A' Level grade A.

IB
32 points, including 6 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-maths@city.ac.uk
T: +44 (0) 20 7040 8384

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.

Course structure

Excellent facilities ensure 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 an academic staff member.

A particular feature of the 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. Professional placements do not contribute to the final degree classification but are indicated on the degree certificate.

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

Core modules include:
- Algebra
- Number theory and cryptography
- Programming and computational mathematics
- Functions, vectors and calculus
- Introduction to probability and statistics
- Introduction to microeconomics
- Introduction to macroeconomics.

Year two
Core modules include:
- Vector calculus
- Real and complex analysis
- Linear algebra
- Finance and financial reporting A.

Elective modules include:
- Applied mathematics
- Numerical mathematics
- Sequences and series
- Intermediate macroeconomics 1 and 2
- Intermediate microeconomics 1 and 2.

Year three
Core modules include:
- Mathematical methods
- Group project.

Elective modules include:
- Discrete mathematics
- Differential equations for finance
- Mathematical biology
- Fluid dynamics
- Dynamical systems
- Quantum mechanics
- Mathematical processes for finance
- Groups and symmetry
- Operational research
- Corporate finance
- International finance
- Financial economics
- History of economic thought
- Finance and financial reporting B
- Monetary economics
- Economics of European integration
- Money and banking
- Industrial organisation.

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

MMath (Hons): Year four
The MMath (Hons) Mathematics with Finance and Economics is an integrated Masters degree and is a four year version of the corresponding three year degree. Students can transfer to the MMath (Hons) after obtaining a 60 per cent average in year two. The fourth year of the MMath (Hons) contains compulsory modules on special topics and a second project.

Opportunities for work placements

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

Career opportunities

Upon graduation, students are equipped with the mathematical skills for a wide variety of careers in industry, commerce (including business, finance and accountancy), education, the Civil Service and research.

Accreditation

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

Other courses you may like

- MMath (Hons)/BSc (Hons) Mathematics
- MMath (Hons)/BSc (Hons) Mathematics and Finance
- MMath (Hons)/BSc (Hons) Mathematics with Statistics.

Dr Anton Cox
Reader, Head of Department of Mathematics

Dr Anton Cox's research interests lie in representation theory. This is the study of the ways certain (algebraic) objects can act on others. In his work, Dr Cox considers the possible ways in which this can act linearly on a vector space in a manner compatible with the algebra structure. Vector spaces with such actions are called modules. Within this significant area of research in algebra, Dr Cox concentrates on two particular aspects: representations of algebraic groups and of "diagram" algebras. Although these problems arise in very different ways and typically involve very different styles of proof, they are in fact closely related.

www.city.ac.uk/anton-cox

Mathematics with Statistics

MMath (Hons) or BSc (Hons)

The MMath (Hons) or BSc (Hons) Mathematics 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
320 UCAS tariff points, including Mathematics or Further Mathematics at 'A' Level grade A.

IB
32 points, including 6 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-maths@city.ac.uk
T: +44 (0) 20 7040 8384

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 MMath (Hons) and BSc (Hons) Mathematics degrees, the main difference being a greater emphasis on the study of topics in statistics.

Course structure

Excellent facilities ensure 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 an academic staff member.

A particular feature of the 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. Professional placements do not contribute to the final degree classification but are indicated on the degree certificate.

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

Core modules include:
- Algebra
- Number theory and cryptography
- Programming and computational mathematics
- Functions, vectors and calculus
- Probability and statistics 1
- Introduction to modelling.

Year two
Core modules include:
- Vector calculus
- Real and complex analysis
- Linear algebra
- Probability and statistics 2
- Stochastic models.

In addition, one optional module is taken from various topics in mathematics and statistics.

Elective modules include:
- Applied mathematics
- Numerical mathematics
- Sequences and series.

Year three
Core modules include:
- Mathematical methods
- Group project.

Elective modules include:
- Discrete mathematics
- Differential equations for finance
- Mathematical biology
- Fluid dynamics
- Dynamical systems
- Quantum mechanics
- Mathematical processes for finance
- Groups and symmetry
- Operational research
- Extreme event statistics
- Survival models
- Statistics and probabilistic modelling for insurance.

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

MMath (Hons): Year four
The MMath (Hons) Mathematics with Statistics is an integrated Masters degree and is a four year version of the corresponding three year degree. Students can transfer to the MMath (Hons) after obtaining a 60 per cent average in year two. The fourth year of the MMath (Hons) contains compulsory modules on special topics and a second project.

Opportunities for work placements

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

Career opportunities

Upon graduation, students are equipped with the mathematical skills for a wide variety of careers in industry, commerce (including business, finance and accountancy), education, the Civil Service and research.

Accreditation

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

Other courses you may like

- MMath (Hons)/BSc (Hons) Mathematics
- MMath (Hons)/BSc (Hons) Mathematics with Finance and Economics
- MMath (Hons)/BSc (Hons) Mathematics and Finance.

Dr Lara Silvers
Senior Lecturer, Admissions Tutor

Dr Lara Silvers' main research interests lie in the area of Astrophysical Fluid Dynamics. Her work involves using mathematical and computational techniques to deepen our understanding of the inside of stars, such as the Sun.

Dr Silvers was awarded a PhD from the University of Leeds in 2004. After a short time as a temporary lecturer at the University of Leeds she became a postdoctoral researcher at the University of California, San Diego before moving to Ecole Normale Superieure (ENS) in Paris. After working at the ENS she became a Postdoctoral Researcher in the Department of Applied Mathematics and Theoretical Physics at the University of Cambridge before joining City in 2009. She is currently a Senior Lecturer in the Department of Mathematics.

www.city.ac.uk/lara-silvers

Mathematics and Finance

MMath (Hons) or BSc (Hons)

The MMath (Hons) or BSc (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
320 UCAS tariff points, including Mathematics or Further Mathematics at 'A' Level grade A.

IB
32 points, including 6 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-maths@city.ac.uk
T: +44 (0) 20 7040 8384

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

Course structure

Excellent facilities ensure 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 an academic staff member.

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

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. Professional placements do not contribute to the final degree classification but are indicated on the degree certificate.

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

Core modules include:
- Algebra
- Programming and computational mathematics
- Functions, vectors and calculus
- Introduction to probability and statistics
- Introduction to macroeconomics
- Introduction to microeconomics
- Finance and investment mathematics A.

Year two
Core modules include:
- Vector calculus
- Real and complex analysis
- Linear algebra
- Finance and financial reporting A and B
- Finance and investment mathematics B.

Elective modules include:
- Applied mathematics
- Numerical mathematics
- Applications of probability and statistics
- Sequences and series.

Year three
Core modules include:
- Mathematical methods
- Differential equations for finance
- Group project.

Elective modules include:
- Discrete mathematics
- Mathematical biology
- Fluid dynamics
- Dynamical systems
- Quantum mechanics
- Mathematical processes for finance
- Groups and symmetry
- Operational research
- Stochastic models
- Probability and statistics 2
- Corporate risk management
- Corporate finance
- Introduction to financial derivatives.

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

MMath (Hons): 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. Students can transfer to the MMath (Hons) after obtaining a 60 per cent average in year two. The fourth year of the MMath (Hons) contains compulsory modules on special topics and a second project.

Opportunities for work placements

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

Career opportunities

Upon graduation, students are equipped with the mathematical skills for a wide variety of careers in industry, commerce (including business, finance and accountancy), education, the Civil Service and research.

Accreditation

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

Other courses you may like

- MMath (Hons)/BSc (Hons) Mathematics
- MMath (Hons)/BSc (Hons) Mathematics with Finance and Economics
- MMath (Hons)/BSc (Hons) Mathematics with Statistics.

Professor Joseph Chuang
Professor of Mathematics

Professor Joseph Chuang works in the field of pure mathematics, conducting research into symmetry and related ideas. His particular research interests include the representation theory of finite groups and related algebras, homological algebra and triangulated categories and homotopy algebras and operads.

www.city.ac.uk/joseph-chuang

Mechanical Engineering

MEng (Hons) or BEng (Hons)

The MEng (Hons) Mechanical Engineering provides broad education in the important disciplines spanning all sectors of mechanical engineering. We also offer a BEng (Hons) degree in Mechanical Engineering.

MEng (Hons)

UCAS code

H304 MEng (Hons), H305 MEng (Hons) 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, including Mathematics at 'A' Level grade A. 'A' Level Physics preferred.

IB
35 points, including a minimum of 6 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

BEng (Hons)

UCAS code

H300 BEng (Hons), H301 BEng (Hons) 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, including Mathematics at 'A' Level grade B. 'A' Level Physics preferred.

IB
33 points, including a minimum of 5 in Higher Level Mathematics.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-mea@city.ac.uk
T: +44 (0) 20 7040 6050

The integrated MEng (Hons) degree offers the most direct route to achieving CEng professional registration. Alternatively, chartered status may be reached by taking a BEng (Hons) degree followed by a Masters degree (or Engineering Doctorate) accredited by the appropriate engineering institution.

This degree is designed to train students to work in the fields of transport, energy, materials and manufacturing, including the aerospace and automotive industries. Mechanical engineers can also work in the aircraft and energy industries.

Course structure

The course is delivered as lectures, tutorials, group design, practical sessions and field trips. A combination of analytical, experimental, group interactive education 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 academic staff at the Fluid Dynamics 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.

Year one
Year one provides a broad foundation in engineering concepts with a slant towards real-world applications.

Core modules include:
- Engineering science 1
- Engineering practice 1
- Mathematics and computation 1.

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

Core modules include:
- Engineering practice 2
- Engineering science 2
- Mathematics and computation 2
- Mechanical analysis and design.

Students registered on the BEng (Hons) who obtain good grades at the end of the second or third year may transfer to the MEng (Hons) course.

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 have the opportunity to join the City Racing Team in designing, building, marketing and racing a single-seater racing car at Silverstone.

Core modules include:
- Mechanical structures
- Mechatronics
- System reliability
- Turbomachinery and heat transfer.

Students also choose elective modules from the Energy Engineering and Automotive and Motorsport Engineering courses.

MEng (Hons): Year four
This year provides a multidisciplinary view of engineering design and creativity and innovation in problem-solving is explored. Students also have the opportunity to select a greater number of specialised subjects at Masters level.

Core modules include:
- Engineering management
- MEng design studies: Formula Student and EGPR
- Combustion fundamentals.

Elective modules include:
- Performance of IC engine
- Advanced mechatronics
- Computer-aided design.

Opportunities for work placements

Students 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.

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.

Professor Jamshid Nouri
Professor of Experimental Fluid Mechanics and Head of Department for Mechanical Engineering and Aeronautics

Within the field of experimental fluid mechanics, Professor Nouri's 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.

www.city.ac.uk/jamshid-nouri

Other courses you may like

- MEng (Hons)/BEng (Hons) Aeronautical Engineering
- MEng (Hons)/BEng (Hons) Air Transport Engineering
- MEng (Hons)/BEng (Hons) Automotive and Motorsport Engineering
- MEng (Hons)/BEng (Hons) Energy Engineering
- Mechanical and Aeronautical Engineering Foundation Programme (for more information on this Programme, please visit the City University London website).

Telecommunications
BEng (Hons)

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 (Hons), H646 BEng (Hons) with professional placement.

Duration

3 years or 4 years including a professional placement.

Entry requirements

Typical offers require one of the following:

'A' Level
300 UCAS tariff points, including 'A' Level Mathematics at grade B or higher and at least one 'A' Level in a science subject, preferably Physics or Electronics.

IB
32 points, including 5 in Higher Level Mathematics and a science subject.

BTEC
DDD in Electrical and/or Electronic Engineering including D in both L3 Mathematics subjects in Extended Diploma only.

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 each component.

PTE Academic: 58 overall with a minimum of 50 in each component.

Enquiries

E: ug-eee@city.ac.uk
T: +44 (0) 20 7040 6050

The course is designed to educate students in the design, analysis and testing of telecommunications and engineering technologies. The content of the course covers fundamental education in engineering science, from electronics and computing to more specialised telecommunications-focused modules with a strong emphasis on applications. In addition, telecommunications engineers also require managerial and communication skills and an awareness of the economic, environmental and social implications of their activity.

Course structure

Year one
Year one provides a broad foundation in engineering concepts. The fundamental principles of engineering and applied physics that underpin the design of electrical and electronic equipment are studied. The modules of this year are delivered jointly with the Computer Systems Engineering and the Electrical and Electronic Engineering degrees.

Core modules include:
- Engineering mathematics 1
- Engineering science
- Engineering practice
- Digital logic
- Electronic circuit design 1
- Programming and design
- Systems, modelling and control.

Year two
The second year gives a higher emphasis into specialist areas in electrical and electronic engineering and telecommunications.

Core modules include:
- Engineering mathematics 2
- Engineering management 2
- Object-oriented programming
- Communication systems
- Dynamics and control
- Electronic circuit design 2
- Numerical computing and statistics.

Year three
In the final year, students have the opportunity to take several core and advanced specialist telecommunications modules such as:

- Engineering management 3
- Electric and magnetic fields
- Signal processing
- Optical and wireless communications
- Digital broadcasting technology
- Digital communications.

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 academic staff, with some lectures given by consultants and experts from industry. Learning methods include formal lectures, seminars and tutorials, supplemented by an engineering applications course involving laboratory and group projects.

Opportunities for work placements

Students are strongly encouraged to seek a one year placement after their second year, with support provided by the School's Professional Liaison Unit. Placements provide the opportunity to learn more about the industry, take on graduate-level responsibilities and in some cases work as part of a multinational workforce.

Career opportunities

Graduates can follow careers in various areas of the industry, including telecommunications service providers such as BT, O2 or Vodafone, telecommunications equipment manufacturers such as Huawei, Nokia or Samsung and in areas of networking or information technology. Some graduates continue into postgraduate education, research and development and consultancy.

Accreditation

This course is accredited by the Institution of Engineering and Technology and the Institute of Measurement and Control.

Other courses you may like

- MEng (Hons)/BEng (Hons) Biomedical Engineering
- BEng (Hons) Computer Systems Engineering
- MEng (Hons)/BEng (Hons) Electrical and Electronic Engineering
- BEng (Hons) Engineering with Management and Entrepreneurship
- Electrical and Electronic, Biomedical, Telecommunications and Computer Systems Engineering Foundation Programme (for more information on this Programme, please visit the City University London website).

Usman Saeed
Graduate

I'm originally from Lahore, Pakistan. Before joining City, I studied Electrical and Electronic Engineering at the University of Lahore. I am pleased I made the decision to come here, the course was challenging but the modules allowed me to retain and develop my interest in this field. I particularly enjoyed the mathematics modules we studied in years one and two. If I could give one piece of advice to students thinking of coming to City, I would tell them to go for it! The rigorous learning environment, along with a phenomenal cultural diversity, really makes for an exceptional experience.

Dr Constantino Carlos Reyes-Aldasoro
Lecturer, Course Director

Dr Constantino Carlos Reyes-Aldasoro received a Bachelor of Science in Electrical Engineering (BSEE) in Mechanical and Electrical Engineering from Mexico's National University (UNAM), an MSc in Communications and Signal Processing from Imperial College and a PhD in Computer Science from Warwick University.

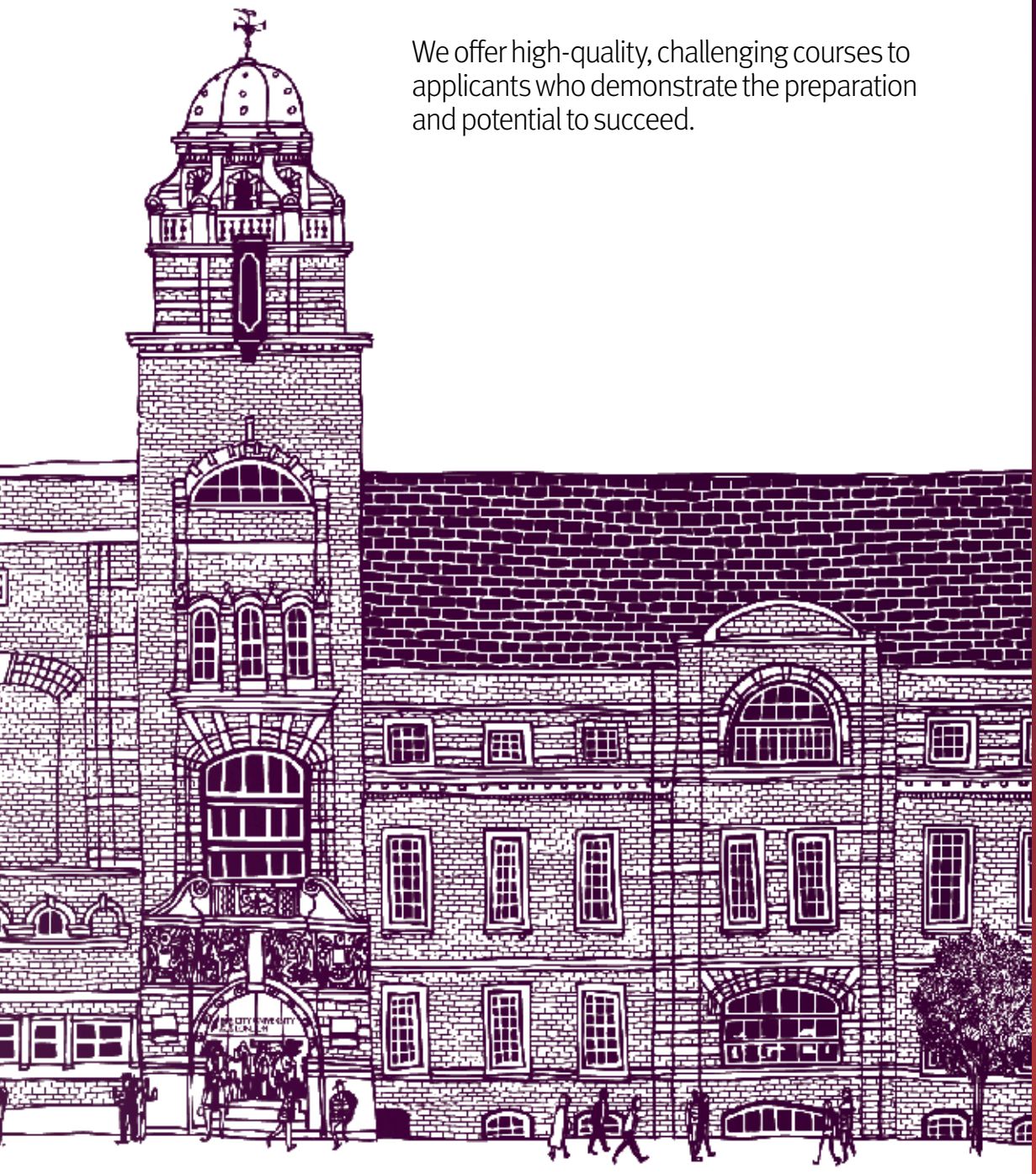
His expertise spans two complementary areas of telecommunications and image processing. In telecommunications he worked in design and installation of wireless and mobile networks and regulatory aspects of telecommunications. In image processing his research interests cover biomedical image analysis, in particular of cancer, microcirculation and inflammation, which require the interdisciplinary skills to interface between life sciences and engineering. His complementary skills have been applied in creating a website through which cancer-related images are uploaded to a high-performance cluster and processed with specialised image-processing algorithms.

He has published more than 60 journal and conference papers in both biological and technical areas, which have more than 450 citations. He is a senior member of the Institute of Electrical and Electronics Engineers.

www.city.ac.uk/people/academics/carlos-reyes-aldasoro

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.

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

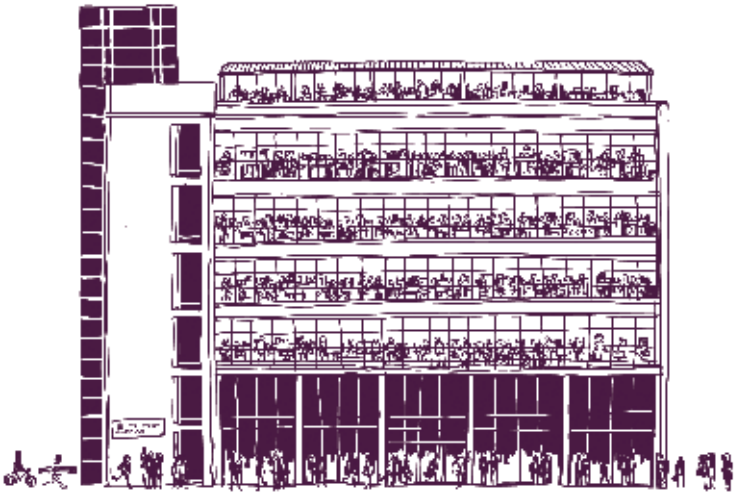
In addition to the general requirements, admission to most courses requires passes in a specific subject or subjects relevant to the course. See the entry requirements box on each course page in this prospectus for more details.

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
- The Pearson Test of English (PTE Academic) at 58 overall with a minimum of 50 in each component. PTE is not considered suitable for School of Health Sciences
- Cambridge English: Advanced at grade C or above.
- 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.



Email enquiries
ugadmissions@city.ac.uk

Telephone enquiries
+44 (0) 20 7040 8716

Find out more, visit
www.city.ac.uk/ug2016/apply

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 and 'AS' Levels. 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 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' Level 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.

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 Diploma of Secondary Education
- 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 consider 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.

Telephone enquiries
UCAS Customer Contact Centre:
+44 (0) 871 468 0468

Find out more, visit
www.ucas.com

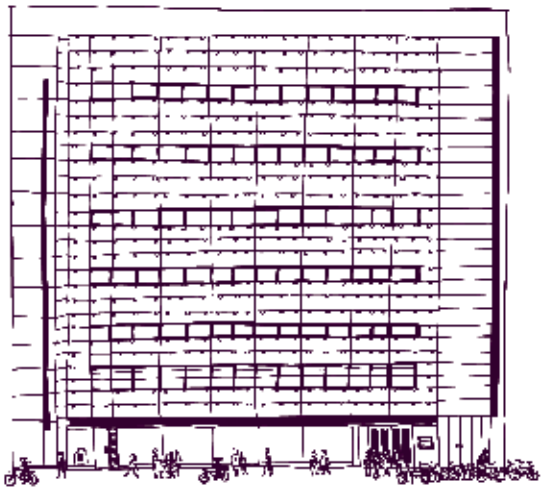
BTEC Qualifications (QCF) Suite of qualifications known as Nationals

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

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



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 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 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 twelve months
- Three terms or approximately nine 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 the 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 to 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 BEng (Hons) and MEng (Hons) 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.**

When to apply

Your application for entry in September 2016 should arrive at UCAS between 1st September 2015 and 15th January 2016. Applications that arrive after 15th January 2016 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.

General enquiries

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

Application

For enquiries relating to your application, please visit the UCAS website.

UCAS Customer Contact Centre:
+44 (0) 871 468 0468

Find out more, visit
www.ucas.com

Open Days in 2015
See for yourself

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 get advice on applying for your chosen degree.

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 on the degrees we offer at City, led by academic staff. These talks cover entry requirements, course content 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 2015, our Open Days are on Wednesday 1st July and Saturday 26th 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. These are held at 11am every Tuesday and can be booked online at **www.city.ac.uk/visitus**. Alternatively, look out for the City University London team at UCAS, school and college events.

For more information on Open Days, tours and events, please visit our website.

Email enquiries
opendays@city.ac.uk

Telephone enquiries
+44 (0) 20 7040 3161

Find out more, visit
www.city.ac.uk/visitus

Open Days in 2015 will be held on:
Wednesday 1st July
Saturday 26th September


Open Days in 2015 will be held on: Wednesday 1st July and Saturday 26th September

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 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.

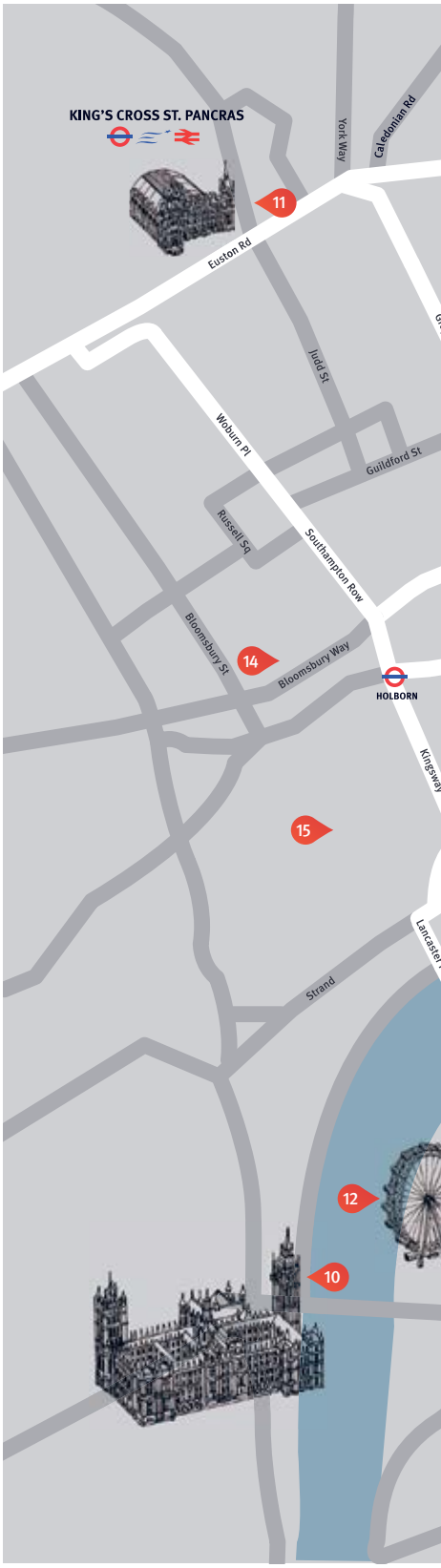
Parking in central London is limited and can be costly. There is metered parking available on the roads surrounding Northampton Square and the nearest National Car Park is on Pear Tree Street. Please also note that almost all of City's sites are within the congestion charging zone and drivers are liable to pay a daily charge.

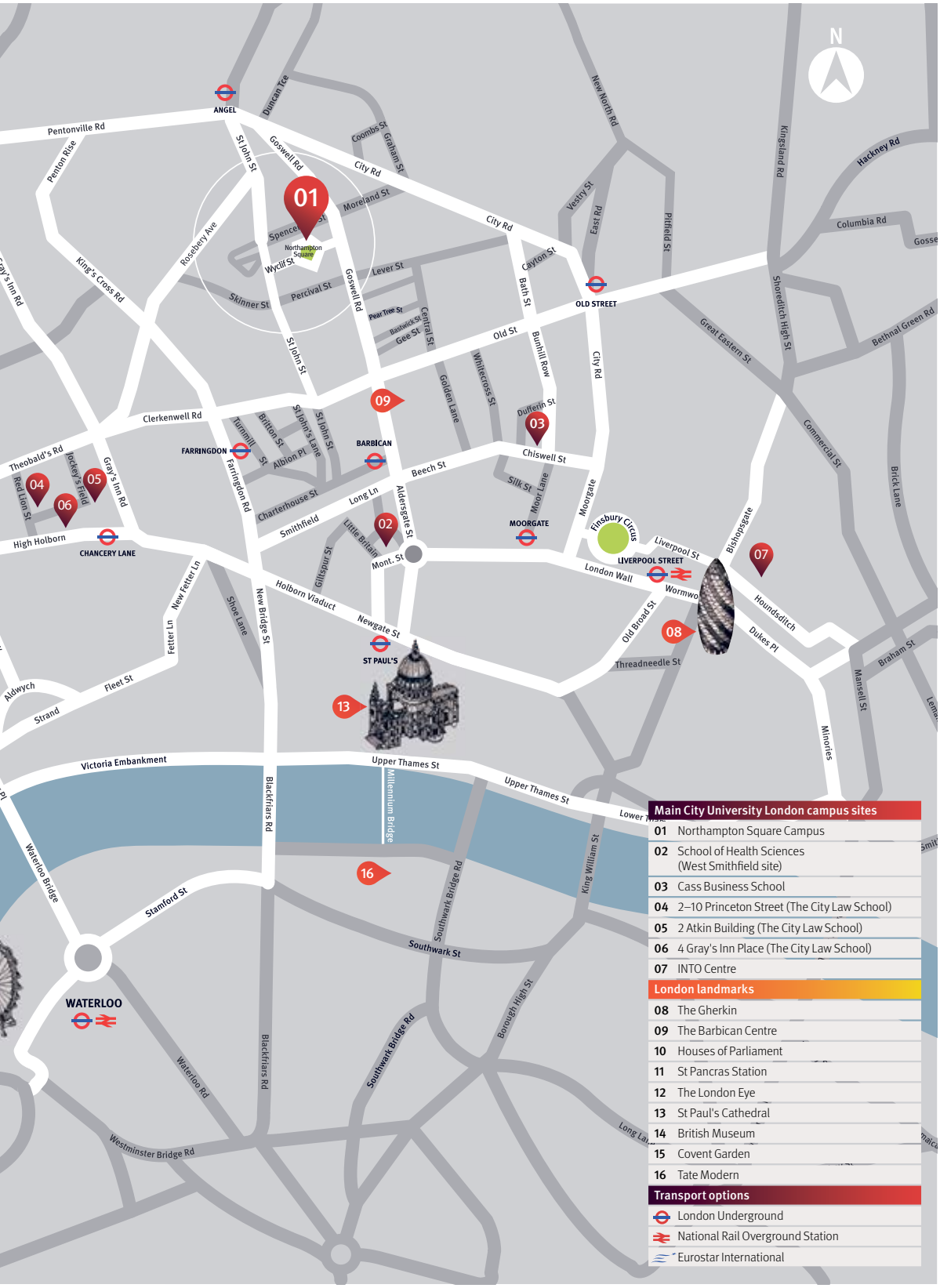
Reaching City from outside London

- Coach and train terminals in London link with Underground and bus networks
- Rail services connect Gatwick and Luton airports with Farringdon station
- The Eurostar high-speed railway service terminal is at St Pancras 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**.





Main City University London campus sites

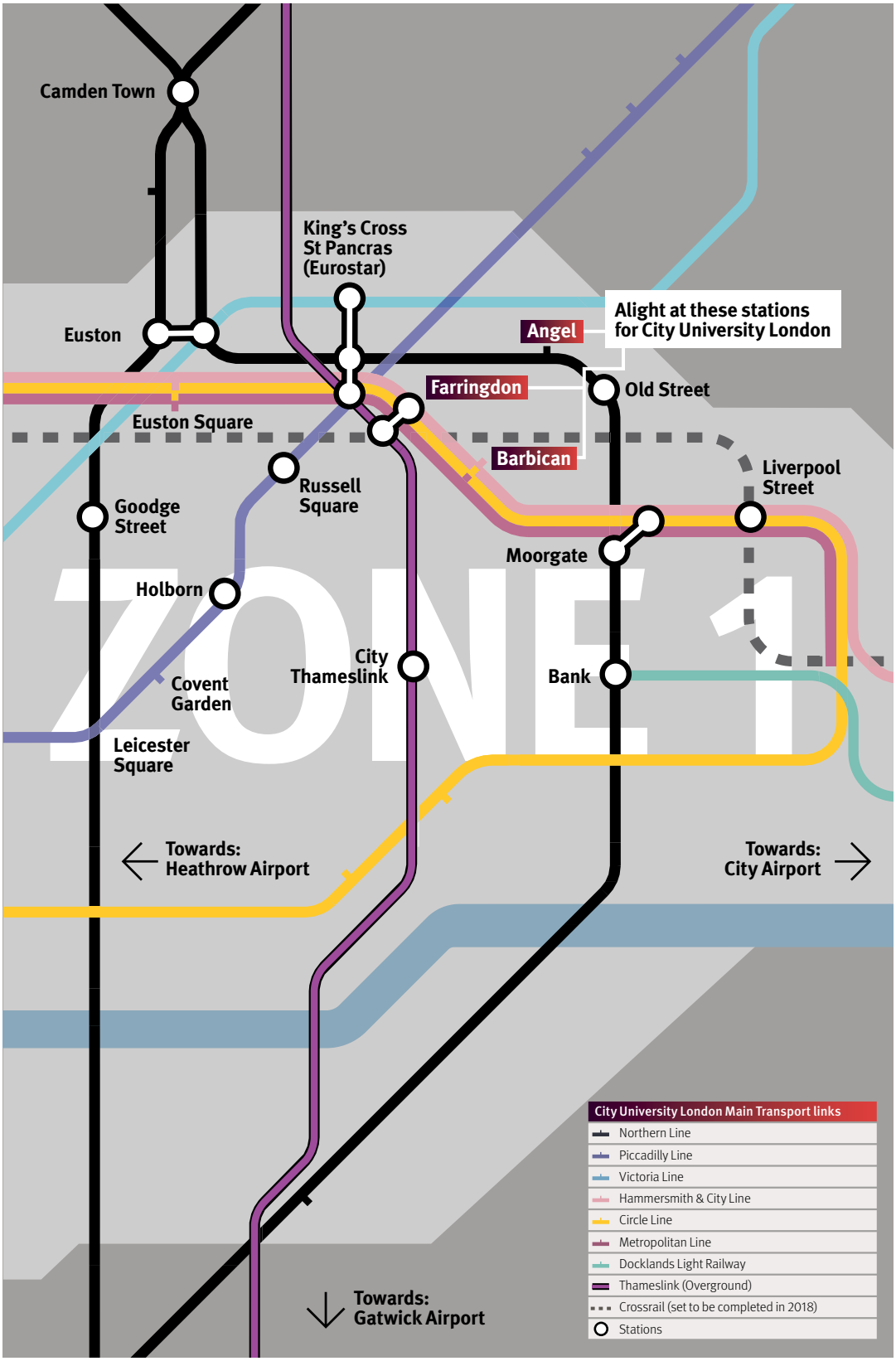
01	Northampton Square Campus
02	School of Health Sciences (West Smithfield site)
03	Cass Business School
04	2–10 Princeton Street (The City Law School)
05	2 Atkin Building (The City Law School)
06	4 Gray's Inn Place (The City Law School)
07	INTO Centre

London landmarks

08	The Gherkin
09	The Barbican Centre
10	Houses of Parliament
11	St Pancras Station
12	The London Eye
13	St Paul's Cathedral
14	British Museum
15	Covent Garden
16	Tate Modern

Transport options

- London Underground
- National Rail Overground Station
- Eurostar International


Camden Town
King's Cross
St Pancras
(Eurostar)
Euston
Angel
Alight at these stations
for City University London
Farringdon
Old Street
Euston Square
Barbican
Liverpool
Street
Russell
Square
Goodge
Street
Moorgate
ZONE 1
Holborn
City
Thameslink
Bank
Covent
Garden
Leicester
Square
Towards:
Heathrow Airport
Towards:
City Airport
Towards:
Gatwick Airport
City University London Main Transport links
Northern Line
Piccadilly Line
Victoria Line
Hammersmith & City Line
Circle Line
Metropolitan Line
Docklands Light Railway
Thameslink (Overground)
Crossrail (set to be completed in 2018)
Stations

General Index

Course Index

The origins of City University London date back to 1894, when the Northampton Institute was established to cater for the education and welfare of the local population. The Lord Mayor of London is the Chancellor of the University, students attend their graduation ceremonies within the prestigious surroundings of Guildhall or Barbican and many City of London livery companies are long-standing supporters of City.

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.

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EC1V 0HB
United Kingdom

Email enquiries
enquiries@city.ac.uk

Telephone enquiries
+44 (0) 20 7040 5060

Find out more, visit
www.city.ac.uk

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facebook.com/
cityuniversitylondon

Follow us on
twitter.com/
cityunilondon

Watch us on
youtube.com/
mycityunilondon

www.city.ac.uk