



Computing and Information Technology (London Campus) MSc

Postgraduate | 2 years part-time | Computer Science and Digital Technologies
London | Starts in January, May and September

Continue working while you study with lectures delivered on 16 weekends spread throughout the 2 year course

Learn about Java, web development, computer networks, database modelling and build transferable skills in project management and research

Develop your knowledge of Computing and IT systems and gain industry relevant skills

Your full academic and working background are considered. Undergraduate degree not essential for entry

Computing and Information Technology (London Campus) MSc

About this course

Computing and information technology, along with the highly skilled individuals able to utilise and manage such systems, are vital for businesses of all sizes to succeed in today's interconnected global economy.

Studying our part-time MSc Computing and Information Technology programme will provide you with the most up-to-date computing knowledge required by employers whilst also preparing you for a vast range of roles within this exciting and dynamic industry. Designed in consultation with partners including Accenture and Hewlett-Packard, this programme will ensure that you graduate industry relevant skills and knowledge.

Key facts

- Part-time Masters degree based in Central London
- Continue working while you study with lectures delivered on 16 weekends spread throughout the 2 year course
- Develop your knowledge of Computing and IT systems and gain industry relevant skills
- Learn about Java, web development, computer networks, database modelling and build transferable skills in project management and research
- Delivered by industry professionals and accomplished academic teams
- Undergraduate degree not essential for entry

Entry Requirements 2017/18

Applicants should have:

Standard entry requirements

- Minimum 2:2 or above from a recognised university or
- An equivalent professional qualification

Non-standard entry requirements

Mature applicants lacking standard academic qualifications may be considered for entry if s/he has demonstrable IT, software or development experience and is able to fulfil the objectives of the programme.

If you have substantial relevant experience alone, your application will be considered on its individual merit. If you're unsure if you meet the entry criteria, please contact us and our team will be able to advise you.

Finance

Tuition fees: £7,650

This is the total fee for your 2 year programme including tuition, all course materials and assessments.

Payment plans

We offer an interest free monthly payment plan available to all self-funded (non Postgraduate Loan) students after payment of your deposit.

Step 1: Pay a £2,450 deposit on or before enrolment (a £450 booking fee, and a £2000 top up before your induction)

Step 2: Pay 24 x monthly direct debits of £216.67 throughout the duration of your course.


We recommend you submit your application and booking fee as early as possible to secure your place on your desired intake.

Government Loan for Masters Study

For the Academic Year 2017/18, the Government will be providing a Postgraduate Loan up to the value of £10,280 for eligible UK and EU students.

To find out more about this financing option and to check your eligibility please contact us or visit:

london.northumbria.ac.uk/courses/dates-and-fees



Ranked in the global top
150 under 50, celebrating
young universities 'that
have made a great impact
on the global stage in years
rather than centuries**

**Times Higher Education 150
Under 50 Rankings 2016



Modular overview

1. Website Development and Deployment (20 credits) <p>This first module will provide you with the necessary understanding and practical skills to develop a website that interacts with a database. You will learn the requirements for creating a website to industry web standards including web design principles and methods, and the technical and architectural components of the Internet.</p>	5. Programme Design and Implementation (20 credits) <p>This module is designed to introduce you to object oriented programming and program design concepts. You will be given practical programming experience by solving small scale problems. Since the module is intended for learners from disciplines other than Computing, no previous programming experience is assumed.</p>
2. System Analysis and Design with UML (20 credits) <p>This module is designed to introduce you to the activities involved in a system development project, and to the information systems used in organisations. You will learn how to specify system requirements and use systems analysis and design (SAD) techniques to develop workable solutions to business information system problems. The module follows an object-oriented approach to development, compatible with leading programming languages such as Java.</p>	6. Research Methods and Project Management (20 credits) <p>Throughout the world of science, engineering, technology and business, the ability to pursue research is seen as a requisite for continued career progression in the appropriate subject discipline. This module introduces you to the nature of research and the processes involved in carrying out research. This general introduction will be followed by the inclusion of topics specifically designed to meet the requirements of the your programme of study. The prime outcome from this module is the construction of a project proposal which will be used in the execution of your final dissertation.</p>
3. Computer Networks and Operating Systems (20 credits) <p>This module will enable you to develop a critical understanding of software architecture and computer networks, concepts and principles in the context of real-world applications, and an insightful awareness of the issues relevant to them. The lectures will be the main vehicle for exploring fundamental elements of computer systems. Practicals will be timed to support the lecture programme to provide you with the opportunity to use appropriate hardware and software.</p>	7. Dissertation (60 credits) <p>The aim of this module is to provide you with experience of undertaking a substantial piece of research related to the modules taken elsewhere on the programme. It should enable you to demonstrate personal enterprise and self-reliance combined with a high level of subject understanding and competence within the field of computing. The actual project is a major piece of work which must involve the application of computing and research skills at a Masters level. For the purpose of this MSc project, research will be understood to mean scientific research, involving practical work and experimentation to test a hypothesis or a suggested solution to a problem. The research will be relevant to the computing domain and will involve some form of software development.</p>
4. Database Modelling (20 credits) <p>The aim of this module is for you to understand the conceptual basis for current database technology and to be able to apply such knowledge in implementing database applications. Topics include understanding data modelling and advanced models and their respective advantages and disadvantages. We will also discuss the development of distributed databases and emerging database models and the responsibilities of database designers with respect to professional, legal and ethical issues.</p>	



Ready to apply?

Application for all our courses is direct to the University via our online application form. Simply visit our website and click on the 'Apply now' button to start your application. Our dedicated team of Learning Advisors are on hand to guide you through the application process and can provide you with additional information about financing options available for your programme.

Visit our website for more information. northumbria.ac.uk/London-applications

Dates and deadlines

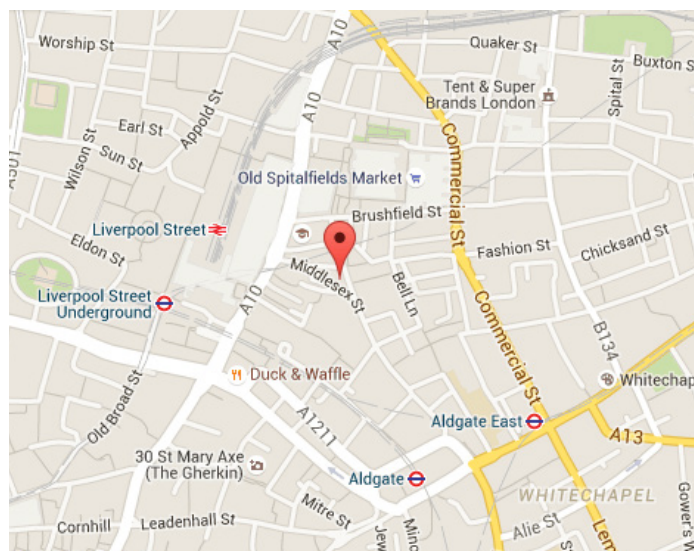
	September 2017	January 2018*
Application deadline	22 September 2017	19 January 2018
Course start date	30 September 2017	27 January 2018

*Provisional dates

For the latest dates please visit our website: london.northumbria.ac.uk/courses/dates-and-fees

Contact Us

Our Learning Advisors are available to answer any questions you may have about starting your part-time Masters with us. You can also arrange to meet us at our London Campus to further discuss your application and experience the environment you will be learning in.



London

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The information given is accurate at the time of publication. The University reserves the right to withdraw or change the programme included in this prospectus. Please contact us or check the website for up-to-date information on our programmes.

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