



CITY UNIVERSITY
LONDON

Academic excellence for business and the professions

Undergraduate Prospectus 2015/16



www.city.ac.uk

Creating your future

Introduction	
Welcome to City	1
Why City	
City, London and you	2
Business and the professions	4
Global connections	6
Life at City	
Student life	8
International student life	10
Accommodation	12
Sport	14
Learning	16
Academic facilities	18
Libraries and IT services	20
Funding	22
Scholarships, bursaries and prizes	24
Life after City	
Employability	26
Alumni	28
Degrees at City	
School of Arts & Social Sciences	30
Cass Business School	64
School of Health Sciences	80
The City Law School	102
School of Mathematics, Computer Science & Engineering	108
Information	
Applying to City	152
A guide to entry requirements	154
UCAS tariff tables	156
Foundation courses at partner institutions	158
The next step	160
Open Days in 2014	162
Maps, addresses and transport links	164
Indices	
General index	167
Course index	168



Finding your perfect course

City University London's five Schools offer an outstanding range of inspiring, relevant and challenging undergraduate degrees.



Niresha Umaichelvam is a third year LLB (Hons) student at The City Law School. Turn to page 102 to read more about the School and to meet other students on the LLB (Hons).



Andres Taylor is studying for an MEng (Hons) Aeronautical Engineering. This degree, like many others in Engineering, is available as a three-year BEng (Hons) or a four-year MEng (Hons). To find out more about the School of Mathematics, Computer Science and Engineering, turn to page 108.



Clara O'Gorman is in her second year of the BSc (Hons) Speech and Language Therapy. Find out more about this degree on page 100 and read about other courses offered by the School of Health Sciences on page 82.

Top 10 in the UK for graduate salaries

(*The Times and The Sunday Times Good University Guide League Table 2014*; Lloyds Bank University Quality of Student Life Survey 2013)

Top 10 in the UK for international students

(*The Times and The Sunday Times Good University Guide League Table 2014*)

1st in London for business and management degrees

(*The Guardian University Guide 2014*)

School of Arts & Social Sciences	30
Criminology BSc (Hons)	34
Criminology and Sociology BSc (Hons)	36
Cultural and Creative Industries BA (Hons)	38
Economics BSc (Hons)	40
Economics with Accountancy BSc (Hons)	42
Financial Economics BSc (Hons)	44
International Political Economy BSc (Hons)	46
International Politics BSc (Hons)	48
International Politics and Sociology BSc (Hons)	50
Journalism BA (Hons)	52
Media Studies and Sociology BSc (Hons)	54
Music BMus (Hons)	56
Psychology BSc (Hons)	58
Sociology BSc (Hons)	60
Sociology with Psychology BSc (Hons)	62
Cass Business School	64
Accounting and Finance BSc (Hons)	68
Actuarial Science BSc (Hons)	70
Banking and International Finance BSc (Hons)	72
Business Studies BSc (Hons)	74
Investment and Financial Risk Management BSc (Hons)	76
Management BSc (Hons)	78

School of Health Sciences	80
Adult Nursing BSc (Hons)	84
Child Nursing BSc (Hons)	86
Mental Health Nursing BSc (Hons)	88
Midwifery BSc (Hons)	90
Optometry BSc (Hons)	92
Radiography (Diagnostic Imaging) BSc (Hons)	94
Radiography (Radiotherapy and Oncology) BSc (Hons)	96
Speech and Language Science BSc (Hons)	98
Speech and Language Therapy BSc (Hons)	100

The City Law School	102
Law LLB (Hons)	106

School of Mathematics, Computer Science & Engineering	108
Aeronautical Engineering MEng (Hons) or BEng (Hons)	112
Air Transport Engineering MEng (Hons) or BEng (Hons)	114
Automotive and Motorsport Engineering MEng (Hons) or BEng (Hons)	116
Biomedical Engineering MEng (Hons) or BEng (Hons)	118
Business Computing Systems BSc (Hons)	120
Civil Engineering MEng (Hons) or BEng (Hons)	122

Civil Engineering with Architecture MEng (Hons) or BEng (Hons)	124
Computer Science BSc (Hons)	126
Computer Science with Games Technology BSc (Hons)	128
Computer Systems Engineering BEng (Hons)	130
Electrical and Electronic Engineering MEng (Hons) or BEng (Hons)	132
Energy Engineering MEng (Hons) or BEng (Hons)	134
Engineering with Management and Entrepreneurship BEng (Hons)	136
Mathematical Science MMath (Hons) or BSc (Hons)	138
Mathematical Science with Computer Science MMath (Hons) or BSc (Hons)	140
Mathematical Science with Finance and Economics MMath (Hons) or BSc (Hons)	142
Mathematical Science with Statistics MMath (Hons) or BSc (Hons)	144
Mathematics and Finance MMath (Hons) or BSc (Hons)	146
Mechanical Engineering MEng (Hons) or BEng (Hons)	148
Telecommunications BEng (Hons)	150

Jiajun Loke is studying for a BSc (Hons) Actuarial Science at Cass Business School. He is one of over 4,000 international students at City. To find out more about degrees at Cass, turn to page 64. Read about life as an international student on page 10.

Georgia Skupinski is studying for a BSc (Hons) International Politics. To read more about this degree, turn to page 48. To find out about other degrees in the School of Arts & Social Sciences, go to page 30.

90% of students are satisfied with the quality of their education
(2013 National Student Survey)

Top 5% of universities in the world
(Times Higher Education World University Rankings 2013/14)

Research in 15 areas of a quality comparable with the best in the world
(2008 Research Assessment Exercise)

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 now 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 17,000 students from more than 150 countries and academic staff from over 50 countries.

Furthermore, we are among the top 10 universities in the UK for both graduate-level employment and starting salaries.

We have made a strong submission in the current national Research Excellence Framework and expect to be assessed as producing world-leading or internationally-excellent research with impact in twelve subject areas.

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 25 for further details) and guaranteed accommodation for 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



City, London and you

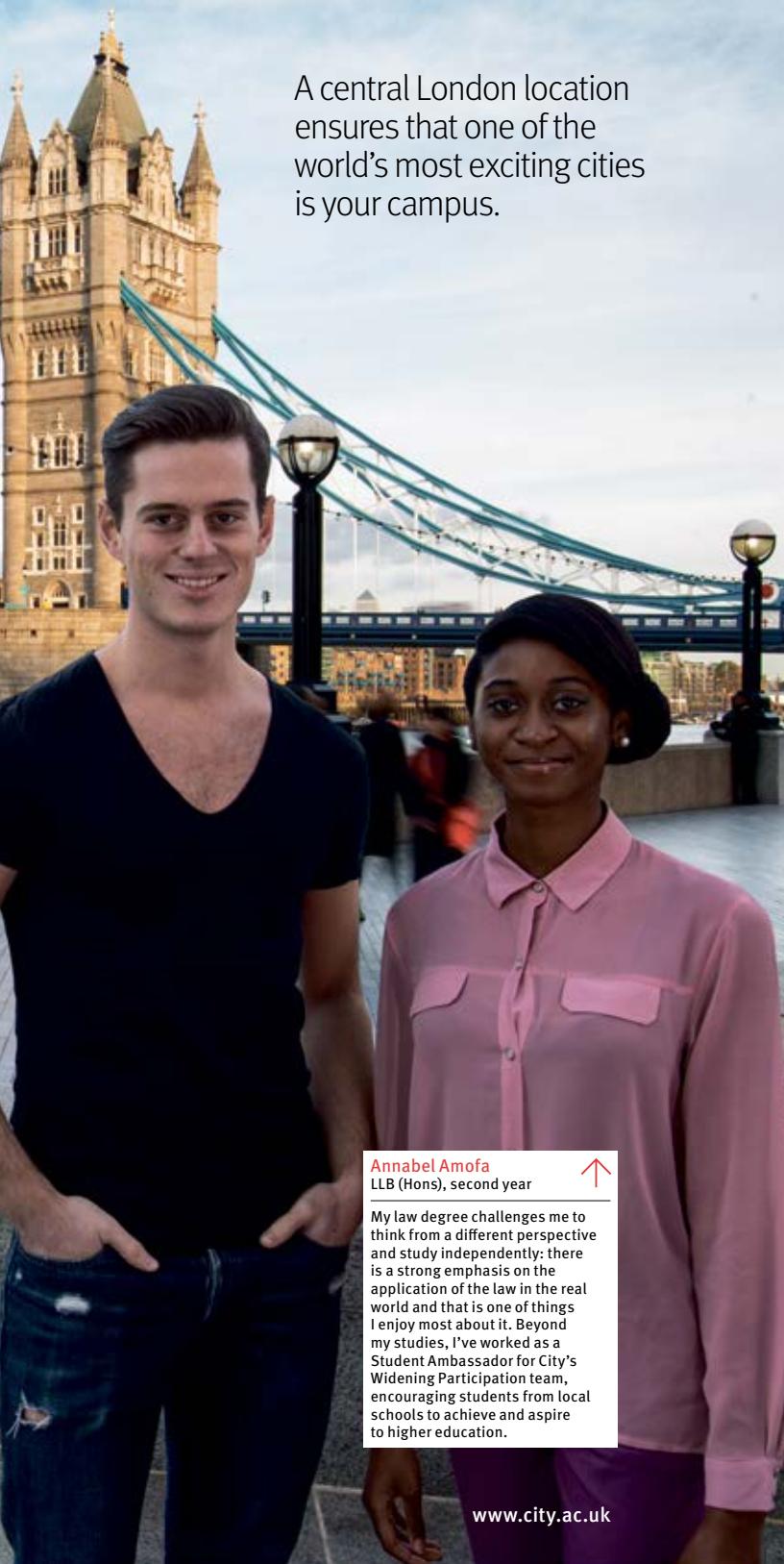
Studying in a world class city

Philipp Oppolzer
BEng (Hons) Engineering
with Management and
Entrepreneurship, third year

I'm originally from Vienna, Austria and City appealed for two main reasons: firstly, because it is so international, with students from all over the world and secondly, because it was the only university offering the kind of course I was looking for, combining Engineering with Management and Entrepreneurship. I've enjoyed working closely with fellow students and academic staff: it's a very collaborative environment.

Visit www.city.ac.uk/ug2015/philipp to hear more from Philipp about his time at City.

Annabel and Philipp are on the South Bank, a short walk from Borough Market, the Tate Modern and the City of London.



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

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

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

Annabel Amofa
LLB (Hons), second year

My law degree challenges me to think from a different perspective and study independently: there is a strong emphasis on the application of the law in the real world and that is one of things I enjoy most about it. Beyond my studies, I've worked as a Student Ambassador for City's Widening Participation team, encouraging students from local schools to achieve and aspire to higher education.

Business and the professions

Shaping your future together



Jamie Crowder
BSc (Hons) Business Studies,
third year



The opportunity to undertake a placement as part of my degree was a major factor in my decision to apply to Cass Business School, alongside its location close to the City and the University's academic reputation. During my placement last year, I worked as a Corporate Actions analyst for Morgan Stanley and this experience helped me to secure a place on a graduate scheme in the banking sector after I graduate. University is a life-changing experience: as the first in my family to go to university, I've really tried to make the most of every opportunity I've been given here.

Visit www.city.ac.uk/ug2015/jamie to hear more about how City can help you shape your future.

Jamie is in the City of London, also known as the Square Mile. With historic links to City University London, the City is one of the world's most important centres for finance and business.

City has developed a reputation for academic excellence and an unrivalled relationship with business and the professions.



In 1894, the Northampton Institute was founded to 'promote the industrial skill, general knowledge, health and wellbeing' 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.

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 mortality 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

To discover more about opportunities for work placements and studying abroad, see the course pages, starting on page 30. You can also read about the world-leading research taking place at City's five Schools.

Global connection

Making the world your oyster



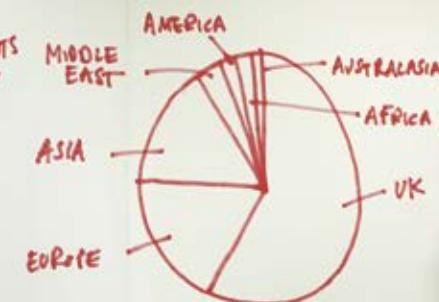
Rafał Michalowicz
BSc (Hons) Investment and
Financial Risk Management,
second year



I've always been interested in finance and risk management so the specialised degree offered by Cass Business School particularly appealed. I'm from Poznan, Poland and sharing the university experience with people from all over the world has definitely been a highlight of my time here. In the future, I'd like to use my expertise in a career in the financial sector: at the moment I am applying for internships in Chinese banks.

ns

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



Vibhuti Negi
BSc (Hons) Psychology,
third year

My degree is fascinating: though there's no doubt that it involves a lot of hard work and I sometimes find myself in the library until very late. I love understanding more about why people behave the way they do. I've made the most of the opportunities at City to meet people by joining societies, working as a Student Ambassador and mentoring primary school children. What's next? I would love to undertake a PhD in Psychology and ultimately become an academic.

www.city.ac.uk

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, industries and organisations.

Why City?

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.

World Cities World Class

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

International partnerships

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

Find out more

To find out more about life as an international student at City, turn to page 10 or visit www.city.ac.uk/international.

Student life

Cultivating your social network

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



Rima Amin
Students' Union
Vice-President (Activities and Development), BA (Hons) Journalism, graduated 2013

When I decided to stand for the position of Vice-President (Activities and Development), my main motivation was to encourage participation and engagement in the Students' Union: I wanted all City students to be aware of the wide range of activities and support we provide. This year we've put a lot of emphasis on helping develop future leaders: we run training programmes for people participating in clubs and societies to help them make the most of the experience and develop key transferable skills.

Giulio Folino
Students' Union President 2013/14, BSc (Hons) Business Computing Systems, graduated 2013

When I joined City as a mature student, I was keen to make the most of everything on offer: the Students' Union and the clubs and societies it supports helped me to meet people who shared my interests. But the Students' Union at City does so much more than that: we represent students both within the University and nationally and provide support for minority groups and anyone facing problems with their studies.

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 wellbeing, accommodation and careers.

The Student Centre

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

Students' Union

City University London Students' Union (CULSU) 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, such as Raising And Giving (RAG) and student media activities, 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
- It 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, sporting and cultural clubs and societies that reflect the diverse interests and origins of the City student body. 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.

Student enterprise and entrepreneurship

City is located very near to Tech City, one of Europe's leading locations for technology start ups. We are committed to supporting enterprising and entrepreneurial students and, through the CityStarters team, coordinate a wide variety of extra-curricular programmes, including business seminars, networking events and start up surgeries. To find out more, visit www.citystarters.co.uk.

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. We also deliver a comprehensive range of taster weeks, industry days, masterclasses and visit days as well as opportunities to tutor and mentor young people.

Eating and socialising

There is a range of places to eat and meet friends at the University, including coffee shops and sandwich bars, the student refectory and the Students' Union social venue, Saddlers Bar.

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

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 wellbeing

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. It is important to register with a doctor (GP) close to your home; the Student Health Service can help you with this process.

Student Counselling and Mental Health Service

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

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, as well as one-to-one support, advice on funding and liaison with academic departments and Professional Services 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 academic departments and Professional Services to ensure that appropriate arrangements are in place.

International student life

Broadening your horizons



Yashwardhan Banthia
BSc (Hons) Economics,
second year

Getting to know the academic staff in my department has been one of the highlights of my time here: they are so enthusiastic about their subject areas, which means that tutorials are a great opportunity to debate and challenge the concepts we learn about in lectures. I've been the Student Representative for my degree for the last two years, so I also work with them to improve the learning experiences and act on student feedback.

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

Jian Fong
BEng (Hons) Civil Engineering,
second year

I'm from Sabah, Malaysia and City's central London location definitely appealed to me when I was deciding where to apply. I hope that being located here will help me when I apply for placements later this year. There is a lot of emphasis on professional skills in my course, which I really enjoy. We have a good balance between lectures and laboratory sessions, for example, and at the end of the first year, we went on a geology field trip.

The College Common Room, pictured here, is a space for studying and relaxing between lectures.

We understand that choosing a university and studying 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 makes 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 our website www.city.ac.uk/international.

Contact international alumni

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

You are responsible for obtaining any necessary visas and entry clearance into the UK. Information about applying for and extending visas to study is available on the University website at www.city.ac.uk/studentvisa. Further information about applying for visas outside the UK is available on the Home Office website at www.ukba.homeoffice.gov.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 2015. The application deadline for overseas students is 30th June 2015, but we would strongly advise overseas students to submit their applications by 15th January 2015.

Tuition fees

Fees for overseas undergraduate students vary according to the course you intend to study. Up-to-date fee information for the 2015/16 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 international undergraduate students, provided we receive your accommodation application before the deadline (see page 13). Most of our student accommodation is within walking distance of the University. Our Student Centre can provide advice and guidance on finding suitable private accommodation.

Accommodation

Making your home in London

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



Maureen de Seyssel
BSc (Hons) Psychology,
first year

I started at City this year and as I'm from Lyon, France, I applied to live in halls of residence. I have my own study bedroom and I share a kitchen with three flatmates; the hall is about a ten minute walk from campus, so we're really central. Welcome Week at City was great – there were lots of events designed to help us meet people and find our way around. My course is quite research-focused, which is ideal for me: I hope to continue with Psychology after I graduate and become a researcher.

Maureen is in her shared kitchen in Liberty Court, one of City's central 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 and at City we have self-catered halls of residence a short walk from the main University buildings. Each with a team of management staff, our halls have private, modern study bedrooms and communal living spaces, where you can cook, relax and feel at home.

Ensuring a room in a hall of residence

We are able to guarantee a place for first year undergraduates in halls of residence. To make sure you are allocated a room, you will need to accept our offer of a full-time course and apply for accommodation no later than 30th June 2015 (for courses beginning in September 2015). You will also need to be 18 years or above at the time of moving into halls. The Student Centre will then confirm your place.

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

Private accommodation

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

Costs of private accommodation

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

Building facilities for success



William Humberstone
LLB (Hons), third year

I did three mathematics-related 'A' Levels at school, but ultimately I decided that law, rather than maths, was the route for me. I haven't regretted my decision: I love that my course is challenging and I seem to learn something new each day. Outside of my studies, I spend a lot of my time fencing: I'm the men's team captain this year. If I could offer one piece of advice to new students at City, it would be to get involved in sport: make the most of the facilities and training to try something new!

A brand new Sports Centre with outstanding facilities provides opportunities for sport and fitness at all levels.

Sport plays an important role at City and our new sports facility, CitySport, opens towards the end of 2014. Whether you want to continue with a familiar sport, set new goals, try something new or join a team, the University offers a varied range of activities.

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

CitySport

CitySport, our new Sports Centre, will provide outstanding facilities and equipment for students, staff and members of the public to enjoy. The heart of this new building will be a Sport England-standard, high-competition sports hall, with spectator seating for court games. The Centre will also include a strength and conditioning area and studios.

Sports Desk

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

Lily Fox

BSc (Hons) Banking and International Finance, first year

I joined the fencing team when I started studying at City in September. There is a great 'having fun and learning as you go along' spirit with the team, and you really do feel welcome regardless of skill level. With the one-on-one lessons given by our coach I've felt that I'm progressing and improving at the sport with every session. And it's a fun way to keep fit and active.

Lily and William are in CitySport's temporary home. In 2014, a new state-of-the-art facility for sport will open close to our main campus.

Represent the University

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

Individual sport

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

Campus physical activity programme

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

Find out more

To find out more about sport at City and the new Centre, visit www.city.ac.uk/sport.

Learning

Developing knowledge and skills for your future



Tanvi Narayan

BSc (Hons) Economics with Accounting with Integrated Professional Training, third year

Growing up I lived in different countries so when I was choosing a university, a diverse international environment was important to me. City was an excellent choice in that respect. I've found the learning environment to be supportive and inspiring: we all have personal tutors to provide guidance and there is a real-world emphasis in my degree, with case studies from the world of finance. This proved invaluable during my placement year, when I worked in the Finance Business Analyst's Division at Harrods.



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.

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

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 and equipment

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

International summer schools

A summer school is a short-term study programme, which provides you with an experience of living and learning in another country. Open to all undergraduate students, they last between two and eight weeks and take place during holiday periods. You will need to apply for them independently and 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 undertaken a period of work experience and many degree programmes at City offer students the opportunity to undertake a work placement as part of their degree. Although it is your responsibility to find a suitable work placement, the departmental Placement Officer or industry Placement Advisor in your School will be able to advise you.

Methods of assessment

Assessment methods vary from course to course, with most courses combining examinations with written coursework, projects or group work. Course descriptions in this Prospectus and online provide further information on assessment.

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

Enhancing your learning



Kyaw Naung
BSc (Hons) Optometry,
second 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 to 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/study/visit-us to reserve a place on a campus tour, find out more about Open Days or take our virtual tour.

Journalism studios

Students in The Department of Journalism have use of extensive facilities, including a television studio (see page 161), 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 within the Department.

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 City'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, (see left) our Radiography students have access to City's dedicated Radiography Clinical Skills Suite, with x-ray units, ultrasound and digital imaging facilities, while Speech and Language Therapy students are supported by an in-house speech and language therapy clinic.

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 already been completed: turn to page 108 to see some of the new areas. Our academic staff and postgraduate students will also benefit from the expansion of state-of-the-art facilities in which to undertake their research, including the expansion of biomedical and electrical engineering laboratories.

Law libraries

The law library at City's main Northampton Square campus, pictured on page 20, houses a comprehensive collection of printed textbooks, journals, statutes, law reports, legal reference tools and encyclopaedias. 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.

Libraries and IT services

Making information work for you



Rabah Kherbane
LLB (Hons), second 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; this year I am 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 in the newly refurbished Law library, one of five libraries at the University.

Antonia Anderson
LLB (Hons), second year



The Careers Service at City provides 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 recent 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 280,000 volumes and over 50,000 titles that can be accessed electronically, on and off campus.

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

Library facilities

As well as books and access to electronic material, our libraries contain software packages, DVDs, musical scores and CDs. Facilities include 1,400 individual study spaces, group study rooms, equipment to help you prepare presentations and print and 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, 24-hour IT support via telephone and widely available wireless access ensure students enjoy excellent connectivity. The IT Service Centre, open during term time from 8am to 8pm and outside term time from 8am to 6pm, provides a one-stop shop of expert help and advice, whether you are configuring your device to connect to the wireless network or purchasing print credit.

Workstations and PC laboratories

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

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

Understanding your student finances

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



Evelyn Halim
BSc (Hons) Economics with
Accounting, third year

The support that is available for City students is fantastic: staff in the Student Centre and in Careers, Student Development & Outreach have particularly helped me during my time here as I've got used to life in the UK (I'm from Surabaya, Indonesia) and prepared for my future. After I graduate, I plan to work in the financial industry, using the skills I've developed during my time here. Ultimately, though, I'd like to return to my home country and work to develop the economy there.

Josh DuSautoy
US Loans Administrator,
Student and Academic Services

I work in the Student Centre as part of the Financial Support team. My particular role is to coordinate US Loans: I help City students from the United States manage their student finances from the moment they decide to come to City through to their graduation. More generally, as a team we administer bursaries and scholarships, we help students who are experiencing financial difficulties and we hold drop-in sessions each week for students seeking advice on their finances.

Josh and Evelyn are in the Student Centre, which provides support relating to finance, accommodation, visas and many other aspects of student life.

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 there 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 (2014/15). If you are eligible, you will not have to pay in advance for your tuition fees as the cost can be covered by a loan. If you don't take out a loan, fees are paid directly to the University. This can be done in two instalments, at registration and the following January. Please check our website regularly for updated information on our 2014/15 tuition fees.

Repaying tuition fee loans

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

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 you for loans, grants and special allowances.

Hardship funds

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

Second degree students

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

Part-time students

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

NHS-funded courses

The NHS normally pays your tuition fees if you are on one of the following 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 dependent 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 European Union you are normally entitled to a tuition fee loan only. In some cases, if you have been resident in the UK for more than three years for non-study purposes, you may be entitled to assistance with your living costs.

Students with dependents

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

Students with a disability

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

Find out more

At www.city.ac.uk/study/undergraduate/funding-and-financial-support, 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 pr

Supporting education,
rewarding excellence



Galiya Martirosova
LLB (Hons), second year

I receive the Lord Mayor of London Scholarship for Academic Excellence each year, in recognition of my 'A' Level results. Alongside City's central location and its connection with employers in the legal sector, the Scholarship was one of the elements that attracted me to the University. What do I love about my degree? The law is everywhere: every day, I learn more about how law affects the world we live in.

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

izes



Muhammad Ahmad

BEng (Hons) Civil Engineering,
second year

During my time at City I received a scholarship as a result of my academic achievement: financially that was really helpful, obviously, but it was also great to be recognised by the University in that way. The course has been challenging, but I like that – it's brought out the best in me. I'm in my second year now and my ultimate goal once I graduate is to become a Chartered Engineer.

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 household incomes. 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 European Union who achieve ABB or above in their 'A' Levels (or acceptable equivalent qualifications) are 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 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 students, awarded on the basis of financial need and/or academic merit.

Awards from the School of Mathematics, Computer Science & Engineering

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

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.

Employability

Building your path to success

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



Tony Rimoldi

Chief Executive, CRL Ltd,
BSc Civil Engineering,
graduated 1980

When I was invited to become a mentor to current City students, it was the first time in almost thirty years that I had been back at City: it was a strange experience! But I've had a varied and fulfilling career and I wanted to see if I could help the next generation of engineers begin their professional lives. The Mentoring team at City matches us with students they feel will benefit from our particular strengths and professional expertise and as a result, I've worked with some really inspiring students, including Hanief.

Hanief Momen
BEng Civil Engineering,
third year

I signed up to City's Professional Mentoring Scheme because I hoped that it would help me gain some confidence and prepare for my professional career. Working with Tony has done that and much more: he helped me secure a summer internship at Buxton Associates, where I worked on various structural engineering projects, such as designing a hotel in Nigeria. Tony has helped me plan my future but he's also helped me with the present. I'm in my third year and my course is challenging, but I've learnt techniques to manage my workload and improve my results.

Hanief and Tony are in the College Building, which dates back to City's establishment in 1894.



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

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

Specialist careers advice

The Careers, Student Development and Outreach team is there to help you evaluate your life and career goals and plan the steps you need to take to achieve your aims. Discuss your plans at one-to-one appointments and discover our extensive careers resources, which include computer-aided guidance packages and aptitude testing systems.

Careers workshops and presentations

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

Graduate, internship and placement opportunities

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

Industry insight panel events

The Careers, Student Development and 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.

Temporary and part-time work

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

Student volunteering

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

Alumni

Joining a global community

Jennifer Viccars

Senior Consultant and Head of Graduate Recruitment, Capco, BSc (Hons) Business Studies, graduated 2010

As a consultant, I work with major institutions in the Financial Services sector to help them meet the expectations of their customers and shareholders. I've worked there for three years, through a period of enormous change in the sector: it has been incredible to play a part in shaping the industry and changing the practices of my clients.

The support I received when I was a student at City was invaluable. At the beginning of my degree, when I discovered my mathematics skills weren't up to scratch, I was able to access extra tuition and I also benefitted from financial assistance. But it was the Careers Service that really made the difference: I was assigned a wonderful mentor who helped me to analyse my skills, write my cv and prepare for interviews, while the University's events allowed me to network with potential employers, including Capco.

I've remained closely involved with City: I give lectures to current students on business skills, work with the Careers Service to offer students mock interviews and I've also spoken about my time at City at Open Days. I want to help ensure that current City students enjoy the same opportunities that I did.

Jennifer is on London Bridge, close to her workplace in the heart of the City of London.

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 community of *alumni* – 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 2013/14, over 300 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 suggests 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.

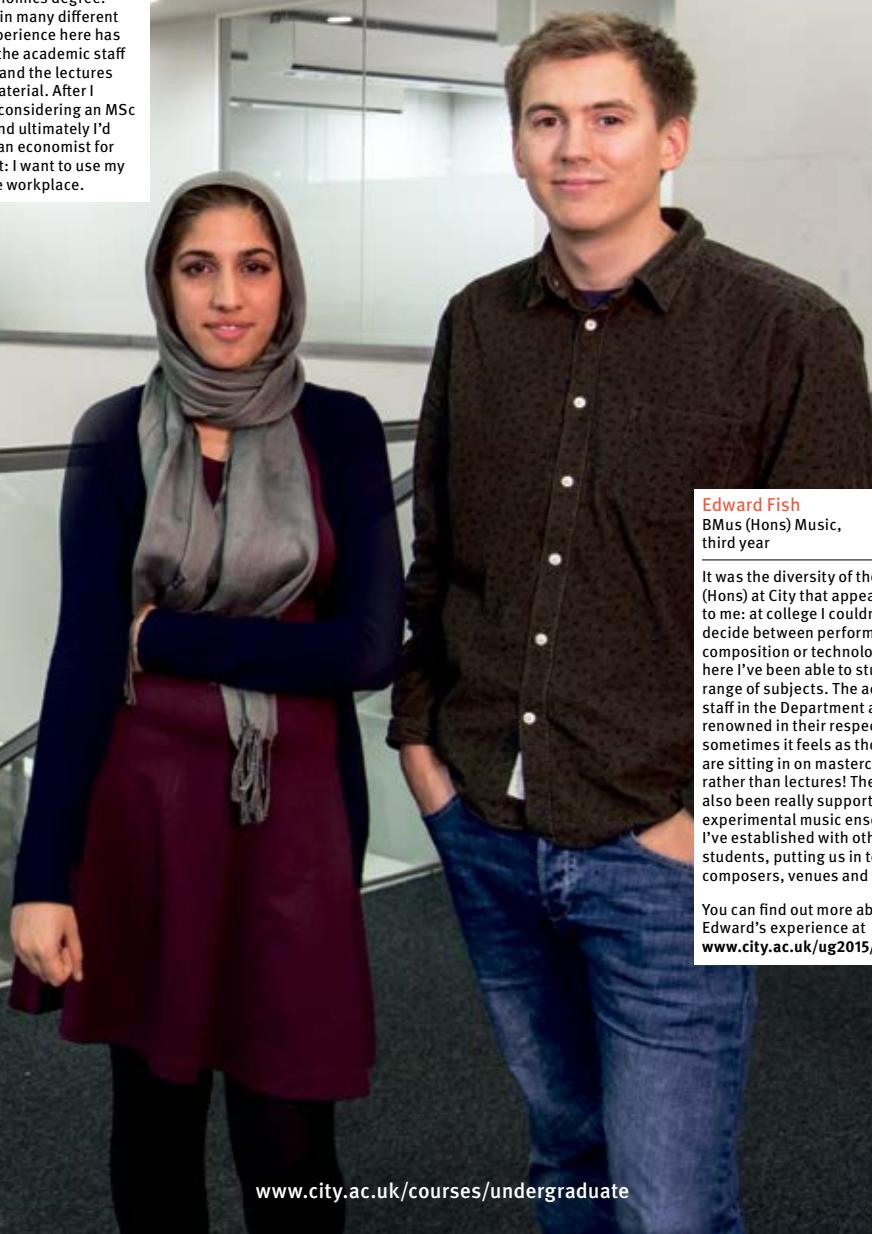
School of Arts & Social Sciences



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.

Kiran RajaBSc (Hons) Economics,
second year

At school I enjoyed Economics, so that played a part in my decision to apply for my course, but I was also motivated by the market value of an Economics degree: it's very useful in many different careers. My experience here has been positive: the academic staff are supportive and the lectures cover a lot of material. After I graduate, I am considering an MSc in Economics and ultimately I'd like to work as an economist for the government: I want to use my expertise in the workplace.

**Edward Fish**BMus (Hons) Music,
third year

It was the diversity of the BMus (Hons) at City that appealed to me: at college I couldn't decide between performance, composition or technology and here I've been able to study a broad range of subjects. The academic staff in the Department are renowned in their respective fields: sometimes it feels as though we are sitting in on masterclasses, rather than lectures! They have also been really supportive of an experimental music ensemble I've established with other students, putting us in touch with composers, venues and musicians.

You can find out more about Edward's experience at www.city.ac.uk/ug2015/edward.

Degrees offered

Criminology BSc (Hons)	34
Criminology and Sociology BSc (Hons)	36
Cultural and Creative Industries BA (Hons)	38
Economics BSc (Hons)	40
Economics with Accounting BSc (Hons)	42
Financial Economics BSc (Hons)	44
International Political Economy BSc (Hons)	46
International Politics BSc (Hons)	48
International Politics and Sociology BSc (Hons)	50
Journalism BA (Hons)	52
Media Studies and Sociology BSc (Hons)	54
Music BMus (Hons)	56
Psychology BSc (Hons)	58
Sociology BSc (Hons)	60
Sociology with Psychology BSc (Hons)	62

The School offers undergraduate degrees in the following areas: Cultural and Creative Industries; Economics; International Politics; Journalism; Music; Psychology and Sociology (including Media Studies and Criminology). This diverse range of degrees, together 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.



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 between their second and final years, 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 helps 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. Students might learn about the way humans process memories or how decisions and judgements are made from leading experts in those areas of 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. City's expertise in Health Economics means that students can choose specialist modules with academic staff who explore the impact of global health policies on vulnerable populations. The Department of Sociology is responsible for the European Social Survey, which measures the attitudes, beliefs and behaviour of diverse populations in more than thirty nations: academic staff involved in the survey are shaping new and rigorous research methods in the discipline. 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 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 Arts & Social Sciences:

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 in microeconomics and macroeconomics and quantitative methods together with the opportunity to specialise in such areas 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 International Politics graduates are of direct relevance to a wide range of professions, including those in teaching, research, the Civil Service, media communications, journalism, international organisations, non-governmental organisations, international finance and the private sector. A new BSc (Hons) International Political Economy course is available as an option for students looking to study at City.

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

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

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 communicate and interact socially, how we behave and misbehave and how we can sometimes make mistakes. Successful Psychology degree students possess strong quantitative, analytical and independent thinking skills. They communicate effectively in writing and in presentations 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 analytical, writing and communication skills that are prized by employers in a range of industries. A new BSc (Hons) Criminology course is available as part of our Sociology offering this year.

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 full-time.

Entry requirements

Typical offers require one of the following:

'A' Level

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

IB

33 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.

TOEFL: 100 internet-based total.

It 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 methods.

Elective modules include:

- Sociology in action
- History and theory of psychology
- Foundations in sociology
- Media, history and politics
- Contemporary issues in media studies.

Year two

Core modules include:

- Violence and criminal justice policy
- Sociology of punishment
- Key issues in criminology
- Gender, crime and justice
- Quantitative analysis of social research data
- Ethnographic explorations.

Elective modules include:

- Political scandals and the media
- Gender and society
- Broken Britain
- Sociology of race and racism
- Contemporary social theory
- Developmental psychology
- Personality and differential psychology.

Year three

Core modules include:

- Criminology dissertation
- Crime, news and criminal justice
- Forensic criminology
- Policing and crime control
- Victimology
- Youth, crime and society.

Elective modules include:

- Leisure, power, control
- Identities and personal relationships
- Understanding social change
- International criminal law.

Enquiries

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

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

Other courses you may like

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



Dr Carrie-Anne Myers
Lecturer in Sociology and
Criminology

Dr Carrie-Anne Myers joined City in 2006. After completing an Economic and Social Research (ESRC)-funded PhD at LSE on School Violence and Bullying, she spent two years at the University of Surrey as a Post Doctoral Research Fellow in the UK Observatory for the Promotion of Non-Violence. She has taught at undergraduate and Masters level at Brunel University, Goldsmiths, University of London, LSE and the University of Surrey and has been instrumental in building the Criminology pathway at City University London. She has research specialisms in the following areas: youth crime, violence and bullying, victims and victimology, gender and feminist criminology; and she has published extensively on these topics.

www.city.ac.uk/carrie-myers

Criminology and Sociology

BSc (Hons)

This joint programme 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 professional placement.

Entry requirements

Typical offers require one of the following:

'A' Level

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

IB

33 points.

In addition, the following is required:

GCSE

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

English language requirements

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

TOEFL: 100 internet-based total.

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 twenty first 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, together with 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.

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

Course structure

Year one

Core modules include:

- Criminology
- Criminal justice
- Foundations in sociology
- Sociology in action
- Research methods.

Elective modules include:

- Media, history and politics
- Contemporary issues in media studies
- Introduction to political economy
- Politics and power in the twentieth century
- Language module.

Year two

Core modules include:

- Violence and criminal justice policy
- Sociology of punishment
- Quantitative analysis of social research data
- Ethnographic explorations.

Elective modules include:

- Gender and society
- Broken Britain
- Sociology of race and racism
- Class and culture
- News and society
- Classical social theory
- Key issues in criminology
- Gender, crime and justice
- Contemporary social theory
- New media challenges
- Circuits of culture.

Year three

Core module:

- Sociology dissertation.

Core elective modules include:

- Victimology
- Youth, crime and society
- Crime, news and criminal justice
- Policing and crime control.

Elective modules include:

- Work and workers in the twenty first century
- Identities and personal relationships
- Understanding social change
- Food and society
- Sociology of contemporary Europe
- Global migration processes
- Leisure, power, control
- Television and sport.

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 a variety of professions, as well as 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, as well as 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 Studies and Sociology
- BSc (Hons) Sociology
- BSc (Hons) Sociology with Psychology.



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 plus one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.
IB 33 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.
TOEFL: 100 internet-based total.
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 point of the cultural industries
- Explore questions of power, policy and practice
- Undertake hands-on cultural production through a range of elective choices
- Consider the workings and geographies of the local and global cultural industries
- Have the opportunity to undertake work placements.

Year one

In the first year, students explore a wide range of approaches, both theoretical and practical, 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. Students take the following core modules and a choice of practical and/or theoretical electives.

Core modules include:

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

As part of an international collaboration, some students from Shanghai Theatre Academy join the programme 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
- The international marketing of culture.

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.

Other courses you may like

- BMus (Hons) Music.



Dr Dave O'Brien
Lecturer

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

www.city.ac.uk/dave-obrien

Economics

BSc (Hons)

This degree is flexible and provides a range of future career and study choices. The structure and content of the degree have been designed 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 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 plus one 'AS' level. Other qualification combinations achieving 340 UCAS tariff points will be considered.

IB

34 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.

TOEFL: 100 internet-based total.

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
- Mathematics for economists
- 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, 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.



Professor Michael Ben-Gad
Professor of Economics

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

www.city.ac.uk/michael-ben-gad

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 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 plus one 'AS' Level. Other qualification combinations achieving 340 UCAS tariff points will be considered.

IB

34 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.

TOEFL: 100 internet-based total.

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
- Mathematics for economists.

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.

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 includes:

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

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

Enquiries

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

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

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 programme and award a range of exemptions from professional accountancy examinations. 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.

Other courses you may like

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

Professor Klaus G. Zauner 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 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 plus one 'AS' Level. Other qualification combinations achieving 340 UCAS tariff points will be considered.

IB

34 points, 5 in higher Mathematics.

In addition, the following is required:

GCSE

English Language at grade B (or equivalent).

English language requirements

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

TOEFL: 100 internet-based total.

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
- Mathematics for economists
- Topics in applied macroeconomics
- Topics in applied microeconomics.

Year two

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

Core modules 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) Financial Economics.



Dr Laura Delaney
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 placement.

Entry requirements

Typical offers require one of the following:

'A' Level

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

IB

33 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.

TOEFL: 100 internet-based total.

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 teaching 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 training 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 twenty first century: trends and challenges
- 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 module includes:

- International Political Economy project.

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

Enquiries

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

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 Political Economy with Integrated Professional Training.

Career opportunities

This degree is designed to meet increasing student demand for an interdisciplinary programme that prepares graduates for both the public and the private job markets. Students will benefit from City's competitive advantage in the area of IPE and the Department's close links to businesses, institutions and think tanks. Graduates will be 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.



Dr Anastasia Nesvetailova
Reader in International Politics

Dr 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 professional placement.
Entry requirements	Typical offers require one of the following: 'A' Level 320 UCAS tariff points. Typically gained from 'A' Level grades ABB or BBB plus one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered. IB 33 points. In addition, the following is required: GCSE English Language and Mathematics or Statistics at grade C (or equivalent).
English language requirements	IELTS: 6.5 overall with a minimum of 6.0 in each component. TOEFL: 100 internet-based total.
Enquiries	E: socsciug@city.ac.uk T: +44 (0) 20 7040 8521

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

Course structure

Year one

The first year introduces competing theories of international politics and global political economy and how power has transformed in the twentieth and twenty first centuries.

Core modules include:

- Introduction to political economy
- The making of the modern world economy
- Politics and power in the twentieth century
- Emerging powers/emerging issues
- 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
Course Director

Dr Tom Davies joined the Department of International Politics in 2007. His principal research interests are international non-governmental organizations, 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 Organizations. 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.
Entry requirements
Typical offers require one of the following:
'A' Level
320 UCAS tariff points. Typically gained from 'A' Level grades ABB or BBB plus one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.
IB
33 points.
In addition, the following is required:
GCSE
English Language and Mathematics or Statistics at grade C (or equivalent).
English language requirements
IELTS: 6.5 overall with a minimum of 6.0 in each component.
TOEFL: 100 internet-based total.
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 not only intergovernmental relations but also 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 twentieth and twenty first 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
- Sociology in action
- Introduction to sociology
- Exploring London
- Understanding the modern world.

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 placement 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 6.5 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
- Introduction to British media
- Introduction to journalism
- Politics and current affairs
- Foreign language.

Year two

Core modules include:

- Multimedia production
- Journalism skills
- 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, British political scandals and Shorthand.

Year three

Core modules include:

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

Third year elective modules include International news, Reporting conflict, Advanced photo journalism, Reporting the environment, Arts and culture and 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 paid 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, Spain and the United States.

Career opportunities

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



Professor Suzanne Franks
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: a forthcoming book, entitled *Reporting Disasters: Famine, Aid, Politics and the Media*, takes the reporting of the Ethiopian Famine in 1984-85 as its starting point for an exploration of how the media can affect public opinion, policy-making and aid. Professor Franks has also published widely on themes including political communication, trust in the British media and the history of the BBC.

www.city.ac.uk/suzanne-franks

Media Studies and Sociology

BSc (Hons)

This joint degree focuses on an institution that is central to the way our society functions: the media. It examines the way news media and cultural industries work and how they relate to and impact on social issues such as crime, gender, identity, politics and the economy.

UCAS code

PL33

Duration

3 years or 4 years with a professional placement.

Entry requirements

Typical offers require one of the following:

'A' Level

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

IB

33 points.

In addition, the following is required:

GCSE

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

English language requirements

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

TOEFL: 100 internet-based total.

Enquiries

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

The BSc (Hons) Media Studies 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 twenty first 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, together with a range of other transferable skills.

A particular strength of the BSc (Hons) Media Studies 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.

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

Course structure

Year one

Core modules include:

- Media, history and politics
- Contemporary issues in media studies
- Foundations in sociology
- Sociology in action
- Research methods.

Elective modules include:

- Exploring London
- Criminology
- Criminal justice
- Introduction to political economy
- Politics and power in the twentieth century
- Language.

Year two

Core modules include:

- News and society
- New media challenges
- Quantitative analysis of social research data
- Ethnographic explorations.

Elective modules include:

- Circuits of culture
- Gender and society
- Broken Britain
- Sociology of race and racism
- Class and culture
- Classical social theory
- Contemporary social theory
- Sociology of punishment
- Key issues in criminology.

Year three

Core module:

- Sociology dissertation.

Core elective modules include:

- Understanding global media flows
- Television and sport
- Crime, news and criminal justice
- New media: cyberspace.

Elective modules include:

- Leisure, power, control
- Work and workers in the twenty-first century
- Identities and personal relationships
- Understanding social change
- Food and society
- Sociology of contemporary Europe
- Global migration processes.

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 a variety of professions, as well as 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
BSc (Hons) Media Studies
and Sociology, first year

I joined City this 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.



Professor Jean Chalaby
Head of Department of Sociology

Professor Jean Chalaby is Head of the Department of Sociology at City University London. His early career research focused on historical and comparative sociology, publishing notably *The Invention of Journalism* (1998, Macmillan) and *The de Gaulle Presidency and the Media: Statism and Public Communications* (2002, Palgrave Macmillan). For the past decade, his work has focused on international communication and the global remapping of media spaces, editing *Transnational Television Worldwide* (I.B. Tauris) and launching the MA Transnational Media & Globalisation in 2005. Professor Chalaby has published in excess of 50 single-authored publications, most of which in the leading academic journals of his field. He regularly delivers papers abroad and has frequently been invited as guest speaker at seminars and colloquia across Europe.
www.city.ac.uk/jean-chalaby

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
340 UCAS tariff points, including Music 'A' Level grade B and a recognised performance qualification. Typically met by achieving ABB or BBB and at least a pass at Grade 7 in a practical music qualification. Other qualification combinations will also be considered.
IB
34 points, 6 in higher Music plus 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 the writing component and 5.5 in all other components.
TOEFL: 87 internet-based total.
Special entry requirements
Grade 7 practical music examination or demonstration of an equivalent standard.
Enquiries
E: music@city.ac.uk T: +44 (0) 20 7040 0223

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

It allows students to immerse themselves in every aspect of music, providing education, training 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. There are excellent graduate prospects, exceptional academics and outstanding facilities in a central London location.

Course structure

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

Year one

Solo and ensemble performance:

- All students entering the programme with Grade 8 practical music examination or an equivalent standard can choose to receive up to 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.

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

In addition, there are opportunities to study abroad through the Erasmus 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/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, 85 per cent of Music graduates were in employment or further study six months after graduation (UniStats, 2012).

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.

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

35 points.

In addition, the following is required:

GCSE

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

English language requirements

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

TOEFL: 100 internet-based total.

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 including reflection of 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 training in psychology at postgraduate level. The course achieved outstanding results in the 2013 National Student Survey for overall student satisfaction and with 26 academic staff, there is an excellent student/staff ratio.

Course structure

Year one

The first year covers the main areas of psychology: cognition, development, biology and the history of psychological theories. In addition, a specialist module focuses on the training and skills needed to pursue a degree and a career as a professional psychologist.

Core modules 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 accreditation.

Core modules include:

- Biological psychology
- Memory and action (cognitive psychology 1)
- Perception and reasoning (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:

- Abnormal and clinical psychology
- Approaches to autism
- Coaching psychology: theory, research and practice
- Cognitive development
- Concepts and categorisation
- Subjective well-being
- Health psychology
- Introduction to counselling psychology
- Judgment and decision making
- Memory and the law
- Normal and disordered word processing
- Organisational psychology
- Programming tools for psychologists
- Psychological illnesses, brain damage and dreams
- Social perception
- The psychology of time
- 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
- 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 working, for example, in schools, charities, the NHS and the Crown Prosecution Service.

Accreditation

City's BSc (Hons) Psychology, accredited by the British Psychological Society, comprises the first stage of being a windowed Chartered Psychologist.

Other courses you may like

- BSc (Hons) Sociology with Psychology.



Nicole Rahimzadeh
BSc (Hons) Psychology,
second 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. At the moment my favourite module is Social Psychology: we're exploring different theories to explain social behaviour. 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.



Dr Tina Forster
Course Director

Alongside her role as Course Director for the BSc (Hons) Psychology, Dr Tina Forster is also Head of the Cognitive Neuroscience Research Unit at City, which is renowned for the research it carries out using neuroimaging (especially Electroencephalography, or EEG) and transcranial magnetic stimulation (TMS). Dr Forster is particularly interested in the brain processes that underlie perception of our bodily self. By using non-invasive EEG to track changes of electrical signals elicited in the brain, Dr Forster's research provides insight into the neural correlate of perceptual processes when we are touched considering the influence of seeing or moving our body, expectations and social cues.

www.city.ac.uk/tina-forster

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 professional placement.

Entry requirements

Typical offers require one of the following:

'A' Level

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

IB

33 points.

In addition, the following is required:

GCSE

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

English language requirements

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

TOEFL: 100 internet-based total.

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 twenty first 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, together with 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 programme 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:

- Foundations in sociology
- Sociology in action
- Exploring London
- Research methods.

Elective modules include:

- Media, history and politics
- Contemporary issues in media studies
- Criminology
- Criminal justice
- Introduction to political economy
- Politics and power in the twentieth century
- Language.

Year two

Core modules include:

- Classical social theory
- Contemporary social theory
- Quantitative analysis of social research data
- Ethnographic explorations.

Elective modules include:

- Gender and society
- Broken Britain
- Sociology of race and racism
- Class and culture
- News and society
- Violence and criminal justice policy
- Sociology of punishment
- New media challenges
- Circuits of culture
- Key issues in criminology
- Gender, crime and justice.

Year three

Core module:

- Sociology dissertation.

Core elective modules include:

- Work and workers in the twenty-first century
- Identities and personal relationships
- Understanding social change
- Food and society.

Elective modules include:

- Sociology of contemporary Europe
- Global migration processes
- Leisure, power, control
- Crime, news and criminal justice
- Television and sport
- New media: cyberspace
- Victimology
- Youth, crime and society.

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 a variety of professions, as well as 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 Studies and Sociology
- BSc (Hons) Sociology with Psychology.



Dr Rachel Lara Cohen
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 professional placement.
Entry requirements
Typical offers require one of the following:
'A' Level 320 UCAS tariff points. Typically gained from 'A' Level grades ABB or BBB plus one 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.
IB 33 points.
In addition, the following is required:
GCSE English Language and Mathematics or Statistics at grade C (or equivalent).
English language requirements
IELTS: 6.5 with a minimum of 6.0 in each component.
TOEFL: 100 internet-based total.
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, as well as 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, together with a range of other transferable skills.

Course structure

Year one

Core modules include:

- Foundations in sociology
- Sociology in action
- Research methods.

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:

- Classical social theory
- Contemporary social theory
- Quantitative analysis of social research data
- Ethnographic explorations.

Elective modules include:

- Biological psychology
- Developmental psychology
- Social psychology
- Personality and differential psychology
- Gender and society
- Broken Britain
- Sociology of race and racism
- Class and culture
- News and society
- Sociology of punishment
- New media challenges
- Gender, crime and justice.

Year three

Core module:

- Sociology dissertation.

Core elective modules:

- Identities and personal relationships
- Work and workers in the twenty first century
- Understanding social change.

Elective modules include:

- Concepts and categorisation
- Approaches to Autism
- Memory: trends and issues
- Judgement and decision making
- Food and society

- Sociology of contemporary Europe
- Global migration processes
- Leisure, power, control
- New media: cyberspace
- Youth, crime and society.

A particular strength of the BSc (Hons) Media 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.

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 a variety of professions as well as 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 Studies and Sociology
- BSc (Hons) Psychology
- BSc (Hons) Sociology.



Sumayya Janmohamed
BSc (Hons) Sociology with Psychology, second 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 has helped me focus on applying for placements this summer. 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 Carolyn Vogler
Reader in Sociology

Dr Carolyn Vogler began her sociological career at the University of Essex, working on a major international comparative study of social class in a wide range of advanced countries (*Social Class in Modern Britain*, 1988). In 1985 she moved to the University of Oxford, to co-ordinate a major project on how economic change affects employment, family and community in Britain.

Since joining City University London in 1990, Dr Vogler has explored how economic, political and cultural trends towards globalisation are underpinned by unconscious psychological processes that reinforce exclusionary, national, sectional and religious identities, thus undercutting forces promoting more inclusive forms of identity at the broader transnational and global levels. More recently, Dr Vogler has been building on research into the issue of money, power and inequality within intimate relationships. For example, one of the key themes she examines relates to similarities and differences between married and cohabiting couples and specifically the differences between approaches to money management.

www.city.ac.uk/carolyn-vogler

Cass Business School



Tereza Drimalova
BSc (Hons) Business Studies,
first year

I'm only in my first year, but I've already started thinking about my future: there is a real emphasis on career planning at City. I'm applying for summer internships at the moment and I also plan to undertake a work placement between my second and third years. So far, I've particularly enjoyed working with other students on group projects: there's a real team spirit and we're an international group, so we learn about business in many different cultures.

Jiajun Loke
BSc (Hons) Actuarial Science,
second year

City has a long history of educating actuaries and that was one factor in my decision to apply here. The academic staff are really excellent: most of them are qualified actuaries and their professional experience is reflected in our course material, which has a strong emphasis on real-life issues and commercial awareness. After I graduate, I plan to become an actuarial consultant: it's helpful that my degree will grant me exemptions from some of the professional examinations I will be required to take.

The Sir John Cass Business School has been at the forefront of business education for almost 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).

Degrees offered	
Accounting and Finance BSc (Hons)	68
Actuarial Science BSc (Hons)	70
Banking and International Finance BSc (Hons)	72
Business Studies BSc (Hons)	74
Investment and Financial Risk Management BSc (Hons)	76
Management BSc (Hons)	78

Cass offers undergraduate degrees in four areas: Accounting & Finance; Actuarial Science; Banking, Finance & Investment; and Business & Management. The Cass undergraduate community is comprised of almost 2,000 students from around 100 countries, creating a vibrant mix of cultures and perspectives. The School's state-of-the-art facilities, renovated in 2013, further enhance a unique environment for studying, socialising and building your professional network.



Mona Yue
BSc (Hons) Management,
first year

I've tried to get involved in as many different activities this year as possible: I'm a member of several societies related to my studies, including the Cass Trading Society and the Cass Consultancy Society, but I've also made time to play volleyball and participate in the Drama Society. In the future, I hope that my degree will lead to a career in which I can balance my creative interests with my skills in management and business.

Hear more about Mona's experience at Cass by visiting www.city.ac.uk/ug2015/mona.

Ngaakudzwe Gандure
BSc (Hons) Banking and Finance,
first year

I'm from Harare, Zimbabwe and meeting so many other international students has definitely been one of the highlights of my time here. In terms of my course, the fact that our lectures and seminars are so relevant to the real world is something that I really like: I am able to open the *Financial Times* and see examples of the sort of material we have been learning about. My advice to future students? Take advantage of all the opportunities the University offers. You never know which one might change your life!

Preparing for the future

A degree from Cass would be a well-respected addition to your cv. Cass has been ranked 1st in London and 4th in the UK for our undergraduate courses in business, management and finance by *The Guardian University Guide* from 2008 to 2014.

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 have the option 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 also have the option 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, or 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.

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 in fields relevant to their studies upon graduation.

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.

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.

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 scientific 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, often categorised as planning, organising, leading and controlling, covers a range of activities and skills students can use to understand how people within an organisation work together, what an organisation is setting out to achieve, the constraints on it and strategies for effective teamwork and sound communication. Management science covers techniques, mostly quantitative, that can be used to support managers; for example the analysis of decisions and the evaluation of risk.

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.

Accounting and Finance

BSc (Hons)

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

UCAS code
NN43
Duration
3 years.
With optional 4 year sandwich – professional work placement or studying abroad (to be selected in year two of study).
Entry requirements
Typical offers require one of the following:
'A' Level AAA with Maths or a quantitative Science as one 'A' Level.
IB 35 points overall 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.
TOEFL: 100 internet-based total with a minimum of 23 in all sections.
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 a variety of levels as extra-curricular courses: please visit our website for more information, www.cass.city.ac.uk/courses/undergraduate.

Opportunities for work placements and study abroad

The BSc (Hons) Accounting and Finance degree is available as a three or four year degree for those who wish to undertake a one year work placement. Cass Business School has links with many leading accountancy and finance firms and former students have undertaken placements at companies such as Deloitte, EY, Goldman Sachs, ICAP, KPMG and PricewaterhouseCoopers. Work placements enable students to network with professionals and gain valuable work experience.

Students on this degree can choose to spend a year abroad at one of our prestigious partner institutions, including ESSEC Business School, France and the University of Illinois at Urbana-Champaign, United States. 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 BSc (Hons) Accounting and Finance is supported by the Institute of Chartered Accountants in England and Wales (ICAEW) and has been designed so that students who meet the relevant criteria can achieve maximum exemptions or credit for prior learning from the ICAEW's Chartered Accountant qualification (ACA). 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).



Dr Danielle Lyssimachou
Course Director

Dr Danielle Lyssimachou is a Senior Teaching Fellow in Accounting and Course Director of the BSc (Hons) Accounting & Finance. She is also an Honorary Professor 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.

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 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, statistics and information technology.

UCAS code	G322
Duration	3 years.
	With optional 4 year sandwich – professional work placement or studying abroad (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 overall 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. TOEFL: 100 internet-based total with a minimum of 23 in all sections.
Enquiries	E: cassug@city.ac.uk T: +44 (0) 20 7040 4040

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

Course structure

Year one

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

Year two

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

Year three

In the final year, four core modules allow students to develop an in-depth understanding of actuarial and statistical subjects, while a wide range of electives 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 a variety of levels as extra-curricular courses: please visit our website for more information, www.cass.city.ac.uk/courses/undergraduate.

Opportunities for work placements and study abroad

Students enjoy a wide range of professional placement opportunities in areas such as corporate insurance and risk management, actuarial investment pricing and capital management. Students have recently taken up placements with leading employers including Aviva, Friends Life, HSBC Life and Pensions, Legal & General, Munich Re and Willis.

Students on this degree can choose to spend a year abroad at one of our prestigious partner institutions, including the Chinese University of Hong Kong, China and the University of Waterloo, 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
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 optional routes, to be selected in year one or year two of study:
3 years, with a replacement year two studying abroad.
4 year sandwich, with a professional work placement or studying abroad.
Entry requirements
Typical offers require one of the following:
'A' Level AAA.
IB 35 points overall including 6 in all Higher Level subjects and 5 in all Standard Level subjects. One bonus point allowed.
In addition, the following is required:
GCSE English Language grade C and Mathematics grade A (or equivalent). We will consider applications with Mathematics grade B if one of the 'A' Level subjects is Accounting, Chemistry, Economics, Mathematics or Physics.
English language requirements
IELTS: 6.5 overall with a minimum of 6.0 in each component.
TOEFL: 100 internet-based total with a minimum of 23 in all sections.

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, law and programming languages.

Course structure

Year one

Five core modules provide a strong foundation in different aspects of financial markets, 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 and computing skills. Students can also choose one elective module.

Core modules include:

- Foundations of economics for finance
- Introduction to banking and financial intermediation
- Introduction to finance
- Introduction to financial accounting
- Introduction to statistics.

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 a variety of levels as extra-curricular courses: please visit our website for more information, www.cass.city.ac.uk/courses/undergraduate.

Opportunities for work placements and study abroad

Cass Business School has established relationships with a variety of leading financial firms. Former students have undertaken placements at organisations including American Express, the Bank of England, Citi, KPMG, Morgan Stanley and Nomura.

Students on this degree can choose 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. 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 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 BNP Paribas, JP Morgan, Lloyds Banking Group and Morgan Stanley.

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 for 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

BSc (Hons) Banking and International Finance, third year

After attending an Open Day and chatting to the Course Director, it wasn't a difficult decision to apply for the BSc (Hons) Banking and International Finance: 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 here has been the wide variety of guest speakers who visit Cass – 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
Course Director

Dr Maria Carapeto is a Senior Teaching Fellow in Finance 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

Enquiries

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Business Studies

BSc (Hons)

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

UCAS code	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 variety of international and global issues and prepares students for the changing needs of the labour market.	Year two Year two develops students' knowledge of basic business functions as well as the concepts and analytical tools of business and management.
Duration	With optional routes, to be selected in year one or year two of study: 3 years, with a replacement year two studying abroad. 4 year sandwich, with a professional work placement or studying abroad.	Core modules include: <ul style="list-style-type: none">• 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 seventeen.
Entry requirements	Typical offers require one of the following: 'A' Level AAA. IB 35 points overall including 6 in all Higher Level subjects and 5 in all Standard Level subjects. One bonus point allowed. In addition, the following is required:	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.
GCSE	English Language grade C and Mathematics grade A (or equivalent). We will consider applications with Mathematics grade B if one of the 'A' Level subjects is Accounting, Chemistry, Economics, Mathematics or Physics.	Core modules include: <ul style="list-style-type: none">• Introduction to microeconomics• Financial mathematics and business statistics• Introduction to financial accounting for business• Functions of organisations: concepts, understanding and strategy (FOCUS)• Management practice and skills. Students also choose one elective module from a selection of seven.
English language requirements	IELTS: 6.5 overall with a minimum of 6.0 in each component. TOEFL: 100 internet-based total with a minimum of 23 in all sections.	Year three In the final year, students study two core modules. Core modules include: <ul style="list-style-type: none">• Strategy for business• Final year project. Students also choose five elective modules from a selection of twenty. Students specialising in Finance take modules in Corporate finance and Financial services regulation, while students specialising in Marketing choose two modules from a selection including Applied market research, Contemporary topics in marketing, Strategic marketing, Branding and advertising and Social media theory and practice.

We offer six language options at a variety of levels as extra-curricular courses: please visit our website for more information, www.cass.city.ac.uk/courses/undergraduate.

Opportunities for work placements and study abroad

BSc (Hons) Business Studies students have recently completed placements at a range of organisations including the Bank of England, Bentley Motors Ltd, Dior, IBM, Morgan Stanley, Nintendo, Unicef, Universal Pictures and Warner Bros.

Students on this degree can choose 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 University of Illinois at Urbana-Champaign, United States. 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 variety of business disciplines, including finance, marketing, operations and human resources. Many students also establish their own start-up 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). The Marketing specialisation can lead to direct entry to stage three of the Chartered Institute of Marketing Postgraduate Diploma in Marketing.

Other courses you may like

- BSc (Hons) Management.



Priyatam Sogani
BSc (Hons) Business Studies,
first 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. In terms of my degree, I particularly enjoy the Management practice and skills module we're taking at the moment.



Dr Joanna Zaleska
Course Director

Dr Joanna Zaleska is a senior lecturer with responsibility for undergraduate and executive MBA education in London and Dubai. She leads courses including Human Resource Management (HRM), International Human Resource Management (IHRM), Cultural Intelligence (an elective in comparative OB and cross-cultural management) and Business Research Practice in London.

Dr Zaleska received her PhD in International Management from the University of Kent as a fellow of European Commission Programme (Market Access Europe). Before joining Cass Business School she was a research fellow at The Leading Edge Research Consortium in London Business School and her work focused on the alignment of business strategies with HRM. Her research interest centres on organisational justice of HR procedures, International HRM and cross-cultural management as well as skills of doing business in emerging market economies.

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Enquiries

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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 optional routes, to be selected in year one or year two of study:
3 years, with a replacement year two studying abroad.
4 year sandwich, with a professional work placement or studying abroad.
Entry requirements
Typical offers require one of the following:
'A' Level AAA.
IB 35 points overall including 6 in all Higher Level subjects and 5 in all Standard Level subjects. One bonus point allowed.
In addition, the following is required:
GCSE English Language grade C and Mathematics grade A (or equivalent). We will consider applications with Mathematics grade B if one of the 'A' Level subjects is Accounting, Chemistry, Economics, Mathematics or Physics.
English language requirements
IELTS: 6.5 overall with a minimum of 6.0 in each component.
TOEFL: 100 internet-based total with a minimum of 23 in all sections.

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

Course structure

Year one

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

Core modules include:

- Financial markets institutions and instruments
- Foundations of economics for finance
- Introduction to financial accounting.

Year two

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

Core modules include:

- Security analysis
- Portfolio theory and 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 and 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 a variety of levels as extra-curricular courses, please visit our website for more information, www.cass.city.ac.uk/courses/undergraduate.

Opportunities for work placements and study abroad

Cass Business School has established relationships with a variety of leading financial firms. Former BSc (Hons) Investment and Financial Risk Management students have taken placements at GE Money, Goldman Sachs, HSBC, and UBS.

Students on this degree can choose to spend a year abroad at one of our prestigious partner institutions, including Bocconi University, Italy, The Robert H. Smith School of Business, the University of Maryland, United States and the Richard Ivey School of Business, University of Western Ontario, Canada. 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 as well as 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
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 Gross Domestic Product. At Cass Business School, Dr Staikouras is Course Director for the BSc (Hons) Investment and Financial Risk Management.

www.city.ac.uk/sotiris-staikouras

Enquiries

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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 optional routes, to be selected in year one or year two of study:
	3 years, with a replacement year two studying abroad.
	4 year sandwich, with a professional work placement or studying abroad.
Entry requirements	Typical offers require one of the following:
'A' Level	AAA.
IB	35 points overall including 6 in all Higher Level subjects and 5 in all Standard Level subjects. One bonus point allowed.
	In addition, the following is required:
GCSE	English Language grade C and Mathematics grade A (or equivalent). We will consider applications with Mathematics grade B if one of the 'A' Level subjects is Accounting, Chemistry, Economics, Mathematics or Physics.
English language requirements	IELTS: 6.5 overall with a minimum of 6.0 in each component. TOEFL: 100 internet-based total with a minimum of 23 in all sections.

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

Course structure

Year one

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

Core modules include:

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

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 four elective modules from a wide range of options.

Core modules include:

- Business modelling and simulation
- 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. 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:

- Decision analysis and forecasting
- Applied systems thinking
- Supply chain and logistics management
- Final year project.

We offer six language options at a variety of levels as extra-curricular courses: please visit our website for more information, www.cass.city.ac.uk/courses/undergraduate.

Opportunities for work placements and study abroad

Each year, BSc (Hons) Management students secure placements with a variety of financial firms, business-to-business companies and consultancies, including Accenture, EY, GlaxoSmithKline, Microsoft, PricewaterhouseCoopers and Xerox. Many students who take placements use their placement experience as a basis for the final year project that they undertake once they have returned to university.

Students on this degree can choose to spend a year abroad at one of our prestigious partner institutions, including Singapore Management University, Singapore, IE-Business School, Madrid/Segovia, Spain and Sauder School of Business, the University of British Columbia, Canada. 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
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.

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Enquiries

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School of Health Sciences



Sanjay Bhatti
BSc (Hons) Optometry,
third year

Studying at City has fuelled my passion for my subject and my ambition for once I qualify. I am the president of the Optometry Society and we host a range of social events and learning support. The open mic night is one of my favourite events – it just shows how many of the optometry students have other talents! If you choose City you will be studying in one of the most famous cities in the world. It's famous for a reason, so my advice would be to get out and explore.

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.



Rhiannon McCalmot
BSc (Hons) Child Nursing,
third year

Studying at City has helped to build my confidence and I have met some great, supportive friends along the way. City has a good reputation within the field of nursing and I love the excitement of living in London. After I complete my course, I plan to train as a Health Visitor, here at City.



Rumbidzai Mutenga
BSc (Hons) Midwifery,
second year

I chose City because everyone was so kind and welcoming. I love the social events offered at City, particularly the Boat Ball – I have been for the past two years! Midwifery at City is highly regarded and I like the way the placements have been structured. It also opens up a lot of opportunities; I hope to be employed by the Trust where I am currently on placement.

Visit www.city.ac.uk/ug2015/rumbidzai to hear more about her time at City.



Degrees offered

Adult Nursing BSc (Hons)	84
Child Nursing BSc (Hons)	86
Mental Health Nursing BSc (Hons)	88
Midwifery BSc (Hons)	90
Optometry BSc (Hons)	92
Radiography (Diagnostic Imaging) BSc (Hons)	94
Radiography (Radiotherapy and Oncology) BSc (Hons)	96
Speech and Language Science BSc (Hons)	98
Speech and Language Therapy BSc (Hons)	100

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 within Bart's 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.



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 therapy clinic. 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% moving into employment or further study within six months of graduation.

Research excellence at the School of Health Sciences

Academic staff at the School of Health Sciences conduct world-leading research in areas across our undergraduate study disciplines. Students in the field of language and communication science may learn from academic 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 gestures. In the fields of nursing and midwifery, our academic 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, while Radiographers work with academic staff who have explored the side effects of radiotherapy and worked to educate radiotherapists on the need to address these effects.

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 rewarding 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 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.

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. Typically BBB at 'A2' Level. 'A' or 'AS' Levels in Biological Science, Social Sciences and Health and Social Care are preferred.
IB 32 points.
Access to HE Diploma Nursing, Midwifery, Health or Social Care subject.
BTEC DDM (Health and Social Care or Science-related subject only).
In addition, the following is required:
GCSE 5 GCSEs at grade C (or equivalent), including English Language and Mathematics.
English language requirements
IELTS: 7 overall with a minimum of 7.0 in each component.
TOEFL: 110 internet-based total.
Additional requirements
Students are required to have occupational health and enhanced disclosure and barring service clearance. Academic and character references are also required.

Students combine theoretical study with clinical experience in a range of settings working with London's diverse populations in leading hospitals and community settings. Facilities 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 primary 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. The Clinical Skills Online (CSO) resource provides step-by-step video demonstrations on clinical skills.

Assessment includes written reports, reflective essays, group presentations and multiple choice 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, Homerton University Hospital NHS Foundation Trust and 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 life-long 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.



Ms Melissa Chamney
Programme Manager

Ms 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 health care professionals, patients and carers collaborate to improve education in health settings.

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Enquiries

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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	<p>Typical offers require one of the following:</p> <p>'A' Level 300 UCAS tariff points, with at least 200 gained at A2. Typically BBB at 'A2' Level. 'A' or 'AS' Levels in Biological Sciences, Social Sciences and Health and Social Care are preferred.</p> <p>IB 32 points.</p> <p>Access to HE Diploma Nursing, Midwifery, Health or Social Care subject.</p> <p>BTEC DDM (Health and Social Care or Science-related subject only).</p> <p>In addition, the following is required:</p> <p>GCSE 5 GCSEs at grade C (or equivalent), including English Language and Mathematics.</p> <p>English language requirements</p> <p>IELTS: 7 overall with a minimum of 7.0 in each component.</p> <p>TOEFL: 110 internet-based total.</p> <p>Additional requirements</p> <p>Students are required to have occupational health and enhanced disclosure and barring service clearance. Academic and character references are also required.</p>

Children's nurses need to be versatile and resilient as they care for children with acute or long-term health problems, mental ill-health or special needs or 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 primary degree, City also offers a two year fast-track Postgraduate Diploma in Child 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. The Clinical Skills Online (CSO) resource provides step-by-step video demonstrations on clinical skills.

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. 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 and The London Children's Hospital, University College London Hospitals NHS Foundation Trust and Homerton University Hospital 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 life-long 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).

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.



Ms Ursula Smith
Programme Manager

Ms Ursula Smith is a Senior Lecturer in the Early Years Division and the Programme Manager for the BSc (Hons) Child Nursing. Before joining City University London in 1999, Ms Smith worked in a variety of roles in the public, private and voluntary sector specialising in HIV and palliative care. She has held positions including Manager of Residential Services at Lighthouse West London, a renowned HIV-specific organisation; Charge Nurse and Ward Manager. She leads modules including Critical and reflective practice and People and personal development.
www.city.ac.uk/ursula-smith

Enquiries

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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. Typically BBB at 'A2' Level. 'A' or 'AS' Levels in Biological Sciences, Social Sciences and Health and Social Care are preferred.
IB 32 points.
Access to HE Diploma Nursing, Midwifery, Health or Social Care subject.
BTEC DDM (Health and Social Care or Science-related subject only).
In addition, the following is required:
GCSE 5 GCSEs at grade C (or equivalent), including English Language and Mathematics.
English language requirements
IELTS: 7 overall with a minimum of 7.0 in each component.
TOEFL: 110 internet-based total.
Additional requirements
Students are required to have occupational health and enhanced disclosure and barring service clearance. Academic and character references are also required.

Students combine theoretical study with clinical experience working with London's diverse populations in leading hospitals and community settings. Facilities 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 primary 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 life-long 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.



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

Enquiries

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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	<p>Typical offers require one of the following:</p> <p>'A' Level 320 UCAS tariff points, with at least 220 gained at A2. Typically ABB at 'A2' Level. 'A' or 'AS' Levels in Biological Sciences, Social Sciences and Health and Social Care are preferred.</p> <p>IB 33 points.</p> <p>Access to HE Diploma Nursing, Midwifery, Health or Social Care subject.</p> <p>BTEC DDM (Health and Social Care or Science-related subject only).</p> <p>In addition, the following is required:</p> <p>GCSE 5 GCSEs at grade C (or equivalent), including English Language and Mathematics.</p> <p>English language requirements</p> <p>IELTS: 7 overall with a minimum of 7 in each component.</p> <p>TOEFL: 110 internet-based total.</p> <p>Additional requirements</p> <p>Students are required to have occupational health and enhanced disclosure and barring service clearance. Academic and character references are also required.</p>

BSc (Hons) Midwifery students benefit not only from a 120 year history in educating midwives (as the St Bartholomew School of Nursing and Midwifery), but also from facilities including the Clinical Skills Centre, with its state-of-the-art laboratories where students can rehearse practical 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:

- An introduction to professional midwifery
- Developing skills for caring in normal midwifery practice (practice experience)
- Introduction to human biology
- Midwifery and healthy communities (tbc)
- Skills for evidence-based midwifery practice (tbc).

Year two

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

Core modules include:

- Reproductive biology, pathology and pharmacology
- Developing relationships in midwifery practice
- Using research knowledge
- Skills for co-ordinating complex midwifery care (practice experience)
- Anthropology of midwifery - Co-compulsory module 1 or Sexual health in relation to midwifery practice - Co-compulsory module 2.

Year three

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

Core modules 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.



Ms Judith Sunderland
Lead Midwife for Education and
Programme Manager

Ms Sunderland'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, Ms Sunderland developed an interest in HIV and pregnancy. She was involved in the implementation of antenatal HIV testing in pregnancy and the care and management of women who were diagnosed as a result of this process. Her research has focused on women diagnosed with HIV during the asylum process. Ms Sunderland has been a Lecturer in Midwifery in City's School of Health Sciences since 2004 and she continues to practice through her work in a family planning clinic.

www.city.ac.uk/judith-sunderland

Enquiries

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Optometry

BSc (Hons)

City is the only university in London to offer the BSc (Hons) Optometry and was one of the first institutions in the world to train optometrists, operating since 1927.

UCAS code	
B510	
Duration	
3 years.	
Entry requirements	
Typical offers require one of the following:	
'A' Level	
360 UCAS tariff points (at least 3 'A' Levels must be included in the points calculation. A grades at 'A' Level are required in two of the following subjects: Biology, Chemistry or Mathematics).	
IB	
34 points with 6 points in each of two Sciences and 5 points in Mathematics and English Language.	
Bachelor Degrees	
Upper second class Honours degree in other science or medically-related degree.	
Dispensing Diploma	
Over 75 per cent in all theory examinations.	
In addition, the following is required:	
GCSE	
5 GCSEs at grade C (or equivalent), including English Language and Mathematics.	
English language requirements	
IELTS: 7.0 overall with a minimum of 7.0 in each component.	
TOEFL: 110 internet-based total.	
Additional requirements	
Students are required to have enhanced disclosure and barring service clearance.	

Students benefit from study, placement and employment opportunities in a diverse capital city and from state-of-the-art clinics and laboratories including City's Fight for Sight Optometry Clinics. City's optometry division has an excellent reputation, with expert academics from a range of disciplines such as optometrists, ophthalmologists, dispensing opticians, orthoptists, physicists, psychologists, neuroscientists and biologists. Graduates enjoy flexible careers in private practice, hospital eye departments, research and education.

Course structure

Year one

Students build a foundation in the basic sciences that underpin optometry, starting clinical training from day one. Lectures are supported by tutorials and laboratory-based work in the bioscience and optics laboratories, clinical skills suite and dispensary.

Core modules include:

- Human biology
- Optics
- Visual optics and mathematics
- Ophthalmic lenses and dispensing I
- Clinical skills I.

Year two

Students further expand and enhance their clinical skills, 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.

Core modules include:

- Visual science
- General pathology and eye disease
- Clinical skills II
- Contact lenses I
- Ophthalmic lenses and dispensing II
- Binocular vision.

Year three

Students develop the knowledge and clinical skills that form the basis of modern optometric practice by seeing patients under supervision. Students carry out full eye examinations and gain specialist skills in the paediatric, binocular vision, contact lens, dispensing and visual impairment clinics. Students also examine patients at Moorfields Eye Hospital, one of the world's leading eye hospitals, as well as gaining experience in dispensing spectacles and practice management in local optometric practices.

Core modules include:

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

Clinical placements

In the third year, students undertake 12 hours of clinical placements at Moorfields Eye Hospital, private ophthalmology clinics and paediatric hospital units and observe operations. Students also work in practice within Boots Opticians to gain an understanding of high street optometric practice.

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 at City.

Accreditation

Subject to the successful completion of the scheme for registration, graduates can register as an optometrist with the General Optical Council.



Maria Tariq
BSc (Hons) Optometry, third year

I'm in my third year of the BSc (Hons) Optometry and that means that I spend three days each week in City's Fight for Sight Clinic, where I perform sight tests on the general public under supervision and observe fully-qualified optometrists. We also have to complete a minimum of 12 hours in Moorfields Eye Hospital. City has a brilliant reputation for educating optometrists and I think that played a big part in helping me secure a position once I graduate as a pre-registration hospital optometrist.



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.

www.city.ac.uk/ron-douglas

Enquiries

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T: +44 (0) 20 7040 5000

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 (typically ABB at 'A2'). This must include a minimum of one Science 'A' Level (Mathematics, Physics, Chemistry or Biology).
IB	33 points (must include Physics).
Access to HE Diploma	Radiography or Science only.
BTEC	Extended Diploma (18 unit award): DDM (Applied Science or Medical Science only).
In addition, the following is required:	
GCSE	5 GCSEs at grade C (or equivalent), including English Language, Mathematics and double science.
English language requirements	IELTS: 7.5 overall with a minimum of 7.0 in each component. TOEFL: 110 internet-based total.
Additional requirements	Applicants must complete a clinical visits feedback form.
Students are required to have occupational health, enhanced disclosure and barring service clearance. Academic and character references are also required.	

City has one of the best equipped radiography clinical skills suites in the UK, 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.

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 foundation 1
- Common foundation 2
- Radiographic anatomy, physiology and pathology
- Science for medical imaging 1
- Principles of imaging in practice 1.

Year two

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

Core modules 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/project.

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

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

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. 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 able 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
BSc (Hons) Radiography
(Diagnostic Imaging), third year

My clinical placement has been one of the highlights of my time at City. I've been based at St Mary's Hospital in north west London, which is part of the Imperial College Healthcare NHS Trust. We spend 50 per cent of our time on placement and I enjoy putting the theory that we cover in class into practice. After I graduate, 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.

Enquiries

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

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 (typically ABB at 'A2'). This must include a minimum of one Science 'A' Level (Mathematics, Physics, Chemistry or Biology).
IB	33 points (must include Physics).
Access to HE Diploma	Radiography or Science only.
BTEC	Extended Diploma (18 unit award): DDM (Applied Science or Medical Science only).
In addition, the following is required:	
GCSE	5 GCSEs at grade C (equivalent), including English Language, Mathematics and double Science.
English language requirements	IELTS: 7.5 overall with a minimum of 7.0 in each component. TOEFL: 110 internet-based total.
Additional requirements	Applicants must complete a clinical visits feedback form. Students are required to have occupational health, enhanced disclosure and barring service clearance. Academic and character references are also required.

City has one of the best equipped radiography clinical skills suites in the UK, including a life-size virtual 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 placement.

Year one

The compulsory modules in the first year introduce students to the principles and practice of radiotherapy. Year one is spent primarily in the University.

Core modules 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 methods and statistics
- Management and radiotherapy technique A
- Competence to practice A
- Radiotherapy physics and planning
- Radiobiology.

Year three

During the final year, the modules help students to become more critical and evaluative in their work.

Core modules include:

- Patient-centred care
- Management and radiotherapy technique B
- Competence to practice B1
- Competence to practice B2
- Healthcare policy and quality management
- A research exercise/project.

Students learn through lectures, workshops, clinical experience in clinical departments and seminars and clinical experience in the Centre for Radiography Clinical Skills Education.

Assessment is by course work, written examinations, class tests, multiple-choice tests, practical examinations and clinical assessments while 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 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. Graduates can also go on to study an MSc in Radiotherapy at City.

Accreditation

On graduation, students are professionally recognised by the College of Radiographers and are able 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).



Mr Dave Flinton
Programme Manager

Academic staff at City's School of Health Sciences undertake research in a variety of fields relating to Radiography. One example is provided by Mr Dave Flinton, Senior Lecturer and the Programme Manager for City's BSc (Hons) Radiography (Radiotherapy and Oncology). In his research he has explored the links between radiotherapy treatment and fatigue. Though fatigue is one of the most commonly cited side-effects of radiotherapy, it has remained under-researched, in part because of the difficulty of identifying its symptoms and measuring its intensity. However patient studies indicate that fatigue can affect the lives of radiotherapy patients more than pain, indicating a need for greater understanding of the area by radiotherapists. Mr Flinton's research has also explored aspects of radiography education: a recently published paper in the journal *Radiography* examined attitudes to continuing professional development in radiography through a survey of hospitals in the UK and earlier research considered the expectations of managers regarding newly qualified radiographers.

www.city.ac.uk/dave-flinton

Enquiries

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T: +44 (0) 20 7040 5000

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 plus an 'AS' Level.
IB	33 points.
Access to HE Diploma	Relevant Health or Science subject.
BTEC	Extended Diploma in Health and Social Care or Science-related subject: DDD.
In addition, the following is required:	
GCSE	5 GCSEs at grade C (or equivalent) including English Language and Mathematics.
English language requirements	IELTS: 6.5 overall with a minimum of 6.5 in the spoken and written components. TOEFL: 110 internet-based total.
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 an upper second class Honours degree classification on the BSc (Hons) Speech and Language Science are guaranteed a place on City's 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: phonetics
- Language sciences 1: linguistics
- Bio-medical sciences 1: anatomy and physiology
- Lifespan studies.

Examples of optional modules:

- Social context
- History and theory of psychology
- Introduction to sociology.

Year two

Students explore the nature of speech and communication in children and adults and study research methods.

Core modules include:

- Hearing and speech sciences 2: further phonetics
- Language sciences 2: speech and language development
- Bio-medical sciences 2: neurology and disorders of the ear, nose and throat
- Developmental psychology
- Research and evidence-based practice.

Examples of optional modules 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: language processing, brain and behaviour
- 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
Programme Manager

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	<p>Typical offers require one of the following:</p> <p>'A' Level 380 UCAS tariff points. Typically gained from 'A' Level grades A*AA or AAB plus an 'AS' Level.</p> <p>IB 35 points, 6 in all higher.</p> <p>Access to HE Diploma Relevant Health or Science subject.</p> <p>BTEC Extended Diploma in Health and Social Care or Science-related subject: D*DD.</p> <p>In addition, the following is required:</p> <p>GCSE 5 GCSEs at grade C (or equivalent) including English Language and Mathematics.</p> <p>English language requirements</p> <p>IELTS: 7.5 overall with a minimum of 7.5 in the spoken and written components and 7.0 in the listening and reading components.</p> <p>TOEFL: 110 internet-based total.</p> <p>Additional requirements</p> <p>Students are required to have occupational health, enhanced disclosure and barring service clearance.</p>

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 primary 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: phonetics
- Language sciences 1: linguistics
- Bio-medical sciences 1: anatomy and physiology
- Lifespan studies
- Social context
- Professional studies.

Year two

Students explore the nature of speech, communication and swallowing in children and adults and attend weekly clinical placements.

Core modules include:

- Hearing and speech sciences 2: further phonetics
- Language sciences 2: speech and language development
- Bio-medical sciences 2: neurology and disorders of the ear, nose and throat
- Developmental psychology
- Speech, communication and swallowing disabilities
- Professional studies.

Year three

The course examines the nature of cognition, language and communication disabilities in children and adults. Students attend weekly clinical placements.

Core modules include:

- Research and evidence-based practice
- Language sciences 3: language processing, brain and behaviour
- Language, cognition and communication disabilities
- Professional studies.

Year four

The focus is on research, professional development and entry to the profession. Students conduct a small-scale piece of research and complete a block clinical placement.

Core modules 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 a variety of fields relating to Language and Communication Science, as the research of Professor Jane Marshall illustrates. Aphasia, a language impairment commonly caused by a stroke, affects the ability to formulate and comprehend language. Professor Marshall has published widely on aspects of aphasia including sentence processing, jargon aphasia, aphasia in users of British Sign Language and aphasia in bilingual language users. All of her work places a strong emphasis on addressing the clinical needs of people with aphasia. This is exemplified in a recent project, funded by the Stroke Association and undertaken in collaboration with colleagues from City's Centre for Human Computer Interaction Design, which looks at how computer gaming technology might aid the rehabilitation of people with aphasia. GeST, the computer therapy tool developed by the team (who worked with a group of consultants with aphasia), helps stroke survivors to communicate using gestures. The prototype has recently been piloted to see whether it improves participants' production of gestures and the corresponding spoken words.
www.city.ac.uk/jane-marshall

Enquiries

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The City Law School



The City Law School is one of London's major law schools and offers an impressive range of academic and professional courses. Located in the heart of legal London, the School was the first in London to educate students and practitioners at all stages of legal education.



Sulaiman Attan
LLB (Hons), third year

Studying at City has been an invaluable experience. It is great studying in London – we're really at the heart of the legal profession – and I really enjoy the social activities that take place at City.



Niresha Umaichelvam
LLB (Hons), third year

During my second year summer holiday, I undertook a human rights law internship at the Women's Legal Centre in Cape Town, South Africa. This was an incredible opportunity offered to me by The City Law School – they held a 'competition' for female students who were passionate about human rights and wanted to pursue a career in this field. That experience has made me even more passionate about pursuing a career in human rights law.

To hear more from Niresha, visit www.city.ac.uk/ug2015/niresha.



Maninder Bains
LLB (Hons), second year

I thoroughly enjoyed studying law in high school and decided to pursue my interest. My course at City has made it clear that law is definitely the right field for me; it has allowed my skills in advocacy and debate to flourish. Embracing the opportunities available at City, I have assumed the role as Student Representative for the Law School and I have worked as a Student Ambassador. City provides many extra curricula activities; I enjoy dancing and am now Vice-President of City's Bhangra Society.

Michal Zajpt
LLB (Hons), third year

City is business-oriented, which I believe is rather unique among UK universities. Academic staff have a great passion for their subject and are very experienced professionals. I had the opportunity to work as an intern at Embassy of the Czech Republic in London and I still help out occasionally. My advice to students thinking of studying at City? Set yourself goals and try to make them happen.

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, together with an emphasis on professional skills including legal techniques. Third year students can choose from a wide range of elective modules rarely offered at an undergraduate level, thereby 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).

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 not only from London's great cultural and social scene, but also 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 cvs 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) supports the strong development of the legal profession and legal professional practice through research and writing. The Centre includes various specialist forums focusing on advocacy, alternative dispute resolution, civil litigation, criminal litigation, evidence and proof and legal ethics.

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 a variety of 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.

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	<p>Typical offers require one of the following:</p> <p>'A' Level 320 UCAS tariff points, typically gained from ABB or BBB at 'A' Level plus an 'AS' Level. Other qualification combinations achieving 320 UCAS tariff points will be considered.</p> <p>IB 29 points.</p> <p>In addition, the following is required:</p> <p>GCSE English Language and Mathematics or Statistics at grade C (or equivalent).</p> <p>English language requirements</p> <p>IELTS: 7.0 overall with a minimum of 6.0 in each component.</p> <p>TOEFL: 110 internet-based total.</p>
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.

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

Opportunities for study abroad

The School has established student exchange programmes 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 Legal Practice Course (LPC) for aspiring solicitors and the Bar Professional Training Course (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).



Dr Carmen Draghici
LLB (Hons)
Deputy Director

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

www.city.ac.uk/carmen-draghici

School of Mathematics, Computer Science & Engineering



Karishma Sawhney
BSc (Hons) Business
Computing Systems, second year

After I graduate, I hope to work as a software engineer for Goldman Sachs in central London. I would advise anyone planning to study at City to enjoy the Students' Union and fresher's events and to join societies – and to work hard of course.

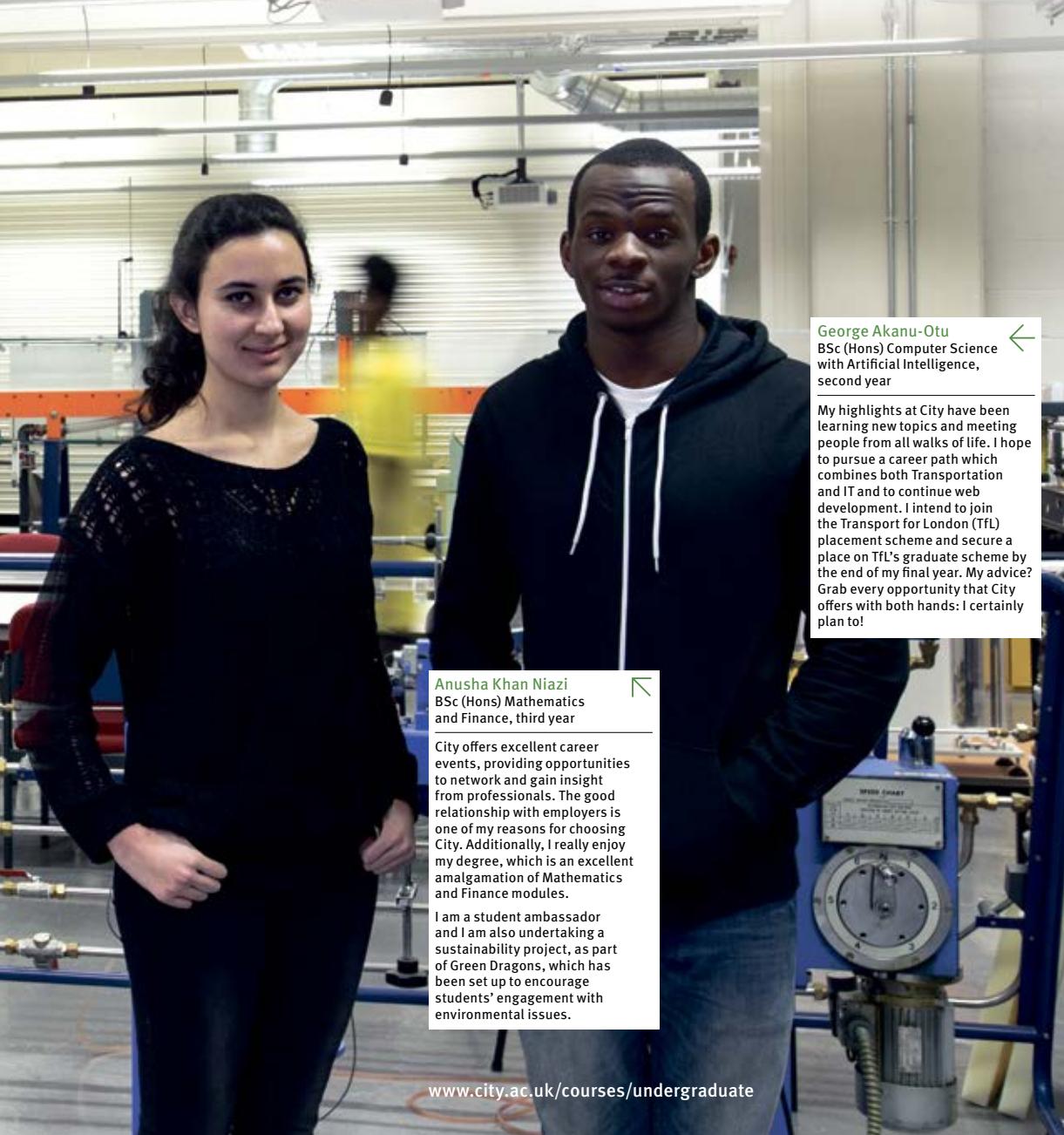
Niko Gvodenovic
BEng (Hons) Biomedical
Engineering, first year

I am from Montenegro but I grew up in Limassol, Cyprus. I love the fact that City is based in London; one of the most multi-cultural cities in the world. The academic staff are very friendly and the lectures are well planned; I enjoy the laboratory sessions the most. I hope to use my degree to enter into the prosthetics industry and help develop improved limb replacements.

The name of this School was subject to final approval by the University's Senate at the time of going to press. Please check www.city.ac.uk for further information.

matics, ce

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 industry.



Anusha Khan Niazi
BSc (Hons) Mathematics
and Finance, third year

City offers excellent career events, providing opportunities to network and gain insight from professionals. The good relationship with employers is one of my reasons for choosing City. Additionally, I really enjoy my degree, which is an excellent amalgamation of Mathematics and Finance modules.

I am a student ambassador and I am also undertaking a sustainability project, as part of Green Dragons, which has been set up to encourage students' engagement with environmental issues.

George Akanu-Otu
BSc (Hons) Computer Science
with Artificial Intelligence,
second year

My highlights at City have been learning new topics and meeting people from all walks of life. I hope to pursue a career path which combines both Transportation and IT and to continue web development. I intend to join the Transport for London (TfL) placement scheme and secure a place on TfL's graduate scheme by the end of my final year. My advice? Grab every opportunity that City offers with both hands: I certainly plan to!

Degrees offered

Aeronautical Engineering MEng (Hons) or BEng (Hons)	112
Air Transport Engineering MEng (Hons) or BEng (Hons)	114
Automotive and Motorsport Engineering MEng (Hons) or BEng (Hons)	116
Biomedical Engineering MEng (Hons) or BEng (Hons)	118
Business Computing Systems BSc (Hons)	120
Civil Engineering MEng (Hons) or BEng (Hons)	122
Civil Engineering with Architecture MEng (Hons) or BEng (Hons)	124
Computer Science BSc (Hons)	126
Computer Science with Games Technology BSc (Hons)	128
Computer Systems Engineering BEng (Hons)	130
Electrical and Electronic Engineering MEng (Hons) or BEng (Hons)	132
Energy Engineering MEng (Hons) or BEng (Hons)	134
Engineering with Management and Entrepreneurship BEng (Hons)	136
Mathematical Science MMath (Hons) or BSc (Hons)	138
Mathematical Science with Computer Science MMath (Hons) or BSc (Hons)	140
Mathematical Science with Finance and Economics MMath (Hons) or BSc (Hons)	142
Mathematical Science with Statistics MMath (Hons) or BSc (Hons)	144
Mathematics and Finance MMath (Hons) or BSc (Hons)	146
Mechanical Engineering MEng (Hons) or BEng (Hons)	148
Telecommunications BEng (Hons)	150



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, refurbished in 2013, include dedicated undergraduate education spaces alongside cutting-edge biomedical and electrical engineering research laboratories.

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 the world we live in. 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 and 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. Finally, 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 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 (eg bridges, tall buildings, harbours and tunnels). They develop the 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, 6 in higher 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 all components. TOEFL: 87 internet-based total.
Enquiries
E: ug-me@city.ac.uk T: +44 (0) 20 7040 6050

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, 5 in higher 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 all components. TOEFL: 87 internet-based total.

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 Centre for Aeronautics, supported by relevant specialists and visiting staff from industry.

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

Year one

Year one provides a broad foundation in engineering concepts with a slant towards real-world applications.

Core modules include:

- Engineering science
- Engineering practice
- Mathematics and computation.

Year two

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

Core modules 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. As well as the group design project mentored by industry experts, the individual project allows students to investigate a subject of particular interest.

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 and a foreign language module.

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.

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.



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

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, 6 in higher 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 all components.
TOEFL: 87 internet-based total.

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, 5 in higher 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 all components.
TOEFL: 87 internet-based total.

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.

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.

Enquiries

E: ug-me@city.ac.uk
T: +44 (0) 20 7040 6050

Year one

Year one provides a broad foundation in engineering concepts with a slant towards real-world applications.

Core modules include:

- Engineering science
- Engineering practice
- Mathematics and computation.

Year two

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

Core modules 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. As well as the group design project mentored by industry experts, the individual project allows students to investigate and develop in depth a subject of particular interest.

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 and a foreign language module.

Opportunities for work placements

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

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
- 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 the Institution of Mechanical Engineers and provides a path for graduates to gain Chartered Engineer status.



Dr Chak-Wah Cheung
Senior Lecturer in Aeronautical Engineering

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 joined the School in 1994. Alongside his research into structural dynamics and aeroelasticity, ground vibration and flight flutter testing of aircraft structures, Professor Cheung leads modules for students in years two, three and four on aircraft structures and aeroelasticity. Dr Cheung has contributed to the publication of more than 30 technical reports and scientific research papers.

www.city.ac.uk/chak-wah-cheung

Automotive and Motorsport Engineering MEng (Hons) or BEng (Hons)

This 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, 6 in higher 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 all components. TOEFL: 87 internet-based total.
Enquiries
E: ug-me@city.ac.uk T: +44 (0) 20 7040 6050

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 320 UCAS tariff points, including Mathematics at 'A' Level grade B. 'A' Level Physics preferred.
IB 33 points, 5 in higher 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 all components. TOEFL: 87 internet-based total.

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.

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

Assessment is by coursework, 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
- Engineering practice
- Mathematics and computation.

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. As well as group design projects, the individual project allows students to investigate a subject of particular interest. As part of the international IMechE Formula Student competition, students 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 and a foreign language module.

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.

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.



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

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 sciences or Mathematics and one science subject with grade B required in one science subject or Mathematics.
IB 35 points, including 5 in higher Mathematics or a science higher. Either two higher science subjects or one science higher with higher Mathematics required.
BTEC DDD in a relevant scientific or Engineering subject including D in L3 Mathematics 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.
TOEFL: 87 internet-based total.

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 sciences or Mathematics and one science subject with grade B required in one science subject or Mathematics.
IB 33 points, including 5 in higher Mathematics or a science higher. Either two higher science subjects or one science higher with higher Mathematics required.
BTEC DDD in a relevant scientific or Engineering subject including D in L3 Mathematics 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.
TOEFL: 87 internet-based total.

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, as well as hospital consultants and experts from the medical industry. Information is delivered in lectures, seminars and tutorials, supplemented by laboratory-based or theoretical coursework.

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

Subject areas include:

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

In addition, students study specialist biomedical engineering modules to gain familiarity with physiological concepts and language of medicine. Specialist modules in year one include:

- Anatomy and physiology
- Introduction to biomedical engineering.

Specialist modules in year two include:

- Biomedical instrumentation
- Biomedical optics.

Year three

Specialist biomedical engineering modules include:

- Medical imaging modalities
- Medical ultrasound
- Respiratory and cardiovascular measurement
- Sensors and sensing systems in biomedical engineering.

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

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.

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

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

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 & Electronic, Biomedical, Telecommunications and Computer Systems Engineering Foundation Programme (for more information on this Programme, please visit the City University London website).



Professor Panicos Kyriacou
Course Director

Professor Panicos Kyriacou's research explores biomedical optical sensors, bio-instrumentation, physiological measurement, biomedical signal processing and tissue optics. His work contributes to the understanding, development and applications of instrumentation, sensors and physiological measurements to facilitate the prognosis, diagnosis and treatment of disease or the rehabilitation of patients. His research pushes the frontiers of current optical and electronic technologies and demonstrates how such technologies can be used as medical "tools".

Professor Kyriacou is Professor of Biomedical Engineering and Associate Dean for Postgraduate Studies. He is Course Director of the MEng (Hons)/BEng (Hons) in Biomedical Engineering and Director of the Biomedical Engineering Research Group. Alongside his roles at City, Professor Kyriacou is also an Honorary Professor in the Department of Anaesthesia at St. Andrews Centre for Plastic Surgery and Burns, Broomfield Hospital, Mid Essex Hospital Services NHS Trust; Honorary Senior Research Fellow at Great Ormond Street Hospital for Children and St. Bartholomew's Hospital; and a Visiting Research Fellow at Yale Medical School.

www.city.ac.uk/panicos-kyriacou

Enquiries

E: ug-eee@city.ac.uk
T: +44 (0) 20 7040 6050

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 3 years of IT work experience).

Entry requirements

Typical offers require one of the following:

'A' Level

360 UCAS tariff points or grades ABB at 'A' Level.

IB

32 points, 6 in all higher subjects.

BTEC

DDM.

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.

TOEFL: 87 internet-based total.

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.

Year two

In year two, full-time students take a further six core modules and can choose to undertake a project. Professional Pathway students take the core modules over a period of two years.

Core modules include:

- Human computer interaction
- Information management
- Management of information technology
- Networks and operating systems
- Object-oriented analysis and design
- Team project
- 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. Professional Pathway students take these core and elective modules over a period of two years.

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.

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 the design of business critical computer systems, consultancy on computer development and managerial roles with responsibility for an organisation's computing resources.

Accreditation

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

Other courses you may like

- BSc (Hons) Computer Science
- BSc (Hons) Computer Science with Games Technology.



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 machine learning algorithms that are little understood by the majority of end users. By conducting user research, usability reviews and user testing, Dr Stumpf's research provides insight into how designers of intelligent systems can promote transparency and ensure that end users feel able to trust and control those systems. Dr Stumpf leads the Human Computer Interaction module in year two of City's BSc (Hons) Business Computing Systems and she is also Course Director for City's MSc 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.
IB 35 points, including 5 in higher Mathematics.
BTEC Typically DDD plus '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 all components.
TOEFL: 87 internet-based total.

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.
IB 33 points, including 5 in higher Mathematics.
BTEC Typically DDD plus '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 all components.
TOEFL: 87 internet-based total.

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 final year. For MEng (Hons) courses, the final 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 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.

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

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).

Enquiries

E: ug-civil@city.ac.uk
T: +44 (0) 20 7040 6050

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 grade B and a demonstration of drawing ability.
IB 35 points including 5 in higher Mathematics.
BTEC Typically DDD plus '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 all components.
TOEFL: 87 internet-based total.
Additional requirements
Applicants need to demonstrate drawing skills.

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 grade B and a demonstration of drawing ability.
IB 33 points including 5 in higher Mathematics.
BTEC Typically DDD plus '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 all components.
TOEFL: 87 internet-based total.
Additional requirements
Applicants need to demonstrate drawing skills.

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 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 geology and civil engineering practice 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. 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.

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.



Dr Richard Goodey
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, as well as upgraded equipment and facilities.
www.city.ac.uk/richard-goodey

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).

Enquiries

E: ug-civil@city.ac.uk
T: +44 (0) 20 7040 6050

Computer Science

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.

UCAS code
G400
Duration
3 years, or 4 years with a 1 year placement, or the Professional Pathway scheme (combining the degree with 3 years of IT work experience).
Entry requirements
Typical offers require one of the following:
'A' Level 360 UCAS tariff points or ABB at 'A' Level.
IB 32 points, 6 in all higher subjects.
BTEC DDM.
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.
TOEFL: 87 internet-based total.

Computer Science focuses on how software and programming work can be used to solve real-world problems. Students gain an appreciation of the foundations of computation, acquire an understanding of the structure of programming languages and develop the skills to use coding creatively in solving computational problems. Students also acquire expertise in state-of-the-art approaches to a wide variety of technologies, learn commercially valuable skills and work with internationally renowned research groups, learning about the latest developments in computer science. Students develop an individual project, either through working with the technology industries, working with a research group or through the realisation of their own ideas.

This degree is suitable for students who are looking for a career with a comprehensive grounding in computing. A strong interest in software technologies is a requisite, together with a desire to understand how they work and are built. Applicants should be motivated to keep up-to-date in a field in which rapid and accelerating change is the rule rather than the exception.

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.

Year two

In year two, full-time students take a further six core modules and can choose to undertake a project. Professional Pathway students take the core modules over a period of two years.

Core modules include:

- Functional programming
- Networks and operating systems
- Object-oriented analysis and design
- Team project
- Professional development in IT.

Enquiries

E: ug-compsci@city.ac.uk
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Year three

In year three, full-time students take one core module in Theory of computation 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. Professional Pathway students take these core and elective modules over a period of two years.

Elective modules include:

- Advanced database
- Artificial intelligence
- Business engineering with ERP solutions
- Cognition and technologies
- Data visualisation
- IT security
- Project management
- Management of IT strategy.

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 third 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.

Other courses you may like

- BSc (Hons) Business Computing Systems
- BSc (Hons) Computer Science with Games Technology.

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.

Career opportunities

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



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

Computer Science with Games Technology 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.

UCAS code
G490
Duration
3 years, or 4 years with a 1 year placement, or the Professional Pathway scheme (combining the degree with 3 years of IT work experience).
Entry requirements
Typical offers require one of the following:
'A' Level 360 UCAS tariff points or ABB at 'A' Level).
IB 32 points, 6 in all higher subjects.
BTEC DDM.
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.
TOEFL: 87 internet-based total.
Enquiries
E: ug-compsci@city.ac.uk T: +44 (0) 20 7040 8384

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.

Year two

In year two, full-time students take a further six core modules and can choose to undertake a project. Professional Pathway students take the core modules over a period of two years.

Core modules include:

- Data structures and algorithms
- Games technology
- Networks and operating systems
- Object-oriented analysis and design
- Professional development in IT
- Team project
- Programming in C++.

Year three

In year three, full-time students take one core module in Advanced games technology 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. Professional Pathway students take these core and elective modules over a period of two years.

Elective modules include:

- Advanced databases
- Artificial intelligence
- Business engineering with ERP solutions
- Cognition and technologies
- Data visualisation
- IT security
- Team project
- Project management
- Management of IT strategy.

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 third 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

Careers include working as a key technical specialist in the computer games industry. 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.

Other courses you may like

- BSc (Hons) Business Computing Systems
- BSc (Hons) Computer Science.



Dr Chris Child
Lecturer in Games Technology

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 ten 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 games technology lecturer 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

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

320 UCAS tariff points, including 'A' Level Physics and Mathematics with Mathematics at grade B.

IB

33 points, including 5 in higher Mathematics. Physics higher also required.

BTEC

DDD in Electrical and/or Electronic Engineering including D in L3 Mathematics 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.

TOEFL: 87 internet-based total.

Enquiries

E: ug-eee@city.ac.uk
T: +44 (0) 20 7040 6050

Engineers require managerial skills, the ability to communicate effectively, a good measure of human understanding and an awareness of the economic, environmental and social implications of their activity. The BEng (Hons) Computer Systems Engineering is designed to provide excellent education in these areas.

Course structure

Year one and year two

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

Subject areas include:

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

Year three

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

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

A popular feature of this course is the individual project, which runs throughout the final year. This may be a detailed design study, an experimental and/or theoretical investigation or a critical review of a topic in computer systems engineering. Students have the opportunity to interact with members of the School's various research teams, working alongside experienced academic staff on highly relevant and exciting projects.

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

Opportunities for work placements

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

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.

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 & 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
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 teaching 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 Physics and Mathematics, with Mathematics at grade B.
IB
35 points, including 5 in higher Mathematics. Physics higher also required.
BTEC
DDD in Electrical and/or Electronic Engineering including D in L3 Mathematics in Extended Diploma only, or Grade B 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.
TOEFL: 87 internet-based total.

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
320 UCAS tariff points, including 'A' Level Physics and Mathematics with Mathematics at grade B.
IB
33 points, including 5 in higher Mathematics. Physics higher also required.
BTEC
DDD in Electrical and/or Electronic Engineering including D in L3 Mathematics 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.
TOEFL: 87 internet-based total.

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 practical experiences. In addition, engineers require managerial skills, the ability to communicate effectively and an awareness of the economic, environmental and social implications of their activity, which the course modules provide.

Course structure

Year one and year two

The first two years of this course are joined with the Computer Systems Engineering and the Telecommunications degrees. The focus is on fundamental principles of engineering and applied physics and modules provide an essential insight into electronics, design and computing. The course is assessed by examinations, coursework and laboratory reports.

Subject areas include:

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

Year three

Core modules include:

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

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

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

MEng (Hons): Year four

In their final year, MEng (Hons) students undertake an interdisciplinary industrial project and a research-based individual project. They also have a choice of four advanced modules in control engineering, telecommunications and power engineering. The course is delivered mainly by academic staff from the School. It also includes lectures by experts in the industrial sector who explain how technologies are currently being used in industry to solve real-world problems.

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

Opportunities for work placements

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

Career opportunities

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

Accreditation

This course is accredited by the 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 & Electronic, Biomedical, Telecommunications and Computer Systems Engineering Foundation Programme (for more information on this Programme, please visit the City University London website).



Dr Lambros Economou
Lecturer in Power Systems

Dr Lambros Economou's 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. The proposed platform provides planning engineers with a single graphical analysis framework rather than the conventional manual utilisation of stand-alone applications within individual desktop studies and avoids the use of paper maps and databases.

www.city.ac.uk/lambros-economou

Enquiries

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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, 6 in higher 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 all components. TOEFL: 87 internet-based total.
Enquiries
E: ug-me@city.ac.uk T: +44 (0) 20 7040 6050

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, 5 in higher 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 all components. TOEFL: 87 internet-based total.

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.

The 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 Energy and Transport Research Centre, supported by relevant specialists and visiting members of industry.

Assessment is by coursework and examinations. Group learning, teamwork and communication skills are assessed by design group studies, reports and presentations. Practical and technical

communication skills are assessed through laboratory work, data analysis and project reports.

Year one

Year one provides a broad foundation in engineering concepts with a slant towards real-world applications.

Core modules include:

- Engineering science
- Engineering practice
- Mathematics and computation.

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. As well as group design projects, an individual project allows students to investigate a subject of particular interest.

Core modules include:

- Energy management
- Renewable energy
- System reliability
- 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 and a foreign language module.

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.

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).



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 licenced to industry. Alongside colleagues from City, Professor Gavaises established the International Institute of Cavitation Research.
www.city.ac.uk/manolis-gavaises

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 Mathematics at 'A' Level grade B. IB 33 points, 5 in higher Mathematics. BTEC DDD in a relevant Engineering subject including D in L3 Mathematics 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. TOEFL: 87 internet-based total.
Enquiries	E: ug-eee@city.ac.uk T: +44 (0) 20 7040 6050

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

Course structure

Year one and year two
Fundamental principles of engineering, mathematics and business are studied, providing a strong background and tools for more advanced specialisations in the final year.

Core modules include:

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

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

Year three

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

Modules include:

- Technology entrepreneurship
- Engineering management
- Systems modelling
- Engineering systems
- Individual project
- Corporate social responsibility.

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

Opportunities for work placements

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

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 and the Royal Society as well as hospitals and industry.

www.city.ac.uk/panos-liatsis

Mathematical Science

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	340 UCAS tariff points, including Mathematics or Further Mathematics at 'A' Level grade A.
IB	32 points, 6 in higher 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. TOEFL: 87 internet-based total.
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
- Complex variable
- Linear algebra and group theory
- Real analysis.

Elective modules include:

- Dynamical systems
- Applied mathematics
- Numerical mathematics
- 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
- Mathematical models and modelling
- 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) Mathematical Science 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 of their BSc (Hons)/MMath (Hons). 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) Mathematical Science with Computer Science
- MMath (Hons)/BSc (Hons) Mathematical Science with Finance and Economics
- MMath (Hons)/BSc (Hons) Mathematical Science 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 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

Mathematical Science with Computer Science MMath (Hons) or BSc (Hons)

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

UCAS code	G1G4
Duration	BSc (Hons): 3 years or 4 years including a professional placement. MMath (Hons): 4 years or 5 years including a professional placement.
Entry requirements	Typical offers require one of the following: 'A' Level 340 UCAS tariff points, including Mathematics or Further Mathematics at 'A' Level grade A. IB 32 points, 6 in higher 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. TOEFL: 87 internet-based total.
Enquiries	E: ug-maths@city.ac.uk T: +44 (0) 20 7040 8384

This course has much in common with the BSc (Hons)/MMath (Hons) Mathematical Science, but with greater emphasis on Computer Science. The mathematical focus is as for Mathematical Science, while the Computer Science component covers a range of topics in modern computing.

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 techniques.

Core modules include:

- Algebra
- Number theory and cryptography
- Java
- Functions, vectors and calculus
- Computation and reasoning
- Introduction to modelling.

Year two

Core modules include:

- Vector calculus
- Complex variable
- Linear algebra and group theory
- Systems architecture
- Networks and operating systems.

Elective modules include:

- Dynamical systems
- Applied mathematics
- Numerical mathematics
- Real analysis
- Software engineering
- Functional programming
- Language processors.

Year three

Core modules include:

- Mathematical methods
- Group project.

Elective modules include:

- Discrete mathematics
- Differential equations for finance
- Mathematical biology
- Fluid dynamics
- Mathematical models and modelling
- Quantum mechanics
- Mathematical processes for finance
- Groups and symmetry
- Object-oriented programming in C++
- Data structures and algorithms
- Human computer interaction
- Parallel and concurrent programming
- Introduction to data mining

- Requirements engineering
- Theory of computation.

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

MMath (Hons): Year four

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

Other courses you may like

- MMath (Hons)/BSc (Hons) Mathematical Science
- MMath (Hons)/BSc (Hons) Mathematical Science with Finance and Economics
- MMath (Hons)/BSc (Hons) Mathematical Science with Statistics
- MMath (Hons)/BSc (Hons) Mathematics and Finance.



Dr Olalla Castro-Alvaredo
Course Director

Dr Olalla Castro-Alvaredo works in Quantum Field Theory (QFT), specialising in the study of Quantum Integrable Models and other related theories, including statistical models, conformal field theories and integrable quantum spin chains. The main subject of her research is the computation of certain functions known as form factors and correlations functions, in particular models. These functions carry information about many physical properties of the models under investigation.

www.city.ac.uk/olalla-castro-alvaredo

Mathematical Science with Finance and Economics MMath (Hons) or BSc (Hons)

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

UCAS code
G1L1
Duration
BSc (Hons): 3 years or 4 years including a professional placement.
MMath (Hons): 4 years or 5 years including a professional placement.
Entry requirements
Typical offers require one of the following:
'A' Level 340 UCAS tariff points, including Mathematics or Further Mathematics at 'A' Level grade A.
IB 32 points, 6 in higher 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.
TOEFL: 87 internet-based total.
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
- Complex variable
- Linear algebra and group theory
- Finance and financial reporting A.

Elective modules include:

- Dynamical systems
- Applied mathematics
- Numerical mathematics
- Real analysis
- Intermediate macroeconomics 1 & 2
- Intermediate microeconomics 1 & 2.

Year three

Core modules include:

- Mathematical methods
- Group project.

Elective modules include:

- Discrete mathematics
- Differential equations for finance
- Mathematical biology
- Fluid dynamics
- Mathematical models and modelling
- 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
- Labour economics
- Topics in health economics
- Development economics
- Industrial organisation.

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

MMath (Hons): Year four

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



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

My degree appealed to me because I felt that combining mathematics with finance and economics would give me more choices in my future career. At City, I've obviously made close friends and worked with inspiring academics, but I've also had the chance to connect with potential employers, which I've appreciated. When I graduate, I'd like to become an investment consultant; I'm applying for summer internships at the moment. However, I've also worked as a mathematics tutor at a secondary school close to City and that has been a really good experience: it has made me consider becoming a teacher after I graduate. One of my favourite modules was Programming, but it was also one of the most challenging. For the coursework, I developed a Sudoku solver programme.



Dr Anton Cox
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

Mathematical Science with Statistics

MMath (Hons) or BSc (Hons)

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

UCAS code	G1G3
Duration	BSc (Hons): 3 years or 4 years including a professional placement. MMath (Hons): 4 years or 5 years including a professional placement.
Entry requirements	Typical offers require one of the following:
'A' Level	340 UCAS tariff points, including Mathematics or Further Mathematics at 'A' Level grade A.
IB	32 points, 6 in higher 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. TOEFL: 87 internet-based total.
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)/BSc (Hons) Mathematical Science, 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 I
- Introduction to modelling.

Year two

Core modules include:

- Vector calculus
- Complex variable
- Linear algebra and group theory
- Probability and statistics II
- Stochastic models.

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

Elective modules include:

- Dynamical systems
- Applied mathematics
- Numerical mathematics
- Real analysis.

Year three

Core modules include:

- Mathematical methods
- Group project.

Elective modules include:

- Discrete mathematics
- Differential equations for finance
- Mathematical biology
- Fluid dynamics
- Mathematical models and modelling
- Quantum mechanics
- Mathematical processes for finance
- Groups and symmetry
- Operational research
- Extreme event statistics
- Survival models
- Probability and statistics 2.

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

MMath (Hons): Year four

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



Dr Lara Silvers
Senior Lecturer and 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.
www.city.ac.uk/lara-silvers

Mathematics and Finance

MMath (Hons) or BSc (Hons)

The MMath (Hons)/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 340 UCAS tariff points, including Mathematics or Further Mathematics at 'A' Level grade A.
IB 32 points, 6 in higher 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.
TOEFL: 87 internet-based total.

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
- Complex variable
- Linear algebra and group theory
- Finance and financial reporting A and B
- Finance and investment mathematics B.

Elective modules include:

- Dynamical systems
- Applied mathematics
- Numerical mathematics
- Applications of probability and statistics
- Real analysis.

Enquiries

E: ug-maths@city.ac.uk
T: +44 (0) 20 7040 8384

Year three

Core modules include:

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

Elective modules include:

- Discrete mathematics
- Mathematical biology
- Fluid dynamics
- Mathematical models and modelling
- Quantum mechanics
- Mathematical processes for finance
- Groups and symmetry
- Operational research
- Stochastic models
- Probability and statistics 2
- Investment
- 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) Mathematical Science
- MMath (Hons)/BSc (Hons) Mathematical Science with Finance and Economics
- MMath (Hons)/BSc (Hons) Mathematical Science with Statistics
- MMath (Hons)/BSc (Hons) Mathematics and Finance.



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, 6 in higher 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 all components. TOEFL: 87 internet-based total.
Enquiries
E: ug-me@city.ac.uk T: +44 (0) 20 7040 6050

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 320 UCAS tariff points, including Mathematics at 'A' Level grade B. 'A' Level Physics preferred.
IB 33 points, 5 in higher 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 all components. TOEFL: 87 internet-based total.

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, automotive 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 Energy and Transport Research Centre, supported by relevant specialists and visiting members of industry.

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

Year one

Year one provides a broad foundation in engineering concepts with a slant towards real-world applications.

Core modules include:

- Engineering science
- Engineering practice
- Mathematics and computation.

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 and a foreign language module.

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.

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.



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. More recently, Professor Nouri, together with colleagues from the School, has focused on fluid mechanics, examining fields including internal combustion engines, gasoline and diesel fuel spray processes, centrifugal pumps and fuel injection systems.

www.city.ac.uk/jamshid-nouri

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 320 UCAS tariff points, including 'A' Level Physics and Mathematics with Mathematics at grade B.
IB 33 points, including 5 in higher Mathematics. Physics higher also required.
BTEC DDD in Electrical and/or Electronic Engineering including D in L3 Mathematics 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.
TOEFL: 87 internet-based total.

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

Course structure

Year one and year two

The first two years of this course are joined with the BEng (Hons)/MEng (Hons) Electrical and Electronic Engineering and the BEng (Hons) Computer Systems Engineering. The fundamental principles of engineering and applied physics that underpin the design of electrical and electronic equipment are studied. Modules explore electronics, design and computing and specialised areas in electrical and electronic engineering.

Core modules include:

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

Year three

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

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

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

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

Opportunities for work placements

Students are strongly encouraged to seek a placement after their second year. 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 work force.

Career opportunities

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

Accreditation

This course is accredited by the 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 & Electronic, Biomedical, Telecommunications and Computer Systems Engineering Foundation Programme (for more information on this Programme, please visit the City University London website).



Usman Saeed
BEng (Hons) Telecommunications,
third year

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 is challenging but the modules have 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 makes for an exceptional experience.



Professor Tong Sun
Course Director

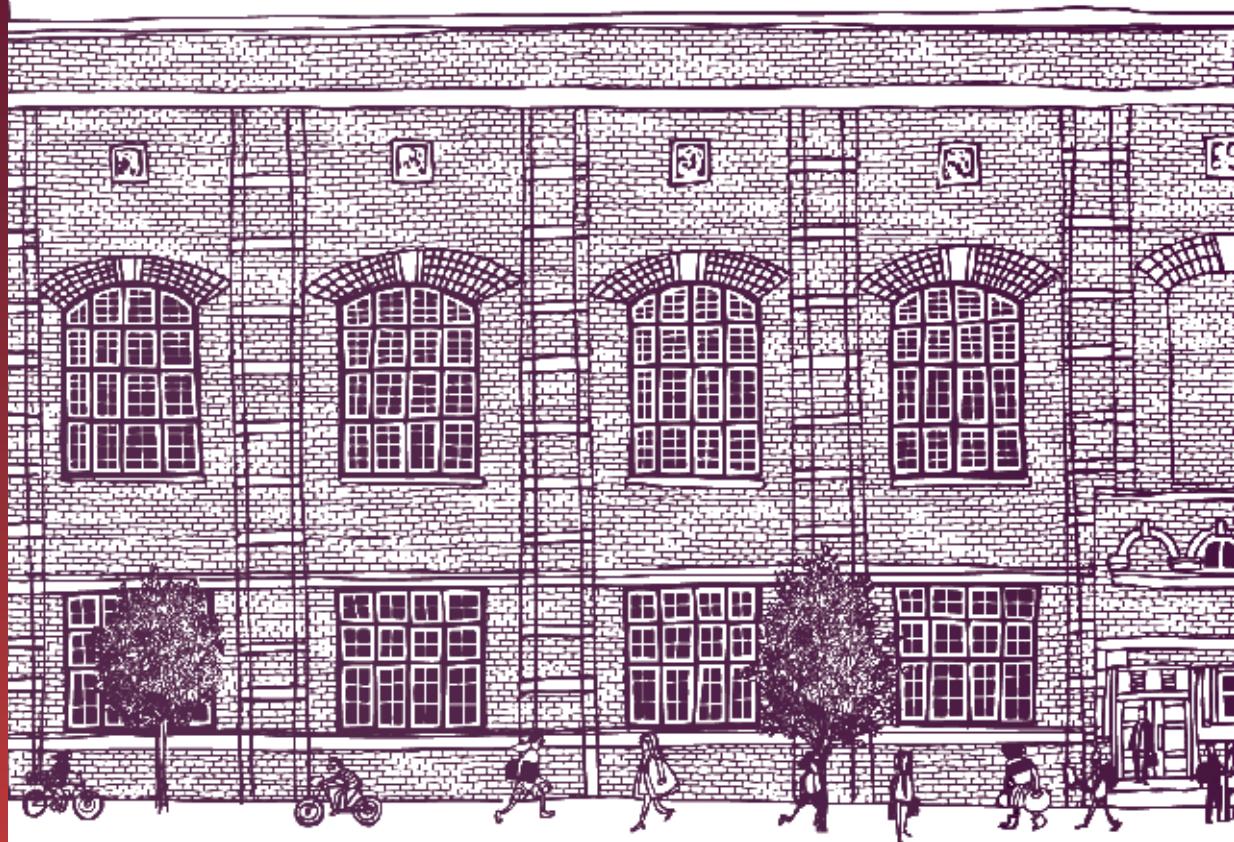
Since the 1970s, the School of Mathematics, Computer Science & Engineering has been involved in the development of pioneering techniques and instruments for measurement, and the research of Professor Tong Sun, Course Director for the BEng (Hons) Telecommunications, continues that strong tradition. Professor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

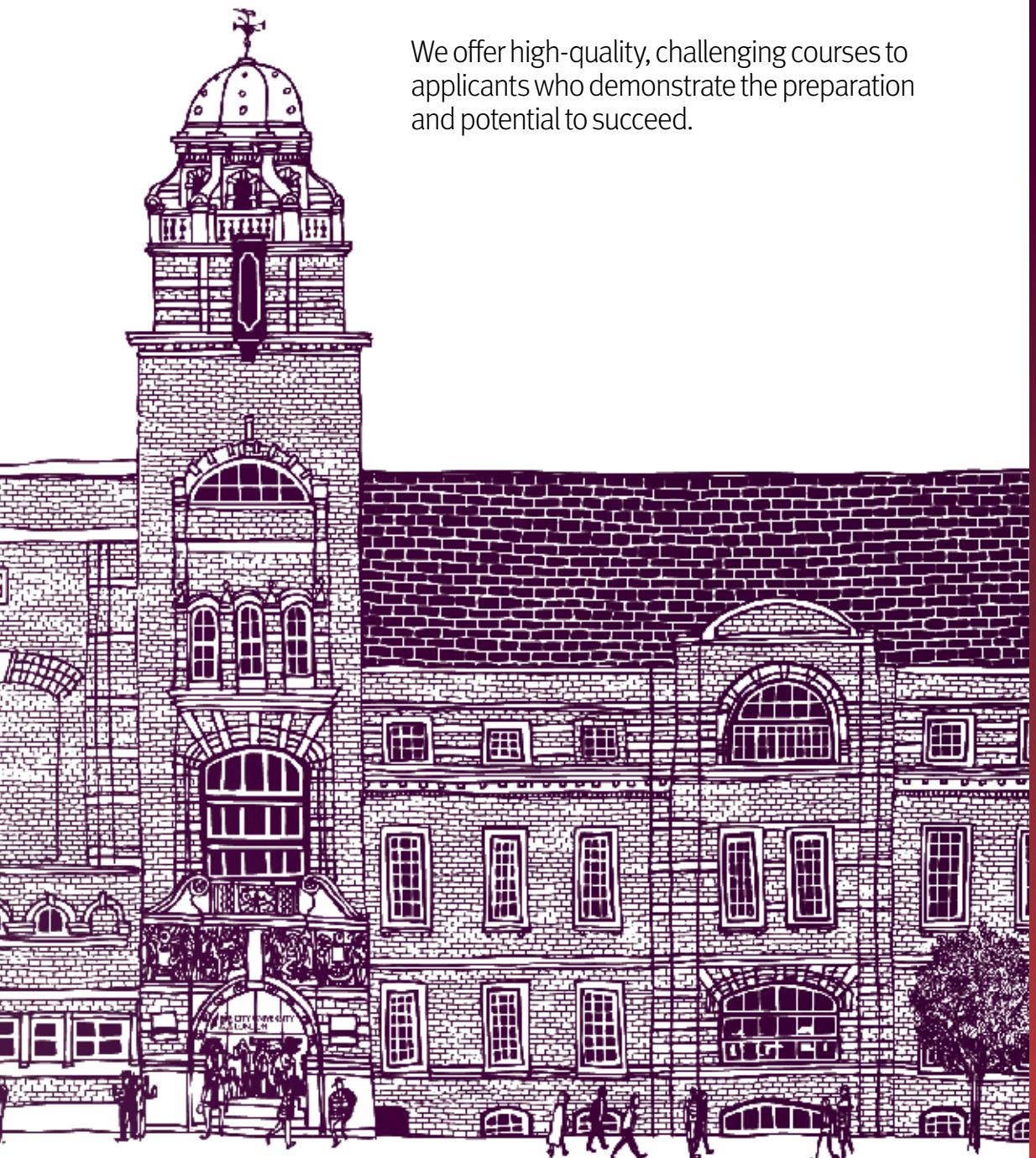
www.city.ac.uk/tong-sun

Enquiries

E: ug-eee@city.ac.uk
T: +44 (0) 20 7040 6050

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 general requirements, admission to most courses requires passes in a specific subject or subjects relevant to the course. See the entry requirements box on each course page in this prospectus for more details.

English language and Mathematics requirements

All applicants are required to demonstrate that their ability to understand and express themselves in written and spoken English is sufficient for them to be able to benefit from and participate fully in their degree course.

A pass in one of the following qualifications is the minimum expectation of the University:

- GCSE English language at grade C or above
- International GCSE in English as a second language at grade C or above
- IELTS test of the British Council at 6.0 overall or above. Please see course pages for information on requirements for components of the IELTS test
- Test of English as a Foreign Language (TOEFL) with 87 (internet-based test) or above. TOEFL is not considered suitable for Journalism
- UCLES Certificate of Proficiency in English (CPE) at grade C or above.

Some courses will ask for more than the minimum English language requirement, so please check the relevant course page in this prospectus.



Email enquiries
ugadmissions@city.ac.uk



Telephone enquiries
+44 (0) 20 7040 8716



Find out more, visit
www.city.ac.uk/ug2015/applying



A pass at grade C or above in General Certificate of Secondary Education (GCSE) Mathematics or equivalent is a minimum requirement of the University. Some courses will ask for more than the minimum Mathematics requirement, so please check the relevant course page in this prospectus.

If you hold a qualification that is not listed, you should contact the Admissions Office to find out whether it is acceptable.

Typical offers

The typical offers shown on the course pages of this prospectus indicate the usual standard of achievement expected on joining the course. The offer you receive may be different from this indicative standard. It is important to remember that many of our courses are very competitive and possessing the minimum requirement does not guarantee admission.

Acceptable qualifications

We welcome applications from candidates offering combinations of 'A' levels, Advanced Subsidiary, Vocational 'A' Levels and Vocational Advanced Subsidiary. Typical offers will stipulate grades to be attained in Y13. They will usually be framed around successful completion of at least 18 units or the three full 'A' Level equivalents. We would hope that candidates would take four AS Levels in Y12, converting three of them to 'A' Levels in Y13. We appreciate that we will be presented with a wide variety of subjects at AS Level and look favourably on applicants who offer their fourth AS in a contrasting subject. We understand the differences in resources between schools and endeavour not to disadvantage applicants who have been unable to take four AS Levels.

The University excludes 'A' Levels in General Studies, Citizenship Studies and Critical Thinking.

Overseas qualifications

We have extensive experience in welcoming students from many countries and assessing their educational background. School-leaving qualifications that may be considered for entry include:

- Australian school leaving certificates
- Canadian school leaving certificates
- Hong Kong Advanced and Advanced Supplementary
- Indian Year XII (some boards)
- International Foundation courses from a recognised provider
- Iranian Pre-University
- Malaysian Sijil Tinggi Persekolahan
- USA Advanced Placement tests.

Please contact the Admissions Office with any queries about University policy on overseas qualifications. More details on common overseas qualifications accepted at City can be found on our website at www.city.ac.uk/international.

Non-standard entrants

Applicants who do not have the standard academic requirement but who have significant life or work experience may be considered on individual merit. The course descriptions in this prospectus give you a general indication of an appropriate background for a course.

Although you will need to apply for the course through UCAS, it is a good idea to contact admissions tutors first. They will discuss with you whether the degree is likely to help you achieve your goals and how your experience and educational background match the course requirements.

Evidence of recent study, such as an 'A' Level evening class, an Open University Foundation course or a kite-marked Access course, is helpful. Some courses at City have Foundation courses that prepare you for the first year of an undergraduate degree: please see subject pages for details of these courses.

Equal opportunities

All applications are considered on individual merit and in accordance with our equal opportunities policy. Our admissions staff will look at your qualifications, background and experience and aim to ensure that you are given full and equitable treatment in pursuing your chosen course of study.

We admit students with the potential to succeed in higher education and welcome applications from people regardless of their gender, religion, age, race, national origin, social background, marital or parental status, sexual orientation or disability. We are also committed to the principles of widening participation and encourage applicants from disadvantaged and non-conventional academic backgrounds.



UCAS tariff tables

The UCAS tariff allocates points to various qualifications, allowing us to make comparisons between applicants with different qualifications.

If you receive an offer that contains a tariff points score, you must read the conditions carefully to ensure you understand what you are required to achieve. Some offers, for example, may exclude certain subjects or units from your total score. An explanation of the UCAS tariff and a full list of the qualifications it covers is available on the UCAS website.

BTEC Qualifications (QCF) Suite of qualifications known as Nationals

Grade				Tariff points
Extended Diploma	Diploma	Subsidiary Diploma	Certificate	
D*D*D*				420
D*D*D				400
D*DD				380
DDD				360
DDM				320
DMM	D*D*			280
	D*D			260
MMM	DD			240
MMP	DM			200
MPP	MM			160
		D*		140
PPP	MP	D		120
	PP	M		80
			D*	70
		P	D	60
			M	40
			P	20

OCR nationals

Grade			Tariff points
National Extended Diploma	National Diploma	National Certificate	
D1			360
D2/M1			320
M2			280
M3	D		240
P1	M1		200
P2	M2/P1		160
P3	P2	D	120
	P3	M	80
		P	40



Telephone enquiries

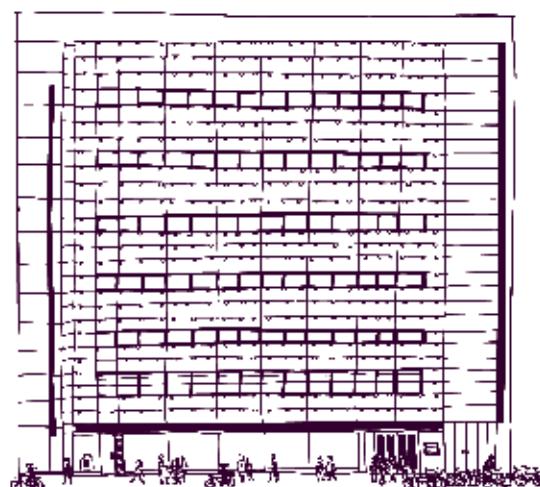
UCAS Customer Contact Centre:
+44 (0) 871 468 0468



Find out more, visit
www.ucas.com

General Certificate of Education (GCE: 'A' Level) and Advanced Vocational Certificate of Education (AVCE)

Grade					Tariff points
GCE and AVCE Double Award	'A' Level with additional 'AS' Level (9 units)	GCE 'A' Level and AVCE	GCE 'AS' Level and Double Award	GCE 'AS' Level and 'AS' Level VCE	
A*A*					280
A*A					260
AA					240
AB					220
BB	A*A				200
BC	AA				180
	AB				170
CC					160
	BB				150
CD	BC	A*			140
DD	CC	A	AA		120
	CD		AB		110
DE		B	BB		100
	DD		BC		90
EE	DE	C	CC		80
			CD		70
	EE	D	DD	A	60
			DE	B	50
		E	EE	C	40
				D	30
				E	20



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, Mathematics or Actuarial Science at City University London. For more information please visit www.westking.ac.uk.

Additional information

Full information on entry requirements, start dates and how to apply to Foundation programmes can be found on the websites of our partner institutions. You should usually have achieved good grades in your own education system to be considered for a place on any of these courses. Courses also offer English language preparation, either in combination with academic studies or if you simply need to improve your language skills. We also recognise university preparatory courses offered by David Game College and Bellerbys College. Other preparatory courses are accepted on an individual basis.

For further information for international students, please see the International Students section on page 10 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 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

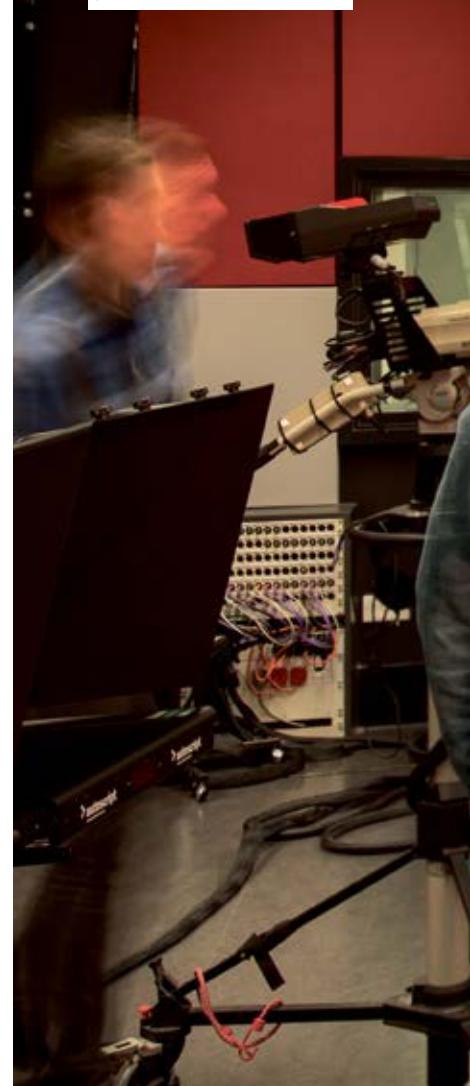
Your application for entry in September 2015 should arrive at UCAS between 1st September 2014 and 15th January 2015. Applications that arrive after 15th January 2015 will be considered only at the University's discretion. When your application is acknowledged by UCAS, you will be sent a personal identification 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.

Ayub Nouinou
BA (Hons) Journalism, first year

Although I'm only in my first year, I feel as though I've done so much already: I've attended evening lectures given by guest speakers from the world of journalism, I've completed several assignments and I also have an internship with *The South African*, a newspaper for the UK South African community. Lectures are really inspiring and the facilities for learning are great: City's reputation in journalism is well-deserved. Where do I hope to go when I graduate? *The Times* or the *New York Times*, hopefully!

City's state-of-the-art broadcasting studio, located in the Department of Journalism, allows students to develop their professional skills.



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 2014

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, led by academic staff, on the degrees we offer at City. These talks cover entry requirements, course content and structure and opportunities for work placements and study abroad. Academic staff are also available during the day, ready to answer any questions you may have. Finally, talks run by our Student Centre and our Students' Union cover areas from funding your studies and options for accommodation through to sport, leisure and social events.

In 2014, our Open Days are on Wednesday 2nd July and Saturday 27th 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/visit-us. Alternatively, look out for the City 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/ug2015/visit-us

Open Days in 2014 will be held on:

Wednesday 2nd July

Saturday 27th September



Open Days in 2014 will be held on: Wednesday 2nd July and Saturday 27th 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 and Old Street on the Northern line (Bank branch) and Barbican and Farringdon on the Metropolitan, Circle and Hammersmith & City lines.

Bus routes that pass close to City include the following:

4, 19, 30, 38, 43, 55, 56, 63, 73, 153, 205, 214, 243, 274, 341, 394, 476.

Secure parking for bicycles is available on campus.

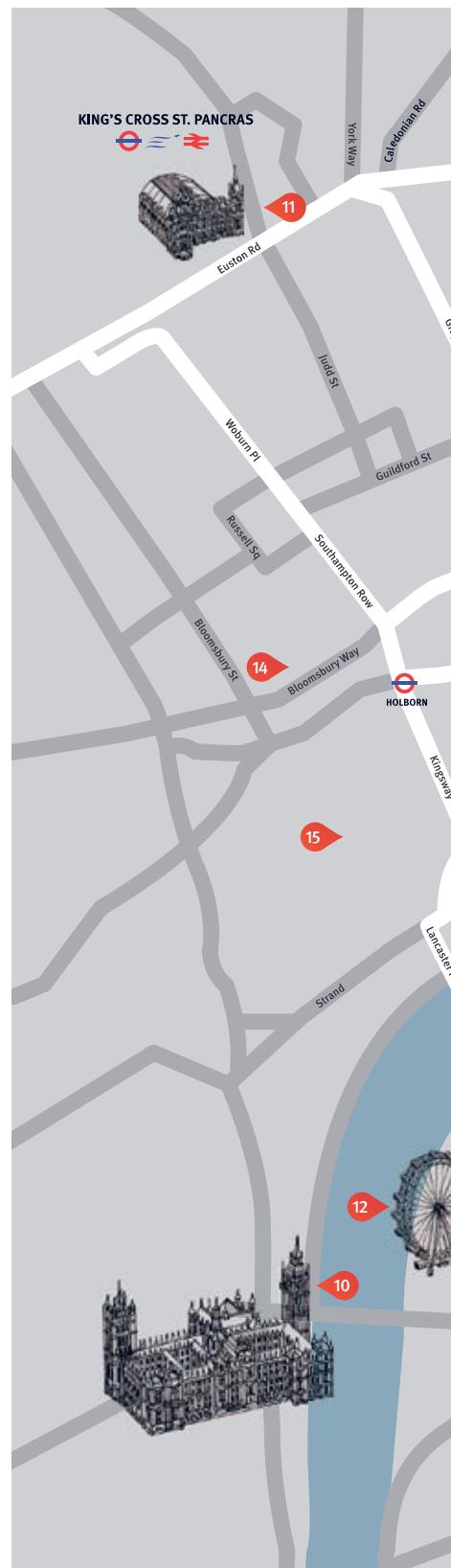
Parking in central London is limited and can be costly. There is metered parking available on the roads surrounding Northampton Square and the nearest National Car Park is on Pear Tree Street. Please also note that almost all of City's sites are within the congestion charging zone and drivers are liable to pay a daily charge.

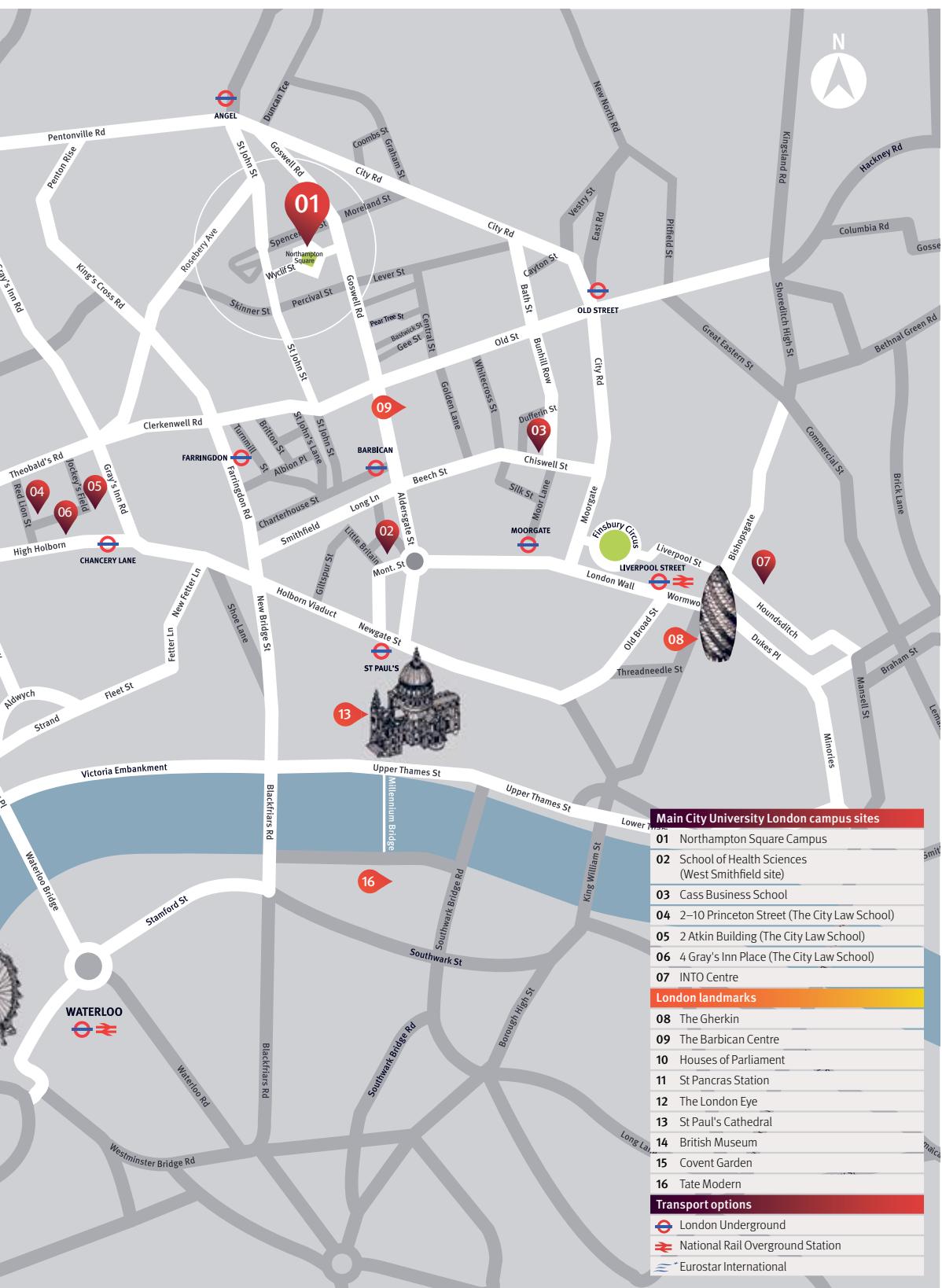
Reaching City from outside London

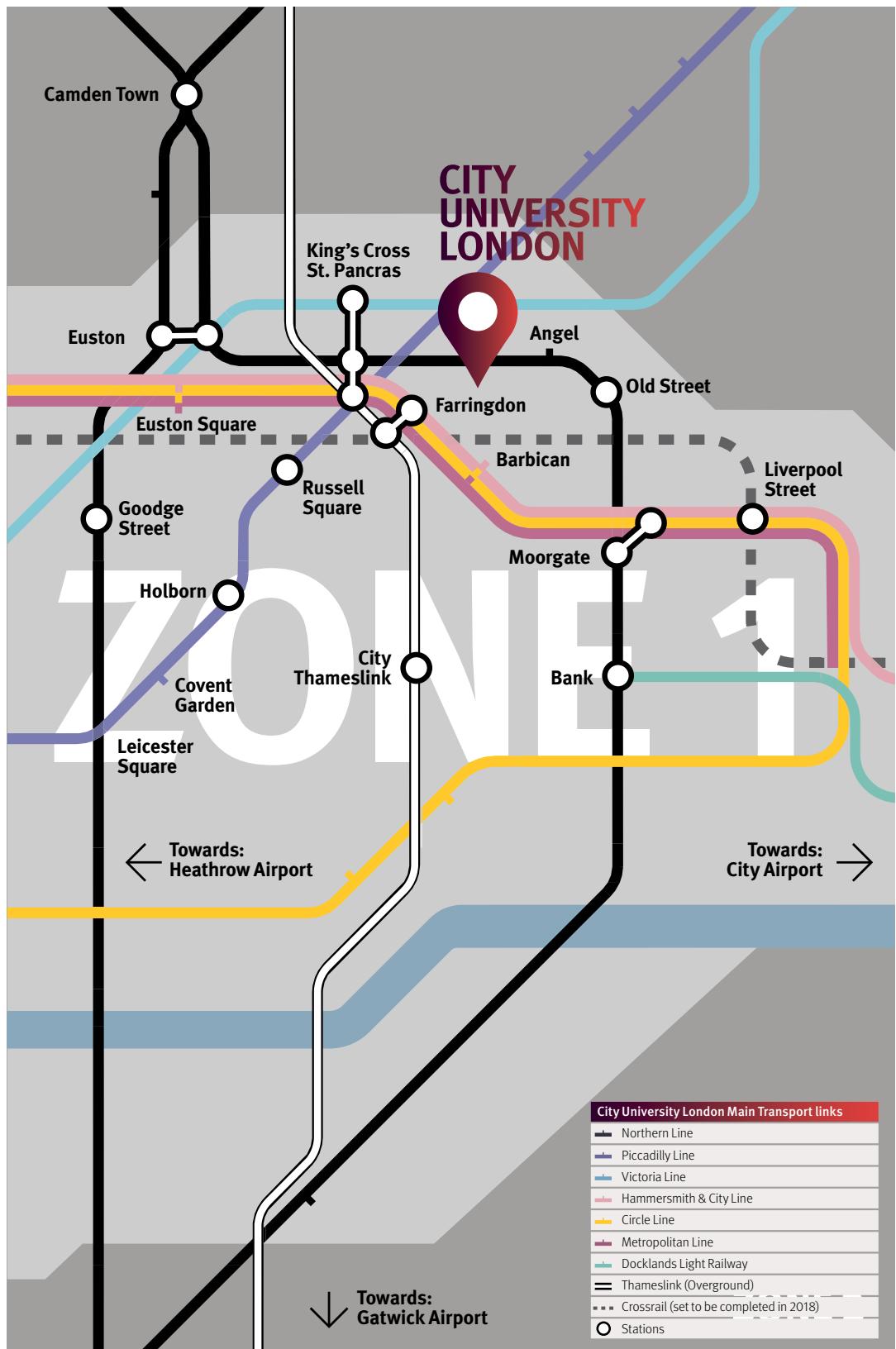
- Coach and train terminals in London link with Underground and bus networks
- Rail services connect Gatwick and Luton airports with Farringdon station
- The Heathrow Express train service connects Heathrow Airport with Paddington train station
- The Docklands Light Railway (DLR) connects London City 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.







General Index

A	
Academic staff	5, 17
Accommodation	11-13
Alumni	11, 28-29
Applying to City	152-155
Assessment	17
B	
Bursaries	23, 24-25
C	
Campus tours	162
Careers, Student Development & Outreach Service	27
Chaplaincy Service	9
Clubs	9
Counselling Service	9
D	
Disability support	9
Dyslexia support	9
E	
Eating	9
Employment	5, 27
Temporary work	27
Work placements	5
English language courses	11, 158
Entry requirements	154-155
UCAS tariff tables	156
Equal opportunities	155
F	
Facilities	14, 17, 19, 21
Foundation courses	11, 155, 158
Funding	22-25
H	
Health Service	9
I	
International	
International students	11
World Cities, World Class University Network	7
Partnerships	7
INTO City University London	159
IT Services	21
L	
Library	21
London	3, 169
M	
Map	165, 166
O	
Open Days in 2014	162
Q	
Quality Assurance Agency (QAA)	17
R	
Rankings	inside cover
Research	1, 5, 33, 67, 83, 105, 111
S	
Scholarships and prizes	24-25
Societies	9
Sport	9, 15
Student Centre	9, 11, 13, 23
Students' Union	9
Study abroad	7
T	
Travel information	164, 166
U	
UCAS	155, 156, 157, 160
Unitemps	27
V	
Visa requirements	11
Volunteering	27
W	
Widening participation	9

Course Index

A	
Accounting and Finance BSc (Hons)	68
Actuarial Science BSc (Hons)	70
Adult Nursing BSc (Hons)	84
Aeronautical Engineering MEng (Hons) or BEng (Hons)	112
Air Transport Engineering MEng (Hons) or BEng (Hons)	114
Automotive and Motorsport Engineering MEng (Hons) or BEng (Hons)	116
B	
Banking and International Finance BSc (Hons)	72
Biomedical Engineering MEng (Hons) or BEng (Hons)	118
Business Computing Systems BSc (Hons)	120
Business Studies BSc (Hons)	74
C	
Child Nursing BSc (Hons)	86
Civil Engineering MEng (Hons) or BEng (Hons)	122
Civil Engineering with Architecture MEng (Hons) or BEng (Hons)	124
Computer Science BSc (Hons)	126
Computer Science with Games Technology BSc (Hons)	128
Computer Systems Engineering BEng (Hons)	130
Criminology BSc (Hons)	34
Criminology and Sociology BSc (Hons)	36
Cultural and Creative Industries BA (Hons)	38
E	
Economics BSc (Hons)	40
Economics with Accounting BSc (Hons)	42
Electrical and Electronic Engineering MEng (Hons) or BEng (Hons)	132
Energy Engineering MEng (Hons) or BEng (Hons)	134
Engineering with Management and Entrepreneurship BEng (Hons)	136
F	
Financial Economics BSc (Hons)	44
I	
International Political Economy BSc (Hons)	46
International Politics BSc (Hons)	48
International Politics and Sociology BSc (Hons)	50
Investment and Financial Risk Management BSc (Hons)	76
J	
Journalism BA (Hons)	52
L	
Law LLB (Hons)	106
M	
Management BSc (Hons)	78
Mathematical Science MMath (Hons) or BSc (Hons)	138
Mathematical Science with Computer Science MMath (Hons) or BSc (Hons)	140
Mathematical Science with Finance and Economics MMath (Hons) or BSc (Hons)	142
Mathematical Science with Statistics MMath (Hons) or BSc (Hons)	144
Mathematics and Finance MMath (Hons) or BSc (Hons)	146
Mechanical Engineering MMath (Hons) or BSc (Hons)	148
Media Studies and Sociology BSc (Hons)	54
Mental Health Nursing BSc (Hons)	88
Midwifery BSc (Hons)	90
Music BMus (Hons)	56
O	
Optometry BSc (Hons)	92
P	
Psychology BSc (Hons)	58
R	
Radiography (Diagnostic Imaging) BSc (Hons)	94
Radiography (Radiotherapy and Oncology) BSc (Hons)	96
S	
Sociology BSc (Hons)	60
Sociology with Psychology BSc (Hons)	62
Speech and Language Science BSc (Hons)	98
Speech and Language Therapy BSc (Hons)	100
T	
Telecommunications BEng (Hons)	150



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 and many City of London livery companies are long-standing supporters of City.

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Design and production: Fabrik, London

Print: Linney Group

Project management: Marketing & Communications, City University London

Illustrations: Vic Lee; Katherine Baxter

Photography: Simon Jarratt, Duncan Phillips

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