



CITY UNIVERSITY
LONDON

Academic excellence for
business and the professions



POSTGRADUATE COURSES

SCHOOL OF INFORMATICS

COMPUTING AND INFORMATION SYSTEMS



“The MSc and the experience from the internship helped me to get the job!”

Prodeepa Sambandam
MSc Business Systems Analysis and Design
Mimecast, User Experience Intern

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The following additional courses, run by our Centre for Information Science feature in a separate brochure. For further details please visit www.city.ac.uk/lis

MSc/MA
Library Science
MSc
Information Science
MSc/MA
**Information Management
in the Cultural Sector**

Welcome



We live in the information age – the effective use of information underpins almost every organisation, large or small, and lies at the heart of successful businesses in the UK and internationally.

At City University London we pride ourselves in being able to fit graduates for their place in industry today, as we offer a wide range of courses and training to develop and instill what is needed – building the flexible and mobile skills for a changing world.

I am delighted that you are considering taking a postgraduate qualification at City University London to learn more about a range of key subjects in the field today and enhance what you can offer to a future employer, whether in the UK or indeed more widely. We build on a long and distinguished tradition of success and are immensely proud of the way our graduates have been at the forefront of industry and academia worldwide and benefitted both personally and professionally as a result.

I challenge you to make the most of the opportunities that taking one of our Masters degrees can offer – to allow you to become a leader in your field and to make what may be a transformation in your life and career as a result. I look forward to welcoming you to City, to the School of Informatics, to take that next important step and make the most of the opportunities that lie ahead.

Professor Kenneth Grattan FEng
Dean of the School of Informatics

Why study at City?



About the School of Informatics

City University London is different. We provide exceptional postgraduate employment prospects as a result of our commitment to academic excellence, focus on business and the professions and the benefits of our central London location.

EXCEPTIONAL EMPLOYMENT PROSPECTS

Over 87% of our postgraduate students were employed within six months of graduation – compared to the national average of 78% (HESA Statistics, 2010).

SCHOLARSHIPS

The School of Informatics has a selection of postgraduate Scholarships at school and course level, find out more at www.city.ac.uk/informatics/postgraduate/scholarships-and-funding

ACCREDITED BY BCS, THE CHARTERED INSTITUTE FOR IT/ CILIP

The majority of our courses are accredited by the BCS and offer our students a pathway to Chartered IT Professional, (CITP) status. Additionally the MSc Information Management is accredited by the Chartered Institute of Library and Information Professionals.

INTERNSHIPS IN INDUSTRY

As a postgraduate student in the School of Informatics you have an unrivalled opportunity to gain six months of professional experience as part of your Masters degree while you complete a client-based project. We have over 20 years experience of supporting our students to secure placements with organisations that are best suited to their interests. Internships are available to both UK/EU and international students on most of our courses. For more information go to www.city.ac.uk/informatics/postgraduate/internships-in-industry

INDUSTRY LINKS

The School has professional links with industries across the globe.

ACADEMIC EXCELLENCE AND RESEARCH

Our academic research in artificial intelligence, information management and human-computer interaction is respected internationally. City University London is a European centre of excellence for software engineering research. For more information go to www.city.ac.uk/informatics/research

FACILITIES

The School of Informatics is housed in purpose-built premises in the historic College Building at the main University site. Students benefit from specialist teaching rooms and laboratories, including a well established SAP lab and the new Human Computer Interaction Design lab supported by The Vodafone UK Foundation.

CENTRAL LONDON LOCATION

We are located in the heart of London, in a vibrant cultural area that includes the Barbican Centre and Sadler's Wells theatre as well as numerous cafes and restaurants. For more information please visit www.city.ac.uk/visit

Internships in Industry

Employability through experience

Postgraduate students on a Computing and Information Systems course are offered the opportunity to complete up to six months of professional experience as part of their degree.

INTERNSHIPS IN INDUSTRY

Our longstanding internship scheme gives you the chance to apply the knowledge and skills gained from your taught modules in a real business environment. An internship also provides students with professional development opportunities that enhance their technical skills and business knowledge.

Internships delivered by City University London offer an exceptional opportunity to make you stand out in a competitive job market.



Rebecca McKavanagh
MSc Business Systems Analysis and Design
Reading Room, User Experience Intern

"I wanted more expertise in managing projects, and was particularly interested in systems analysis and design. Undertaking the MSc expanded my knowledge and confidence considerably and the skills I learnt made me more employable. I did an internship at Reading Room, which was an invaluable experience.

"My current role is in user experience at a digital consultancy company, and I am involved in a range of projects in the public, private and the third sector. I am involved in user requirements gathering, putting together digital strategy reports and in usability evaluations. I also put together social media campaigns and project manage.

"The internship opened up opportunities for me."



Pradeepa Sambandam
MSc Business Systems Analysis and Design
Mimecast, User Experience Intern

"My internship involved UI/UX design, designing prototypes and implementing visualisation for e-mail data in order to bring out interesting relations within the data.

"Data visualisation was a new and interesting area. It required me to put into practice the skills I picked up during my MSc course, as well as demanding creativity and a keen sense of design and aesthetics.

"This role gave me an opportunity to work within a development environment of a product-based company, as well as interact with some of the leading minds in the industry. The internship opened up opportunities for me, and I am delighted to say that I was offered a permanent role upon completion of my internship."



Kate Dymoke-Bradshaw
MSc Health Informatics
Royal Free Hampstead NHS Trust

"I worked as an analyst in the early stages of a project to implement electronic medicines management at the Trust.

"Although I was an experienced business analyst, I had not worked in the NHS before. The internship gave me the practical experience of working in a major London NHS Trust that I wanted.

"I now have a permanent job as a business analyst at my local NHS Trust. I'm sure that the MSc and the experience from the internship helped me to get the job!"

How do internships work?

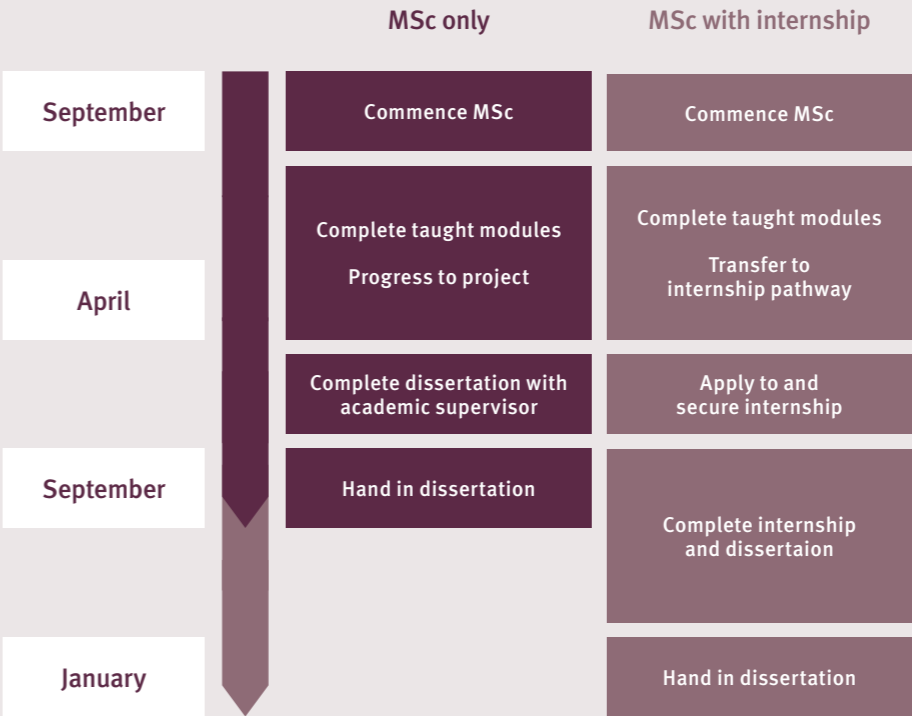
The structure of the courses extends the period for dissertation submission to January, allowing students to work full-time for up to six months.

Please see the schematic for more information:

PREVIOUS PROJECTS

A few examples of previous internship projects

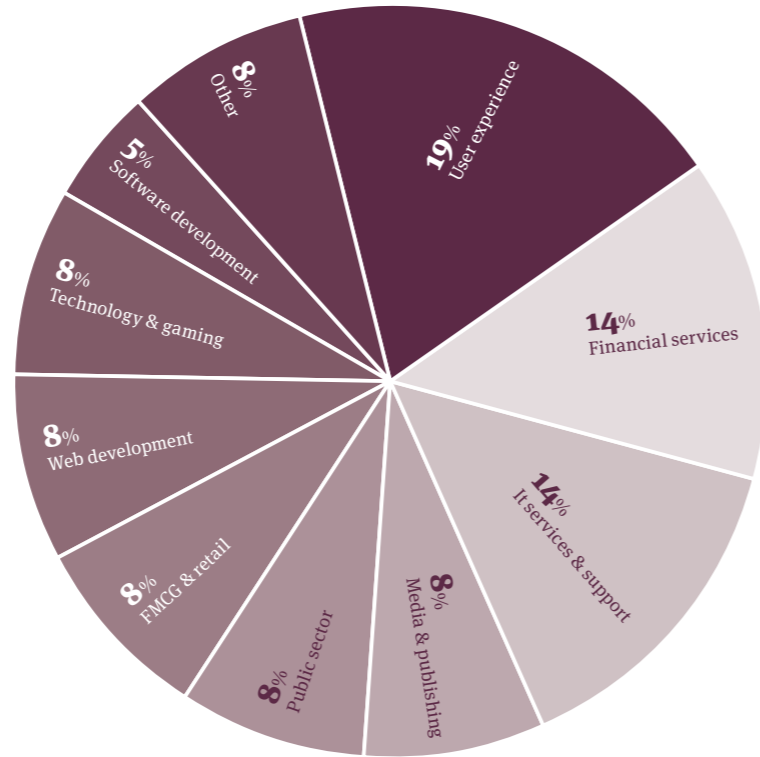
- Investigating the use of EEG (ElectroEncephaloGraphy) and eye-tracking in measuring user experience
- Design and implementation of a client-server based task management and process monitoring system
- A strategy for the implementation of web collaborative technologies at London Borough of Hackney
- Development of a lender product administration database
- Investigating a role for heart rate variability in usability testing.



Internships: What do our students do and where do they go?

Our students undertake internships in a wide range of sectors across both large and small enterprises; see the chart for a breakdown of areas in which our students have completed internships.

Students may complete a range of tasks as part of their internship including: software, game and web development, systems investigation, analysis and design, documentation and user testing.



UNRIVALLED SUPPORT AND RECOGNITION

City University London has been operating a sector-leading IT placement scheme for over 15 years. The School of Informatics has an excellent reputation within the IT industry across a wide range of employers, both large and small.

Our dedicated unit actively seeks out internship opportunities for you. While on internship, you will receive regular visits from City's Work-based Learning Advisors who provide support in helping you achieve the most from your IT industry experience. You will also receive support from your academic supervisor regarding your dissertation.

Our BCS approved professional development scheme gives you both career development planning and evidence of experience that you can use when applying for professional positions. This can accelerate your progression to Chartered IT Practitioner (CITP) status, the gold-standard for IT professionals, as time spent on internship counts as IT work experience.

“The postgraduate interns on our web programme have been excellent. Their contributions have been extremely positive to both the department and the council as a whole. Our most recent intern has become an invaluable colleague”

Gillian Wheeldon
Head of eBusiness,
London Borough of Hackney

Supported by
 Hackney

Benefits of completing an internship at City

Develop new skills

Internships offer on-the-job learning that will help enhance your skill set and add to your CV.

Exclusive opportunities

The Professional Liaison Unit is a dedicated team of internship and professional development specialists. We hold longstanding relationships with a large range of employers and proactively seek out exclusive internship opportunities to suit student needs and interests.

Central point of contact

You will be assigned a Work-Based Learning Advisor who will provide help and support throughout the internship process, from applying to roles through to completion of your Masters.

Enhance your employability

Organisations are very keen to employ graduates with existing professional experience. It is common for internship providers to offer interns full-time positions on completion of their Masters.

Give you the opportunity to gain an insight into an organisation and industry without any long-term obligations

This will help you with future career planning.

Give you a head start in your chosen field

With the experience you gain, you may be able to enter an organisation at a higher level on completion of your studies.

Develop your network of professional contacts

This will be useful when you come to apply for positions and roles within your preferred area.

Earn while you learn

The majority of internship providers pay a competitive salary.

SAP Certification



Your MSc

- taught modules include:
Business Engineering with
ERP Solutions

SAP 'TERP10' Certification

Internship

Your Career

City University London is one of an exclusive group of universities in the UK working with SAP to deliver solution architect training to students. MSc students are now eligible* to register for the SAP 'TERP10' Certification Training course at a substantial discount.

* Available for students on the following degrees: Business Systems Analysis and Design, e-Business Systems, Software Engineering and Information Management and Information Systems and Technology.

Your MSc includes a lab-based module on engineering business software applications and services, raising awareness of solutions from SAP and competitors, and teaching engineering methods using solutions including SAP ERP. Students will also have access to our current research collaborations with SAP on computer-based security and workbased learning systems.

ADDED BENEFIT TO YOUR MSc DEGREE

SAP Certification Training 'TERP10' is the entry level SAP solution consultant certification course. It focuses on how the fundamental integrative business processes interact within SAP ERP, including: Procurement, Manufacturing, Planning, Project Management, Sales, Customer Service, Enterprise Asset Management, Financials, Human Capital Management, and Analytics.

You will:

- receive focused, specialised training in SAP ERP which is used by over 45,000 small and medium enterprises as well as large corporations around the world
- learn about key business processes and understand integration points and key controls of SAP ERP
- get the opportunity to earn entry level solution consultant certification recognised globally by SAP, its customers and partners.

ENHANCE YOUR CAREER WITH SAP EXPERTISE

Internships may be used to build on this with six months of professional IT experience at SAP providers and customers. Your internship in industry will ensure you get to apply the skills you have learned during your MSc and your

SAP consultancy training. This is a unique opportunity to enhance your marketability with prospective employers.

The 'TERP10' certification course will help solution architects, project managers, project team members, and solution consultants to gain a broad overview of the core business processes, business interrelations and integration of the individual business applications within the SAP ERP solution.

ABOUT SAP

SAP is the world's leading provider of business software, offering applications and services that enable companies of all sizes and in more than 25 industries to become best-run businesses. With more than 75,000 customers in over 120 countries, SAP is listed on several exchanges, including the Frankfurt stock exchange and NYSE, under the symbol "SAP." For more information, visit www.sap.com

MARTIN GOLLOGLY

Head of SAP University Alliances, SAP

"SAP is delighted to enhance its relationship with the School of Informatics at City University London by providing SAP Professional Training to MSc students. SAP being widely used in UK businesses and around the world, the demand for 'SAP aware' graduates is growing dramatically. We feel it is a strong added benefit to MSc students that the School of Informatics are now able to train their students in the use of SAP software and the changes in business processes enabled by SAP software."

Career paths



Continuing my studies

Current occupation: Business Analyst
Employer: Citigroup

"After achieving a 2:1 in BSc (Hons) Computer Science, I decided to stay in higher education and study an MSc in Business Systems Analysis and Design. I wanted to specialise in a career towards aligning business strategy with IT."

Alastair Villapane

MSc Business Systems Analysis and Design



Enhancing my studies

Current occupation: Freelance GP

"I chose to do this course to gain more knowledge about informatics in the healthcare domain so that I could enhance my career. I am a GP with an interest in computer technology."

Ovidiu Merlas

MSc Health Informatics



Changing my career

Current occupation: Scientist, Data Analyst
Employer: Institute of Cancer Research

"I took the course to change my career. I have a Bachelors degree in Economics, but always had an interest in computing. This course was a perfect mix."

Tokhir Dadaev

MSc Business Systems Analysis and Design

MSc Business Systems Analysis and Design

This course will equip you with specialist knowledge ranging from business systems requirements analysis and design, software systems engineering and data modelling to IT strategy, project management and business engineering with ERP solutions.



Practical work is emphasised throughout to develop understanding and skills which are strengthened by the interactive teamwork approach. The course has an excellent track record in producing employable hybrid IT/business professionals.

COURSE CONTENT

THE COURSE DEVELOPS:

- Skills in business awareness, design and consultancy to facilitate the alignment of IT systems and services with business objectives
- The specialist understanding of theoretical principles in business systems analysis and design
- Technical skills, through practical laboratory work, to enable you to apply your knowledge of IT and how it affects business competitiveness.

MODULES INCLUDE:

Eight core taught modules:

- Business engineering with ERP solutions
- Databases
- Information systems planning and strategy
- Interaction design
- Practical business systems consultancy
- Project management
- Research methods and professional issues
- Systems specification or requirements engineering†.

You will also complete an independent research project.

† You can choose between these two modules. You will be asked to make a choice at the start of your studies, after consultation with the course director and module leaders. Part-time students should note that the requirements engineering module is not offered in the evenings.



“Studying for this degree and my summer internship with The Economist Group gave me with the confidence to apply for jobs with the passion for the career I wanted. I’m continuously learning everyday and my career progression is leading me into a project manager role much quicker than I had anticipated!”

Alastair Villapane
Business Analyst, Citigroup
MSc Business Systems Analysis & Design

SAP CERTIFICATION

Extending our long established relationship with SAP, we now offer SAP Certification training. MSc students are now eligible to register for the SAP TERP10 Certification course at a substantial discount.

FURTHER STUDIES

Upon completion of their Masters degree, some students may choose to continue their studies by joining our vibrant community of research students and studying towards a doctoral level qualification. This route is particularly suited to talented individuals who wish to develop their research skills, to undertake rigorous and inspirational research and ultimately obtain a PhD.

INTERNSHIPS

This course offers an optional internship: six months of professional IT industry experience as part of your postgraduate degree.

PROFESSIONAL ACCREDITATION

This course is accredited by the BCS for partial fulfilment of the academic requirement for Chartered IT Professional, (CITP) status.

EMPLOYMENT OPPORTUNITIES

You will be prepared for employment in roles such as systems analyst, IT consultant and systems integrator – understanding the role IT systems play in supporting organisations and management.

SCHOLARSHIPS

For the latest information on funding your postgraduate studies please visit www.city.ac.uk/informatics/scholarships-and-funding

MSc Business Systems Analysis and Design

DURATION AND ASSESSMENT

Full-time:
one year

Part-time:
up to 28 months (evenings)

The course is assessed by a mixture of coursework and examination, plus a project dissertation. Students successfully completing eight taught modules and the research project will be awarded a Master of Science (MSc) degree.

All modules in this course are supported by the University’s online learning environment.

ENTRY REQUIREMENTS

The minimum entry requirement is a good second class Honours degree from a UK university, a recognised equivalent from an accredited international institution or an equivalent professional qualification. Previous academic and commercial experience will be considered. Applicants should have good professional English.

For those students whose first language is not English, one of the following qualifications is also required:

- IELTS: 6.5
- TOEFL (internet based): 100.

FEES

You can find information on the fees related to this course at www.city.ac.uk/courses/postgraduate/business-systems-analysis-and-design

NEXT STEPS

Open Evenings:
Visit www.city.ac.uk/informatics/postgraduate

How to apply:
Refer to information on page 38

@
Email enquiries
pgenquire@soi.city.ac.uk

☎
Phone enquiries
+44 (0)
20 7040 0248

🖱
Find out more now
at city.ac.uk/informatics/postgraduate

MSc e-Business Systems

This course is professionally focused, providing the knowledge and skills necessary for embarking on a career as a technically competent business software developer. You will develop expertise in areas such as programming, databases, design and specification, as well as relevant business topics such as ERP and e-commerce.



In addition to its strong practical orientation, the course also provides knowledge of the research principles, methods and techniques necessary for undertaking research in the field of software engineering or e-commerce.

COURSE CONTENT

THE COURSE DEVELOPS:

- Skills in developing software using modern programming languages and methods
- Skills in designing and creating e-business software systems to solve realistic problems
- Skills in evaluating and using different standards, platforms and architectures for building interoperable e-business systems.

MODULES INCLUDE:

Eight core taught modules:

- Business engineering with ERP solutions
- Databases
- E-commerce
- Interaction design
- Programming in Java
- Research methods and professional issues
- Software systems design
- Systems specification.

You will also complete an independent research project.



“The e-business Systems course content and most importantly the internship program appealed to me and it looked like a very good opportunity to boost my career prospects. I got an internship offer and now continue to work for that company. So I am a very happy person today in realising my dream.”

Jayanthi Chandrasekaran
MSc e-business Systems

SAP CERTIFICATION

Extending our long established relationship with SAP, we now offer SAP Certification training. MSc students are now eligible to register for the SAP TERP10 Certification course at a substantial discount.

FURTHER STUDIES

Upon completion of their Masters degree, some students may choose to continue their studies by joining our vibrant community of research students and studying towards a doctoral level qualification. This route is particularly suited to talented individuals who wish to develop their research skills, to undertake rigorous and inspirational research and ultimately obtain a PhD.

INTERSHIPS

This course offers an optional internship: six months of professional IT industry experience as part of your postgraduate degree.

PROFESSIONAL ACCREDITATION

This course is accredited by the BCS for partial fulfilment of the academic requirement for Chartered IT Professional, (CITP) status.

EMPLOYMENT OPPORTUNITIES

You will be prepared for employment as a high-quality software development professional who has the wider business knowledge necessary for e-business enabled enterprises.

SCHOLARSHIPS

For the latest information on funding your postgraduate studies please visit www.city.ac.uk/informatics/scholarships-and-funding

MSc e-Business Systems

DURATION AND ASSESSMENT

Full-time:
one year

Part-time:
up to 28 months (daytime)

The course is assessed by a mixture of coursework and examination, plus a project dissertation.

Students successfully completing eight taught modules and the research project will be awarded a Master of Science (MSc) degree.

All modules in this course are supported by the University's online learning environment.

ENTRY REQUIREMENTS

The minimum entry requirement is a good second class Honours degree from a UK university, a recognised equivalent from an accredited international institution or an equivalent professional qualification. Previous academic and commercial experience will be considered. Applicants should have good professional English.

For those students whose first language is not English, one of the following qualifications is also required:

- IELTS: 6.5
- TOEFL (internet based): 100.

FEES

You can find information on the fees related to this course at www.city.ac.uk/courses/postgraduate/e-business-systems

NEXT STEPS

Open Evenings:
Visit www.city.ac.uk/informatics/postgraduate

How to apply:
Refer to information on page 38

MSc Software Engineering

This industry-focused course will extend your prior computing education, experience and skills by providing you with a thorough knowledge of software development as a technological and engineering discipline.



The focus of the course is on advanced engineering concepts and methods, as well as design issues for the development of high-quality complex software systems. These are explored using industrial-strength technologies, such as the C++ and Java object-oriented programming languages and the UML modelling language.

This course will cover significant trends in systems development, including service-oriented architecture, open-source systems and XML-enabled interoperable services. The course is delivered by acknowledged experts in software engineering and draws on our world-class research in this area.

COURSE CONTENT

THE COURSE DEVELOPS:

- Skills in analysing user requirements and designing appropriate software solutions
- Skills in designing and creating complex software systems to solve real-world problems
- Skills in evaluating and using advanced software engineering environments, design methods and programming languages
- Skills in evaluating and responding to recent trends in interoperability and software development.

MODULES INCLUDE:

Eight core taught modules:

- Advanced databases
- Open source systems OR Data visualisation OR Business engineering with ERP solutions†
- Programming in C++ OR Programming in Java†
- Requirements engineering
- Research methods and professional issues
- Service-oriented architectures
- Software systems design
- Systems specification.

You will also complete an independent research project.

†You can choose between these modules. You will be asked to make a choice at the start of your studies, after consultation with the course director and module leaders.



“City is a reputable academic institute attended by students from all over the world. From this course, I learned the theoretical concepts and acquired practical knowledge of software engineering. I recommend this course to students who are seriously interested in constructing software by applying software development methods and writing Java or C++ code.”

Junichiro Okuno
MSc Software Engineering

SAP CERTIFICATION

Extending our long established relationship with SAP, we now offer SAP Certification training. MSc students are now eligible to register for the SAP TERP10 Certification course at a substantial discount.

FURTHER STUDIES

Upon completion of their Masters degree, some students may choose to continue their studies by joining our vibrant community of research students and studying towards a doctoral level qualification. This route is particularly suited to talented individuals who wish to develop their research skills, to undertake rigorous and inspirational research and ultimately obtain a PhD.

INTERNSHIPS

This course offers an optional internship: six months of professional IT industry experience as part of your postgraduate degree.

PROFESSIONAL ACCREDITATION

This course is accredited by the BCS for partial fulfilment of the academic requirement for Chartered IT Professional, (CITP) status.

EMPLOYMENT OPPORTUNITIES

You will be prepared for employment in software houses, consultancies and with major software users such as the financial sector, where there is a significant demand for professionals with a deep knowledge of advanced software development and a rigorous engineering practice.

SCHOLARSHIPS

For the latest information on funding your postgraduate studies please visit www.city.ac.uk/informatics/scholarships-and-funding

MSc Software Engineering

DURATION AND ASSESSMENT

Full-time:
one year

Part-time:
up to 28 months (daytime)

The course is assessed by a mixture of coursework and examination, plus a project dissertation. Students successfully completing eight taught modules and the research project dissertation will be awarded a Master of Science (MSc) degree. All modules in this course are supported by the University's innovative online learning environment.

ENTRY REQUIREMENTS

The minimum entry requirement is a good second class Honours degree from a UK university, a recognised equivalent from an accredited international institution or an equivalent professional qualification. Previous academic and commercial experience will also be considered. Applicants should have significant previous exposure to computing, especially programming and relational databases.

For those students whose first language is not English, one of the following qualifications is also required:

- IELTS: 6.5
- TOEFL (internet based): 100.

FEES

You can find information on the fees related to this course at www.city.ac.uk/courses/postgraduate/software-engineering

NEXT STEPS

Open Evenings:
Visit www.city.ac.uk/informatics/postgraduate

How to apply:
Refer to information on page 38

MSc Computer Games Technology

This course is designed for graduates of computing-related degrees who want to develop their career in the games industry by further specialising their existing undergraduate education or who wish to update their skills after time in industry as a computing professional. Those with equivalent experience are also welcomed.



In particular, the project component gives you an opportunity to carry out an extended piece of work at the cutting edge of games technology under the supervision of one of our specialist academic and research staff.

COURSE CONTENT

THE COURSE DEVELOPS:

- Strong technical skills suitable for professional programming roles in the game industry
- Specialist knowledge in computer graphics, AI, physics and audio
- The ability to design and build game engines from scratch in industry standard languages, including C++
- Experience of the planning, management and execution of a major games technology project
- Knowledge of the games development process, including the pitch, design, and use of a game engine to build a demo.

MODULES INCLUDE:

Eight core taught modules:

- Computer games architecture
- Computer graphics
- Games development process
- Games physics and AI
- Music technology for games
- Programming in C++
- Research methods and professional issues
- Systems specification.

You will also complete an independent research project.



“I came to City to gain valuable experience programming, designing, and creating games and their underlying systems (AI, physics, graphics, etc). The lecturers and staff at City were superb, and the contacts I made while at the University were (and continue to be) invaluable.”

Jeffrey Georgeson
President, Quantum Tiger Games LLC
MSc Computer Games Technology

FURTHER STUDIES

Upon completion of their Masters degree, some students may choose to continue their studies by joining our vibrant community of research students and studying towards a doctoral level qualification. This route is particularly suited to talented individuals who wish to develop their research skills, to undertake rigorous and inspirational research and ultimately obtain a PhD.

INTERSHIPS

This course offers an optional internship: six months of professional IT industry experience as part of your postgraduate degree.

SCHOLARSHIPS

For the latest information on funding your postgraduate studies please visit www.city.ac.uk/informatics/scholarships-and-funding

PROFESSIONAL ACCREDITATION

This course is accredited by the BCS for partial fulfilment of the academic requirement for Chartered IT Professional, (CITP) status.

EMPLOYMENT OPPORTUNITIES

You will be equipped with advanced knowledge of and skills in a range of topics in games technology in preparation for a career in computer games development.

Professional roles include

- 3D graphics programmer
- Audio programmer
- Physics programmer
- AI programmer
- Simulation and game engine programmer
- Tools, utility and scripting programmer

EXAMPLES OF STUDENT WORK

Visit www.city.ac.uk/informatics/computer-games-technology for examples of student work and demos.

MSc Computer Games Technology

DURATION AND ASSESSMENT

Full-time:
one year
(evening and daytime)

Part-time:
up to 28 months
(evening and daytime)

The course is assessed by a mixture of coursework and examination plus a project dissertation.

All modules in this course are supported by the University's online learning environment.

Students successfully completing eight taught modules and the research project will be awarded a Master of Science (MSc) degree.

ENTRY REQUIREMENTS

The minimum entry requirement is a good second class Honours degree from a UK university in a numerate subject, plus substantial prior computing coverage, a recognised equivalent from an accredited overseas institution or an equivalent professional qualification. Previous academic and commercial experience will also be considered. Applicants should have good professional English.

For those students whose first language is not English, one of the following qualifications is also required:

- IELTS: 6.5
- TOEFL (internet based): 100.

FEES

You can find information on the fees related to this course at www.city.ac.uk/courses/postgraduate/computer-games-technology

NEXT STEPS

Open Evenings:
Visit www.city.ac.uk/informatics/postgraduate

How to apply:
Refer to information on page 38

MSc Human-Centred Systems

This course is delivered by the internationally renowned Centre for Human-Computer Interaction Design (HCID) and will equip you for a career in usability, user experience and human-computer interaction.



This course will provide you with research, theories and techniques for designing and evaluating interactive systems, from web to mobile and multi-touch devices. You will acquire leading-edge knowledge in advanced human-computer interaction design, requirements engineering, evaluating the usability of interactive systems and expertise in designing and evaluating systems for diverse user groups, including people with disabilities.

You will benefit from being able to use the Interaction Lab established originally with the support of the Vodafone UK Foundation. The Lab is equipped with the latest technologies, including eyetrackers, interactive tabletops and mobile testing stations.

No prior exposure to the topics of human-computer interaction (HCI) or user-centred design (UCD) is necessary. A practical background in computing technologies is desirable.

MODULES INCLUDE:

Seven core taught modules:

- Cognition and technologies
- Evaluation of interactive systems
- Inclusive design
- Information architecture
- Practices and theories of interaction design
- Requirements engineering
- Research methods and professional issues.

You will also complete one of the elective modules below:

- Creativity in design
- Multimedia design and development.

Followed by:

- an independent research project.



“City offers a multicultural and creative environment ideal for studying and networking. I did an internship at Fluent Interaction which turned into a full-time job and recently one of my projects was turned into a conference paper.”

Faidon Loumakis
UX Consultant at Fluent Interaction
MSc Human-Centred Systems

FURTHER STUDIES

Upon completion of their Masters degree, some students may choose to continue their studies by joining our vibrant community of research students and studying towards a doctoral level qualification. This route is particularly suited to talented individuals who wish to develop their research skills, to undertake rigorous and inspirational research and ultimately obtain a PhD.

INTERNSHIPS

This course offers an optional internship: six months of professional industry experience as part of your postgraduate degree.

PROFESSIONAL ACCREDITATION

This course is accredited by the BCS for partial fulfilment of the academic requirement for Chartered IT Professional, (CITP) status.

EMPLOYMENT OPPORTUNITIES

The course has a strong record of placing graduates in roles such as user experience consultant, information architect, usability specialist and accessibility specialist in leading consultancies and blue-chip IT companies.

SCHOLARSHIPS

For the latest information on funding your postgraduate studies please visit www.city.ac.uk/informatics/scholarships-and-funding

MSc Human-Centred Systems

DURATION AND ASSESSMENT

Full-time:
one year

Part-time:
up to 28 months
(mainly daytime/some evenings)

The course is assessed by a mixture of coursework and examination, plus a project dissertation.

Students who have successfully completed eight taught modules and the research project will be awarded a Master of Science (MSc) degree.

All modules in this course are supported by the University's online learning environment.

ENTRY REQUIREMENTS

The minimum entry requirement is a good second class Honours degree from a UK university, a recognised equivalent from an accredited international institution or an equivalent professional qualification. Previous experience with computer technologies and any academic and commercial experience will also be considered. Applicants should also have basic competence and familiarity with mathematics and good professional English. For those students whose first language is not English, one of the following qualifications is also required:

- IELTS: 6.5
- TOEFL (internet based): 100.

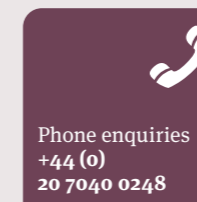
FEES

You can find information on the fees related to this course at www.city.ac.uk/courses/postgraduate/human-centred-systems

NEXT STEPS

Open Evenings:
Visit www.city.ac.uk/informatics/postgraduate

How to apply:
Refer to information on page 38



MSc/MA Electronic Publishing

Delivered jointly by the Department of Information Science and the Department of Journalism, this course offers a unique combination of specialist knowledge in areas such as design, publishing, technology and content production.



Our Masters in e-publishing is one of the most established and recognised courses of its type. We produce graduates with immediately marketable skills in content creation, design, technology and business and management processes relevant to electronic publishing. You will be encouraged to collaborate with organisations involved professionally in electronic publishing as part of your coursework and final project.

You will also benefit from superb computing and audiovisual equipment and facilities, including dedicated PC/Mac labs with specialist software, broadcast quality audio and video studios, portable audio recording technology for location use and professional digital video cameras.

MODULES INCLUDE:

Four taught core modules:

- Information architecture
- Interaction design
- Research methods and professional issues
- Writing and editing for electronic media.

Followed by four elective modules from a selection below:

- Cognition and technologies
- Data visualisation
- Databases
- Design and layout for electronic media
- E-commerce
- Information law and policy
- Multimedia design and development
- Open source systems
- Web applications development.

You will also complete a final project, where you apply the skills and experience you have developed, typically with an industry or commercial partner.



“I really enjoyed my time at City. The Electronic Publishing course gave me a solid grounding in numerous aspects of the industry that have been invaluable in my career as a web developer. Alongside the academic teaching we had plenty of contact with professionals who offered us advice and helped us learn practical skills.”

Pete Goodman
Freelance Web Developer, f9o ltd
MSc Electronic Publishing

FURTHER STUDIES

Upon completion of their Masters degree, some students may choose to continue their studies by joining our vibrant community of research students and studying towards a doctoral level qualification. This route is particularly suited to talented individuals who wish to develop their research skills, to undertake rigorous and inspirational research and ultimately obtain a PhD.

INTERNSHIPS

This course offers an optional internship: six months of professional industry experience as part of your postgraduate degree.

PROFESSIONAL ACCREDITATION

This course is accredited by the BCS for partial fulfilment of the academic requirement for Chartered IT Professional, (CITP) status.

EMPLOYMENT OPPORTUNITIES

You will be prepared for employment in the interactive publishing industry, pursuing creative as well as managerial roles such as web editor, internet content manager, web producer, web developer and creative manager of web and emerging technologies. Our employment record is excellent and our graduates are working in leading organisations in the UK and across the world.

SCHOLARSHIPS

For the latest information on funding your postgraduate studies please visit www.city.ac.uk/informatics/scholarships-and-funding

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MSc/MA Electronic Publishing

DURATION AND ASSESSMENT

Full-time:
one year

Part-time:
up to 28 months (daytime)

The course is assessed by a mixture of coursework and examination, plus an individual project leading to a dissertation.

Students successfully completing eight taught modules and the dissertation will be awarded either a Master of Arts (MA) or a Master of Science (MSc) degree.

All modules are supported by the University's online learning environment.

ENTRY REQUIREMENTS

The minimum entry requirement is a good second class Honours degree from a UK university or a recognised equivalent from an accredited international institution or an equivalent professional qualification. Work experience in some aspect of publishing or the information industry or evidence of participation in some relevant activity (e.g. student journalism, construction of web pages) will be advantageous. Previous academic and commercial experience will also be considered. Applicants should have good professional English.

For those students whose first language is not English, one of the following qualifications is also required:

- IELTS: 6.5
- TOEFL (internet based): 100.

FEES

You can find information on the fees related to this course at www.city.ac.uk/courses/postgraduate/electronic-publishing

NEXT STEPS

Open Evenings:
Visit www.city.ac.uk/informatics/postgraduate

How to apply:
Refer to information on page 38

MSc Information Systems and Technology

Information systems are a key part of an organisation's IT infrastructure. IT professionals who can manage a business's information resources and understand the technologies and systems that enable this are key to a modern enterprise's success.



This course prepares you for a professional career in information systems and the business services they provide. It takes a broad view of how organisations use information to maintain competitive advantage using our expertise in computing and information management.

COURSE CONTENT

THE COURSE DEVELOPS:

- An understanding of the characteristics of information systems, their management and technology and their effective use within organisations
- Skills in evaluating and selecting appropriate methods and technologies for representing, managing and disseminating information
- Expertise in contributing to the management of organisational information and the development of information systems using sound principles and modern techniques
- An appreciation of the necessary legal, ethical and professional values appropriate to the provision and management of information services.

MODULES INCLUDE:

The course includes five core modules:

- Databases
- Information architecture
- Information and knowledge management
- Research methods and professional issues
- Systems specification.

In addition you can choose three elective modules from the list† below:

- Business engineering with ERP solutions
- Data visualisation
- Information law and policy
- Information retrieval
- Multimedia design and development
- Open source systems
- Project management
- Software systems design
- Web applications technology.

†These elective modules are subject to change.



“This course covered technical IT and also had a management component that enhanced my career skills. The online support is extremely helpful and allowed me to complete the course whilst still working. I am now a Systems Analyst for a Swiss company and the course helped me understand Information systems from a whole new perspective.”

Maria Ines Ramos Martins da Costa
MSc Information Systems and Technology

SAP CERTIFICATION

Extending our long-established relationship with SAP, we now offer SAP Certification training. MSc students are now eligible to register for the SAP TERP10 Certification course at a substantial discount.

FURTHER STUDIES

Upon completion of their Masters degree, some students may choose to continue their studies by joining our vibrant community of research students and studying towards a doctoral level qualification. This route is particularly suited to talented individuals who wish to develop their research skills, to undertake rigorous and inspirational research and ultimately obtain a PhD.

INTERSHIPS

This course offers an optional internship: six months of professional IT industry experience as part of your postgraduate degree.

PROFESSIONAL ACCREDITATION

This course is accredited by the BCS for partial fulfilment of the academic requirement for Chartered IT Professional, (CITP) status.

EMPLOYMENT OPPORTUNITIES

You will be prepared for employment in information systems management roles in large and small organisations, including banks, consultancies, the pharmaceutical and IT industries, central and local government and the education and health sectors.

SCHOLARSHIPS

For the latest information on funding your postgraduate studies please visit www.city.ac.uk/informatics/scholarships-and-funding

MSc Information Systems and Technology

DURATION AND ASSESSMENT

Full-time:
one year

Part-time:
up to 28 months (daytime)

The course is assessed by a mixture of coursework and examination, plus a project dissertation. Students successfully completing eight modules and the dissertation will be awarded a Master of Science (MSc) degree.

All modules in this course are supported by the University's online learning environment. E-learning support allows some flexibility in study.

ENTRY REQUIREMENTS

The minimum entry requirement is a good second class Honours degree from a UK university, a recognised equivalent from an accredited international institution or an equivalent professional qualification. Applicants should have basic competence and familiarity with mathematics and good professional English.

For those students whose first language is not English, one of the following qualifications is also required:

- IELTS: 6.5
- TOEFL (internet based): 100.

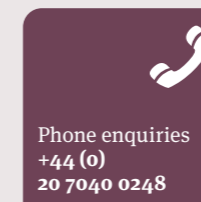
FEES

You can find information on the fees related to this course at www.city.ac.uk/courses/postgraduate/informatics-systems-and-technology

NEXT STEPS

Open Evenings:
Visit www.city.ac.uk/informatics/postgraduate

How to apply:
Refer to information on page 38



MSc Information Management

Information systems are a key part of an organisation's IT infrastructure. IT professionals who can manage a business's information resources and understand the technologies and systems that enable this are key to a modern enterprise's success.



This course provides a specialist focus on the management of information and utilising information systems in organisations to provide effective information services.

Your understanding of information and its role in organisations will enable you to align the enterprise and its information systems.

This course will equip you to develop your career in roles that include the management of business information and related services.

This prepares you for a range of information (system) management roles often found in banks, consultancies, pharmaceutical and other industries, central and local government, and the education and health sectors. The course is also excellent preparation for doctoral (PhD) study.

COURSE CONTENT

THE COURSE DEVELOPS:

- An understanding of the characteristics of information systems, their management and technology and their effective use within organisations
- Skills in evaluating and selecting appropriate methods and technologies for representing, managing and disseminating information
- Skills in contributing to the management of organisational information and the development of information systems using sound principles and modern techniques
- An appreciation of the necessary legal, ethical and professional values appropriate to the provision and management of information services.

MODULES INCLUDE:

Modules include:

- The course includes five core modules:
- Databases
 - Information architecture
 - Information and knowledge management
 - Research methods and professional issues
 - Requirements engineering.

In addition, students on this course will choose three elective modules from the list below:

- Business engineering with ERP solutions
- Data visualisation
- Information law and policy
- Information retrieval
- Open source systems
- Project management.



"The MSc in Information Management is a very good programme. City has really good facilities and the Professors and lecturers are very friendly and kind with the students. The final year project was based on Business Intelligence systems and Data Mining techniques and now I am working at a company as Business Intelligence and IT Consultant."

George Pavlou
Business Intelligence and IT Consultant,
Supernova Consulting
MSc Information Management

SAP CERTIFICATION

Extending our long established relationship with SAP, we now offer SAP Certification training. MSc students are now eligible to register for the SAP TERP10 Certification course at a substantial discount.

FURTHER STUDIES

Upon completion of their Masters degree, some students may choose to continue their studies by joining our vibrant community of research students and studying towards a doctoral level qualification. This route is particularly suited to talented individuals who wish to develop their research skills, to undertake rigorous and inspirational research and ultimately obtain a PhD.

INTERSHIPS

This course offers an optional internship: six months of professional IT industry experience as part of your postgraduate degree.

PROFESSIONAL ACCREDITATION

The course is accredited by the Chartered Institute of Library and Information Professionals (CILIP).

EMPLOYMENT OPPORTUNITIES

You will be prepared for employment in information systems management roles in large and small organisations, including banks, consultancies, pharmaceutical and IT industries, central and local government and the education and health sectors.

SCHOLARSHIPS

For the latest information on funding your postgraduate studies please visit www.city.ac.uk/informatics/scholarships-and-funding

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MSc Information Management

DURATION AND ASSESSMENT

Full-time:
one year

Part-time:
up to 28 months (daytime)

The course is assessed by a mixture of coursework and examination, plus an individual project in which you focus on a popular chosen topic under the supervision of a City academic with relevant experience.

Students successfully completing eight modules and the dissertation will be awarded a Master of Science (MSc) degree.

All modules in this course are supported by the University's online learning environment. Extensive digital materials and the University's strategic learning environment provide some flexibility in study.

The fee includes CILIP membership during the taught part of the course.

ENTRY REQUIREMENTS

The minimum entry requirement is a good second class Honours degree from a UK university, a recognised equivalent from an accredited international institution or an equivalent professional qualification. Applicants should also have basic competence and familiarity with mathematics and good professional English.

For those students whose first language is not English, one of the following qualifications is also required:

- IELTS: 6.5
- TOEFL (internet based): 100.

FEES

You can find information on the fees related to this course at www.city.ac.uk/courses/postgraduate/information-management

NEXT STEPS

Open Evenings:
Visit www.city.ac.uk/informatics/postgraduate

How to apply:
Refer to information on page 38

MSc Health Informatics

City University London's MSc in Health Informatics is the longest established postgraduate course in this field in Europe.



Typical applicants are clinical and allied health professionals who wish to enhance their careers, and computer scientists, engineers and others with relevant technical or professional qualifications who wish to move into a successful career involving the application of ICT in the health service and associated industries.

You will be part of a multi-professional and international cohort and will benefit both from a course of lectures given by leading experts and the University's location close to many hospitals and medical centres.

COURSE CONTENT

THE COURSE DEVELOPS:

- Knowledge and skills regarding the manner in which ICT can be employed to enhance the organisation and delivery of efficient and effective healthcare
- An ability to apply systems thinking in relation to complex problems in which ICT has the potential to enhance healthcare organisation and delivery
- Skills in tackling a major project relating to issues associated with ICT in the healthcare setting.

MODULES INCLUDE:

- Clinical records
- Data analysis with healthcare applications
- Databases
- Information architecture
- Information for decisions in healthcare
- Knowledge management in healthcare
- Research methods and professional issues
- Telemedicine.

You will also complete an independent research project.



"I liked the fact that the course was face to face with high quality taught material. Amongst others, I am now confident in understanding the statistics described in the research papers, designing healthcare databases and programming in Java. I think this course is a must for everybody who wants to work in the Healthcare IT domain."

Ovidiu Merlas
MSc Health Informatics

FURTHER STUDIES

Upon completion of their Masters degree, some students may choose to continue their studies by joining our vibrant community of research students and studying towards a doctoral level qualification. This route is particularly suited to talented individuals who wish to develop their research skills, to undertake rigorous and inspirational research and ultimately obtain a PhD.

INTERNSHIPS

This course offers an optional internship: six months of professional IT industry experience as part of your postgraduate degree.

SCHOLARSHIPS

For the latest information on funding your postgraduate studies please visit www.city.ac.uk/informatics/scholarships-and-funding

PROFESSIONAL ACCREDITATION

This course is accredited by the BCS for partial fulfilment of the academic requirement for Chartered IT Professional, (CITP) status.

EMPLOYMENT OPPORTUNITIES

You will be prepared for employment in the health service (both state and private sectors in the UK and internationally) and in related healthcare industries and organisations.

Our students have secured jobs as:

Information Governance Manager – NHS Trust
Programme Manager – Royal Medical College
Head of Analysis and Feedback – National Safety Agency
Associate Director ICT / CIO – NHS Trust
Lead Radiographer – NHS Foundation Trust
Interface Architect – Healthcare Software Provider
Product Manager – Imaging Solution Provider
eHealth Consultant – Health Ministry
PACS Manager – National Health Service



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Find out more now at city.ac.uk/informatics/postgraduate

MSc Health Informatics

DURATION AND ASSESSMENT

Full-time:
one year

Part-time:
up to 28 months (daytime)

The course is assessed by a mixture of coursework and examination, plus a project dissertation. Students successfully completing eight modules and the dissertation will be awarded a Master of Science (MSc) degree.

All modules on this course are supported by the University's innovative online environment.

ENTRY REQUIREMENTS

The minimum entry requirement is a good second class Honours degree from a UK university in a medical or numerate subject, a recognised equivalent from an accredited international institution or an equivalent professional qualification. Other degree subjects or professional qualifications can be accepted if a candidate has subsequently had relevant health service or industrial experience. Applicants should have good professional English in order to understand and produce literature of a complex technical nature.

For those students whose first language is not English, one of the following qualifications is also required:

- IELTS: 6.5
- TOEFL (internet based): 100.

FEES

You can find information on the fees related to this course at www.city.ac.uk/courses/postgraduate/health-informatics

NEXT STEPS

Open Evenings:
Visit www.city.ac.uk/informatics/postgraduate

How to apply:
Refer to information on page 38

MSc Information Security and Risk

Led by the internationally respected Centre for Software Reliability, this part-time Masters course is aimed at IT professionals with about five years' experience and will cover the skills and knowledge necessary to be successful in the most senior roles in information security and risk.



Concerns about cyber security and information risk have led to a growing market for technical specialists, but there is also a need for more senior professionals with an awareness of both technical and business issues who can bridge the gap between IT security and business risk.

This course addresses this need by combining appropriate technical material with the necessary management and professional skills, allowing graduates to be the link between corporate executives and technical specialists. Such professionals would be responsible for drawing up organisation strategies for managing security and risk, identifying trade-offs between multiple risks and the cost of protection, and advising higher management on these issues.

COURSE CONTENT

THE COURSE DEVELOPS:

The course supports the extra breadth of knowledge required by people with professional experience wanting to progress towards target roles in management or consulting on security, assurance and risk. This extra breadth is in the directions of:

- Principles of security and resilience
- Understanding security and risk as socio-technical rather than technical issues
- A common framework for considering risks with technical and human, accidental and malicious causes
- Communicating security issues to broad audiences of differing backgrounds
- Analysis of assurance (systems and policies) beyond mere compliance with standards and rules
- The business context for security and risk management
- Professional development and leadership skills.

MODULES INCLUDE:

Specialised security and risk modules:

- Assurance cases
- Information security management
- It risk and resilience
- Quantitative risk analysis.

Modules providing professional skills:

- Information leadership
- Professional development
- Socio-technical systems.

Students also complete an individual project, which applies the technical contents of the course to a concrete problem.



“This is the perfect course for experienced professionals, looking to move to the top levels in the field. You’ll get a meaningful academic qualification, taught by experts from the University and from Industry that will be directly relevant to your future career.”

Kevin D Jones
Professor, Centre for Software Reliability

FURTHER STUDIES

Upon completion of their Masters degree, some students may choose to continue their studies by joining our vibrant community of research students and studying towards a doctoral level qualification. This route is particularly suited to talented individuals who wish to develop their research skills, to undertake rigorous and inspirational research and ultimately obtain a PhD.

EMPLOYMENT OPPORTUNITIES

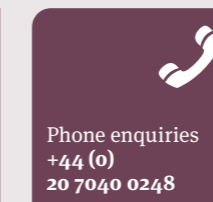
This course will appeal to companies and professionals that need to develop or improve their capability in managing IT-related security, in order to enter markets with higher demands of dependability and security, comply with new regulations, or re-qualify for new roles. Graduates should be suitable for consideration as the CISO or Security Architects and Senior Information Risk Managers.

SCHOLARSHIPS

For the latest information on funding your postgraduate studies please visit www.city.ac.uk/informatics/scholarships-and-funding



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MSc Information Security and Risk

DURATION AND ASSESSMENT

Part-time:
28 months

The course is assessed by a combination of coursework and presentation that reflects and builds upon your experience. Students successfully completing eight taught modules and a final project will be awarded a Master of Science (MSc) degree. The modules will be delivered in block mode, with students taking two modules per term. Modules can also be taken individually for Continuing Professional Development (CPD).

ENTRY REQUIREMENTS

The minimum entry requirement is a good second class Honours degree from a UK university, a recognised equivalent from an accredited international institution or an equivalent professional qualification. Previous academic and commercial experience will be considered. Applicants should have good professional English.

For those students whose first language is not English, one of the following qualifications is also required:

- IELTS: 7
- TOEFL (internet based): 107.

FEES

You can find information on the fees related to this course at www.city.ac.uk/courses/postgraduate/information-security-and-risk

NEXT STEPS

Open Evenings:
Visit www.city.ac.uk/informatics/postgraduate

How to apply:
Refer to information on page 38

MSc/MA/MInnov Innovation, Creativity and Leadership

This course offers an unique opportunity to study innovation, creativity and leadership from a fully rounded, interdisciplinary perspective, learning from leaders in each of the disciplines.



This course is suitable for those with management experience from any industry who want to:

- Learn how to tap into the creative potential of organisations and individuals
- Learn how to create a climate that enables and supports innovation
- Learn what processes to use to make groundbreaking ideas into innovative products.

COURSE CONTENT

The MICL combines art, business and design with psychology, law and technology to provide innovation leaders with a gateway to the cutting edge management models and tools that go beyond convention to tackle the big challenges of the 21st Century. A recent study suggests that 79% of UK managers see innovation as very/extremely important. The MICL aims to provide senior and middle managers in both the private and public sectors with the knowledge and skills to enable individuals, groups and organisations to harness creativity and deliver breakthrough innovation solutions.

The MICL has been designed to provide practical skills for a wide range of professional disciplines and types of organisations. The programme focuses on developing, applying and practicing the skills you learn, rather than just teaching the theory.

THE COURSE DEVELOPS:

- An in-depth understanding of what creativity and innovation is in different domains
- Knowledge and experience of a wide range of creativity and innovation processes, techniques and tools
- Awareness of individual and organisational constraints on creativity and innovation, and how these constraints can be overcome in different.

MODULES INCLUDE:

The course consists of eight core modules, taught by leaders in the relevant disciplines, as well as an individually tailored practical project or dissertation, personally supervised by two members of academic staff. The modules are:

- Creative problem solving and leadership (Cass Business School)
- Creative writing (School of Arts)
- Creativity and the creative industries (School of Arts)
- Delivering innovation – turning ideas into action (Cass Business School)
- Leading creative design (School of Informatics)
- Technologies for creativity and innovation (School of Informatics)
- The law, creativity and innovation (The City Law School)
- The psychology of creativity and innovation (School of Social Sciences).



“Taking this course has been a personal learning journey. I now approach my work with more confidence and look at the world with fresh eyes. The interdisciplinary nature of the course provides a lively and creative climate for study, useful frameworks and novel connections.

I would recommend it to anyone who is looking to bring about change – in whatever form that takes.”

Alison Duffy
Director of Per Diem Innovation Consultancy
MSc/MA/MInnov Innovation,
Creativity and Leadership

FURTHER STUDIES

Upon completion of their Masters degree, some students may choose to continue their studies by joining our vibrant community of research students and studying towards a doctoral level qualification.

VIEWS FROM INDUSTRY

“The program sounds terrific to me, especially for people in a product development/new product or marketing role”

Leigh Clapham
Vice President of Customer Delivery,
MasterCard Europe

“The interdisciplinary approach is particularly attractive – get a sense of exploring all angles – the law and the performing arts... that is a good thing”

Nick Kitchen
Vice President HR, Unilever R&D Worldwide

“We would be interested in looking at this course as an alternative to a sponsored MBA for the right type of applicant.”

Iain G. Ferguson
CEO, Tate & Lyle.

EMPLOYMENT OPPORTUNITIES

This is a highly practical course, geared to have immediate impact on students’ capabilities and bring lifelong rewards. At the same time, graduates will have built a diverse network of like-minded individuals – a rich source of ideas and mutual support. Students who complete this course might expect to gain senior management roles in a range of areas, including marketing, R&D, media, knowledge management, administration, the arts and innovation – in either the private or the public sector.

SCHOLARSHIPS

Each year, there is at least one fully funded scholarship for the MICL. In previous years, scholarships have been awarded to the winners of a competition hosted by Wired magazine.

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MSc/MA/MInnov Innovation, Creativity and Leadership

DURATION AND ASSESSMENT

Part-time:
up to 28 months (daytime)

The course is assessed through coursework and a final dissertation. Students who successfully complete eight taught modules and a final dissertation will be awarded either a Master of Science (MSc) degree, a Master of Arts (MA) degree or a Master of Innovation (MInnov) degree.

ENTRY REQUIREMENTS

Applicants should have a minimum three years work experience and a first or second class Honours degree (or equivalent non-UK qualification). Prospective students who do not have a degree may yet be eligible based on their work experience.

For those students whose first language is not English, one of the following qualifications is also required:

- IELTS: 7.0
- TOEFL (internet based): 107.

FEES

You can find information on the fees related to this course at www.city.ac.uk/courses/postgraduate/innovation-creativity-and-leadership

NEXT STEPS

Open Evenings:
Visit www.city.ac.uk/informatics/postgraduate

How to apply:
Refer to information on page 38

MIL Master of Information Leadership

This new post-experience executive interdisciplinary Masters course; the first of its kind, focuses on the development of future chief information officers (CIOs): those with responsibility for the effective use of information and technology in their organisation.



The pathway to produce these leaders is currently fragmentary and varied: a clear threat to London and the UK's prosperity. The course is led by the Centre for Information Leadership (CIL) in conjunction with several schools at City. Through teaching, case studies and experiential learning delivered by academics and practitioners, you will be exposed to theories and practices relating to various aspects of the role of information leaders, now and in the future.

DELIVERY

We understand the demands of your professional life. The MIL is delivered part-time over ten weekends each year, allowing you to fit it in with your work commitments. During each weekend you will access face to face expertise from City academics, outside experts and practitioners.


You will be supported between the study weekends by online tutorials, discussion boards and a dedicated course director. The MIL is delivered in central London – Europe's IT capital – making it a convenient venue for busy professionals who may have to work on multiple sites.

MODULES INCLUDE:

Eight core taught modules:

- Information law and compliance (The City Law School)
- Information security and risk (School of Informatics)
- Information, transformation and change (Cass Business School)
- Portfolio, programme and project delivery (School of Informatics)
- Service management and delivery (School of Informatics)
- Strategy and governance (Cass Business School)
- The information leader in organisations (School of Informatics)
- The information leader in society (School of Social Sciences).

These eight modules are supplemented by a 30-credit professional and leadership development module, addressing the need for information leaders to exhibit wider high-level skills in negotiation, influencing and leadership.



"I have found the course to be very stimulating as it exposes you to new ideas and viewpoints and brings in external experts and practitioners who are willing to share their experience candidly. The interactive way the teaching is delivered means you really get to understand the concepts quickly as well as critically questioning them with fellow students, who also bring their backgrounds and experience to the weekends.

I took the course to enhance my career."

Peter Swingewood
MIL Master of Information Leadership

FURTHER STUDIES

Upon completion of their Masters degree, some students may choose to continue their studies by joining our vibrant community of research students and studying towards a doctoral level qualification. This route is particularly suited to talented individuals who wish to develop their research skills, to undertake rigorous and inspirational research and ultimately obtain a PhD.

EXECUTIVE EDUCATION

This course is the equivalent of an Executive MBA for Managers who aspire to be Information Leaders of their enterprises. The course covers content not normally available in Executive MBA programmes and covers the specific Informational Leadership areas in significantly more depth while equipping the student to interact with other C-Suite executives. The modules of the course are open to suitably experienced IT Professionals with an accredited MBA.

EMPLOYMENT OPPORTUNITIES

This course will enable participants to organise their individual experience in a coherent framework, equipping them to undertake roles including CIO, CTO, business change director, knowledge director and chief librarian.

SCHOLARSHIPS

For the latest information on funding your postgraduate studies please visit www.city.ac.uk/informatics/scholarships-and-funding

MIL Masters of Information Leadership

DURATION AND ASSESSMENT

Part-time:
two years from October or April

Assessment will be through marked assignments covering each of the modules, culminating in a 60-credit individual project which demonstrates the student's understanding of the theory applied to a 'real-world' project.

ENTRY REQUIREMENTS

Applicants will normally have at least an upper second UK Honours degree or equivalent. In addition you will have at least three years in an experienced business facing information role (equivalent to SFIA 5/CITP), e.g. senior information manager, senior IT consultant.

For those students whose first language is not English, one of the following qualifications is also required:

- IELTS: 7.0
- TOEFL (internet based): 100.

FEES

You can find information on the fees related to this course at www.city.ac.uk/courses/postgraduate/master-of-information-leadership

NEXT STEPS

Open Evenings:
Visit www.city.ac.uk/informatics/postgraduate

How to apply:
Refer to information on page 38

Research in the School of Informatics

The School of Informatics faculty comprises over 30 research-active academics and a much larger number of research fellows, staff and doctoral students. The majority of our faculty's research in computer and information science was characterised as "world leading/internationally excellent" by RAE 2008.

Research in many of the school's strategic areas has been identified as the world-leader in terms of journal publications and impact, and faculty members have been awarded the highest international awards in their disciplines. Major journal and conference awards are common. Close liaison with key professions ensure that research results often have key impacts in domains ranging from nuclear and air traffic control to finance and urban transport. Recurring impact themes include cyber security, health and business.

Research in the School of Informatics is arranged in Departments and Centres with international reputations for research and for teaching. This research covers:

- The use of information and data in computational environments, including for information retrieval, information visualisation and visual analytics, data mining, information management and library science
- Human-computer interaction, including visual and interaction design, mobile computing and interaction, new forms of interaction and technology, evaluation, adaptive systems and user diversity
- Intelligent systems, including machine learning, service-based computing for adaptation and evolution, advanced games technologies and computational creativity
- Software engineering, including systems dependability and security, requirements engineering, service-oriented computing and new forms of programming language.

One defining characteristic of the School's research is its interdisciplinary nature. Cross-domain collaborations both with the School and with other disciplines are not only common but encouraged. To this end the School is involved in three of the six University-wide interdisciplinary centres:

- Centre for Creativity in Professional Practice
- Centre for Information Leadership
- City Collaborative Transport Hub

Research groups and centres:

- Centre for Health Informatics
- Centre for Human Computer Interaction Design
- Centre for Software Reliability
- Department of Computing
- Department of Information Science
- The giCentre
- The Centre for Information Science
- The Centre for Interactive Systems Research
- Autonomous Intelligent Systems Group
- Music Informatics Group
- Programming Languages and Systems Group
- Software Engineering Group
- Mathematical and Computational Behaviour and Evolution Research Group (MCBE)
- Centre for Cyber and Security Sciences



Prof Kevin D Jones
Centre for Software Reliability

"My background combines academia and industry – I spent 20 years in start ups in Silicon Valley CA, showing that research matters in the real world! I'm interested in ways of ensuring systems can be trusted to do what they are supposed to do. Using Formal Methods, we tackle complex research problems that have a direct effect on the dependability and security of the systems you use every day."



Dr Simone Stumpf
Lecturer, Course Director
for MSc Human-Centred Systems

"I received a PhD in Computer Science in 2001 and a BSc in Computer Science with Cognitive Science in 1996, both from University College London. I joined City University London as Lecturer in 2009 and previous to that I conducted research at Oregon State University and University College London. My research centres on end-user interactions with intelligent systems and personal information management and I investigate and develop technologies that support end-users to directly influence software behaviour and interact with information in better ways. I also have professional experience as a user experience architect which I bring to research and teaching."



Prof Neil Maiden
Head, Centre for HCI Design, School of Informatics

"I've been working in creativity and computing for over a decade. I'm currently developing software apps that support users to be more creative. At the moment I'm developing mobile apps – apps that run on your smartphone – to support people to generate more creative solutions to problems. I'm applying the apps to a real current challenge – supporting people with dementia. Looking after people with dementia is difficult and complex. Care staff can use our apps to create and share new, more effective ways to improve care. Exciting and valuable work!"



Prof Jason Dykes
Senior Lecturer, School of Informatics

"I'm a Professor of Visualisation. This means that I design, develop and evaluate software in which innovative graphics help people use information. I try to understand how people interact with graphics and use developing technology and newly available data to design new useful graphics. This can be useful in all sorts of areas. We recently showed bias in the London elections by producing innovative graphics of the results and have been developing maps to track bicycles, geese and historical migration.

Visualisation is a really useful tool in learning, so I use and develop graphics and graphical applications to help communicate and explore ideas when teaching. This can really help to make classes engaging."



Dr Chris Child
Computer Game Company Director, Childish Things Ltd and Lecturer, School of Informatics

"My responsibility as course director of the Games Technology MSc is to prepare students for exciting technical roles in the industry. Advances in game engines, mobile, and social gaming make this a huge growth area. Students work hard, fostering a fantastic creative atmosphere. In addition to lecturing I also run a computer game company developing the Cricket Captain game series for PC and iPhone, and research game AI using the latest techniques developed in the robotics field."



Prof David Bawden
Professor of Information Science, City University London and Editor and Journal of Documentation

"I came to the university after working in information systems and services for pharmaceutical research, and so am particularly keen on promoting interaction between research and practice. My interests are in the interactions between people and the whole 'information ecology'; information resources and systems of all kinds. I work in areas such as digital literacy, knowledge organisation, information behaviour of individuals, and the history and philosophy of the information sciences."



Dr Ayşe Göker
Senior Lecturer,
Centre for Interactive Systems Research
Department of Information Science

"My research is in search engines, context-learning algorithms, web user logs, personalisation, social media, and mobile information systems. This is carried out with a strong user-centred approach to algorithm and search-system design, development and evaluation. I have wide ranging experience in running R&D projects totalling around £2 million (EU-IST, EPSRC, Vodafone, Nuffield) and hold a lifelong Enterprise Fellowship from the Royal Society of Edinburgh and Scottish Enterprise for contributions to a start-up company in the area of mobile information systems."

How to apply

Stage 1:

Completing your form

- A list of our courses is available at www.city.ac.uk/informatics/postgraduate
- State clearly on your form which course you are applying for and which mode: full-time, part-time
- You may wish to state your second and third preference courses should you be unsuccessful in applying for your first choice.

Date of commencement

- State the year you intend to commence your studies.

Personal information

- State your full name on your form and all enclosed documents
- If you have changed your name, please provide copies of documentary evidence of the name-change process (e.g. marriage certificate, or deed poll documents)
- It is very important to include an email address, especially if you are an overseas applicant
- If you are based in the UK, also include a daytime contact/mobile telephone number.

Statement in support of your application

This is an important part of the application, and will be given careful consideration by the Admissions Tutor. State clearly and in detail:

- Why you have chosen this particular course
- What you can contribute to the course
- What you hope to do after completing the course.

You should expect to write between 500 and 800 words. Applicants who write only a few lines in this space are likely to find their applications are rejected.

Please ensure that you complete all sections of the application form.

Stage 2:

Supporting documentation

References

- We accept references in two formats: on the reference forms and envelopes enclosed with your application (or printable from the online application system), or on institution headed paper (no photocopies)
- It is your responsibility to arrange references from two referees before submitting your application
- If you have studied at higher education level in the last three years, at least one reference should be from an academic referee
- Ask each referee to forward you their reference in a signed and sealed envelope to ensure confidentiality.

Transcripts

- All home/EU and overseas applicants must include a transcript of their first degree with the application.

Overseas applicants and English

- If English is not your first language, you must supply evidence with your application that your command of the English language is suitable for study at postgraduate level.
- You are usually expected to have achieved satisfactory results in either a TOEFL or IELTS test. For further details visit www.city.ac.uk/study/postgraduate/applying-to-city

Stage 3:

Submitting your application

Please ensure that the following documents are included with your completed application:

(If applying online you will have the opportunity to upload copies of supporting documents; however you will still be required to send your references by post)

- Two sealed and signed references
- Transcript
- English language test results (where appropriate)
- Equal Opportunities Monitoring Form.*

* A copy of this form should be completed and returned with your application. The information you submit on the form is confidential and will only be used for our monitoring purposes. It will not be made available to the Admissions Tutor.

Postal applications:

Please send your application to: Postgraduate Team, Programmes Office, School of Informatics, City University London, Northampton Square, London EC1V 0HB, UK

If you are enclosing important documents, it is wise to send your application by registered post, or to be signed for on delivery. We are not responsible for applications which are sent but not received.

Online applications

Go to www.city.ac.uk/informatics/postgraduate and follow the links to apply online.

The closing date for receipt of applications is 1st September. We however recommend applying as early as possible, as competition for places is very high.

What happens next?

- If further information is required we will contact you (usually by email) with details
- Complete applications are passed onto the Admissions Tutor for consideration
- We normally aim to make a decision on completed applications within four weeks of the date of receipt of the form
- Please note that we cannot make a final decision on applications until all supporting documentation is received.

Queries about the application process

If you have any queries about the application process, please contact the Programmes Office at pgenquire@soi.city.ac.uk on + 44 (0)20 7040 0248 or visit www.city.ac.uk/informatics/postgraduate



You can apply for most courses online at city.ac.uk/study

Funding your postgraduate study



For more information and to apply for funding, visit www.city.ac.uk/informatics/postgraduate/scholarships-and-funding

SCHOLARSHIPS AND BURSARIES

The School of Informatics has a selection of postgraduate Scholarships at school and course level, find out more at www.city.ac.uk/informatics/postgraduate/scholarships-and-funding

AHRC PROFESSIONAL PREPARATION

Masters Scheme Awards

Well-qualified applicants on the following courses may be eligible for an award. Residency requirements apply.

- MSc Information Management
- MSc/MA Electronic Publishing
- MSc Information Science*
- MSc/MA Library Science*
- MSc/MA Information Management in the Cultural Sector.*

*For course details please see Library and Information Science Brochure.

THE STATIONERS' AND NEWSPAPER MAKERS' COMPANY BURSARY

The educational charity affiliated with this company provides an annual bursary worth £6,000 to support an applicant studying for a Masters in Electronic Publishing at City University London. Residency and age requirements apply.

LOANS

Career Development Loans

Under a scheme operated by the Royal Bank of Scotland, Barclays and the Co-operative banks, applicants wishing to undertake certain courses, lasting no longer than two years, may borrow between £300 and £10,000. Repayments are delayed and the government pays the interest during your study and for one month afterwards. For further information please go to www.direct.gov.uk/cdl

OTHER LOANS

Your own bank may offer loans. Banks sometimes prefer to finance vocational courses and you may be required to demonstrate that the course of study will improve your long-term career prospects.

BURSARIES FOR CITY GRADUATES

City University London graduates enrolling onto a Masters course, starting Autumn 2012 in the School of Informatics are automatically entitled to a bursary. The "Loyalty Bursary" scheme provides eligible applicants with the opportunity to continue their postgraduate studies at City on selected courses at a reduced fee. For more information visit www.city.ac.uk/informatics/postgraduate/scholarships-and-funding

WORKING WHILST STUDYING

Part-time students

Some employers may offer financial support for part-time study, usually where employees have proved their value and for study that relates to their work.

Full-time students

City University London Student Employment Service can help with information on part-time and temporary work.

BENEFITS

Claiming benefits

You may be eligible for benefits. As the rules are complex, we advise checking with your local benefit agency. Further information on any available financial benefits and support can be found at www.direct.gov.uk/en/educationandlearning

EU/INTERNATIONAL STUDENTS

Extra information

While you might be eligible for some of the funding sources listed above, you are advised to explore sources of funding in your own country and the scholarships and bursaries available from the British government (via other governments). These sources of funding are usually applied for through your own government, not from within the UK, and will have closing dates for application. For information, please contact one of the following:

- The education ministry in your country
- Your nearest British Council office
- The British Council Education Information Service.

Accommodation

Depending on where you live at the moment, you may need accommodation during your time at City. We have an accommodation team within the Student Centre for all prospective and registered full-time students.

We can advise you on accommodation matters and help you find suitable accommodation:

- In student halls of residence which are contracted for City University London's use through independent third-party housing providers or
- In the private sector, ranging from single rooms to shared flats.

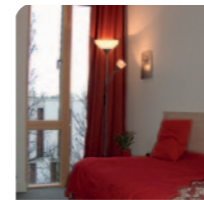
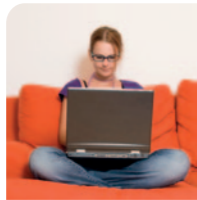
Postgraduate accommodation

We offer some accommodation specifically for postgraduate students. This is in self-catered facilities within easy travelling distance of the main University buildings. We also have some accommodation suitable for students with mobility difficulties – let us know if you need this when you apply.

Unfortunately, we cannot offer accommodation suitable for students with partners or families. We advise students with families not to bring their dependents until they have found suitable accommodation.

Please note:

We do not provide any childcare facilities.



How to apply for your accommodation

If you would like to apply for or find out more about halls of residence accommodation please contact our accommodation team in the Student Centre on +44 (0)20 7040 7040 or visit our website www.city.ac.uk/accommodation

Competition for halls of residence accommodation is strong, so it is a good idea to apply early. If you don't get a place in halls, the accommodation team can give you information about private sector accommodation. Students with disabilities who are intending to apply for University accommodation should write directly to the accommodation team, in confidence, as soon as possible after being accepted by the University.

International students

Visa requirements

If you are coming from outside the European Union to study in the UK, you will need to obtain a visa before you travel.

Full information about applying for visas to study at City is on our website at

www.city.ac.uk/studentvisa and in the 'Studying in the UK' section of the UK Border Agency website at www.ukba.homeoffice.gov.uk

Information about applying to extend a visa in the UK is available on our website at www.city.ac.uk/extend and in the 'Studying in the UK' section of the UK Border Agency website at www.ukba.homeoffice.gov.uk

You are responsible for obtaining any necessary visas and entry clearance into the UK.

Please note: If you have a Tier 4 (General) Student visa which was issued for study at another university, college or school in the UK, you will

need to make a new Tier 4 application to the UK Border Agency using a Confirmation of Acceptance for Studies from City before you will be able to commence studying with us.

SUPPORT FOR INTERNATIONAL STUDENTS

We have dedicated international student advisers, based in the Student Centre, who are available to offer immigration advice and assistance with visa applications to all international students who are studying, or thinking of studying, at the University.

For information, contact:

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

Map and contacts

CONTACTING US

You can contact our Postgraduate Admissions team as follows:

POSTGRADUATE ADMISSIONS TEAM
Programmes Office
School of Informatics
City University London
Northampton Square
London
EC1V 0HB
United Kingdom

T: +44 (0) 20 7040 0248
E: pgenre@soi.city.ac.uk

ADDITIONAL INFORMATION

You can find more information on our postgraduate web page at www.city.ac.uk/informatics/postgraduate



Disclaimer

The information contained in this brochure is correct at the time of going to press (February 2012). The University reserves the right, arising from unforeseen events or circumstances beyond our control, to add to or remove courses, and to make changes in regulations, syllabuses, course options, timetables, modules and fees etc, without prior notice. Complaints concerning the accuracy of information provided by the University in this brochure and in related publications should be made to the Academic Registrar. Any persons who feel their complaints have not been dealt with satisfactorily may write to the Quality Assurance Agency for Higher Education.

General information about the University including fees, general entry requirements, accommodation and social and welfare services, is given in the undergraduate prospectus, which can be viewed or ordered online on the University's website www.city.ac.uk/study

DESIGN: PSLONDON
www.pslondon.co.uk



CITY UNIVERSITY
LONDON

**Computing and
Information Systems**

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www.city.ac.uk/informatics/postgraduate