



MSc Management of Information Technology

The MSc Management of Information Technology offers ideal training to those who wish to be IT managers.

The course provides an understanding of the technical, organisational and economic issues involved in the management of IT resources, preparing you for careers in predominantly technical environments with IT specialists. You will receive an overview of networks, the internet, databases, human factors, and software development while making in-depth studies of the management and applications of IT in business and industry as well as software project management.

The course is suitable for students with a good first degree in any subject – prior experience of IT is not essential. However, because you can tailor your choice of modules to suit your skills, strengths and interests, it is also appropriate if you have a strong background in computer science and would like to gain a more applied managerial perspective.

Research and teaching within the School, which has been established for more than 20 years, is centred around a number of laboratories, institutes and research groups, which offer the best in interdisciplinary studies and cutting-edge technologies. These include:

- Automated Scheduling, Optimisation and Planning
- Foundations of Programming
- Horizon Digital Economy Research
- Institute of Information Technology
- Intelligent Modelling and Analysis
- Learning Sciences Research Institute
- Mixed Reality Laboratory
- Vision and Image Processing





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Course content and structure

The course can be completed in one year full-time or two to four years part-time. The first semester is shared with the MSc Information Technology so that you can transfer to this related course if it is more in keeping with your interests and strengths.

The course is taught using a variety of methods including lectures, practical sessions and seminars. It comprises a combination of compulsory and optional modules which cover two distinct areas: computing technologies and business management. Modules include:

- Enterprise Level Computing
- Human-Computer Systems
- Introduction to Computer Programming
- Management of Information Technology
- Software Project Management
- System and Network Administration

You will also undertake practical research, supervised by a member of academic staff, often in collaboration with an external partner, which forms the basis of a substantial 15,000–20,000 word project.

Assessment

Your work will be assessed using a variety of methods including coursework, group and individual reports, written and online exams, and presentations.

Facilities and resources

Situated in purpose-built facilities on the Jubilee Campus, the School provides the latest in advanced teaching technologies and high-speed networking as well as first-rate facilities for research into automated scheduling and optimisation, mixed reality, foundations of programming, and image processing. The School has three large computing labs, equipped to a high specification. Microsoft application and development suites are installed on all lab machines, and the School's rolling programme of upgrades ensures that you have access to the latest equipment and software. You will receive membership of the Microsoft Development Network, allowing you to download and use Microsoft software for research and development for the duration of your studies.

A dedicated team of support staff works within the School, experienced not only in the latest technologies, but also the demands of research within this field.

Entry requirements

You would normally be expected to hold an honours degree at 2:2 level or above (or its international equivalent) in any discipline – no previous experience of computing or IT is required. In some cases, relevant professional experience may also be considered in assessing applications, but is not a requirement.

If your first language is not English, you must achieve an overall score on the British Council IELTS test of at least 6.0 with no less than 5.0 in each element, or a TOEFL score of 550 with a TWE of at least 4.0, or a TOEFL iBT score of 79 (with no less than 17 in any element). Test results should be no more than two years old.

Funding

You can find advice on our website regarding funding your course.

Home and EU students can find information at www.nottingham.ac.uk/graduateschool

Information for international students can be found at www.nottingham.ac.uk/internationaloffice

Applications

Candidates are encouraged to apply online at <https://pgapps.nottingham.ac.uk>

Career opportunities

This course will prepare you for a career as an IT manager within a range of business and industry sectors. It is also an excellent foundation for doctoral studies.

The School has strong relationships with a number of large profile companies including Pricewaterhouse Coopers, Experian, Microsoft/Microsoft Rare and Goldman Sachs, and can help you make links with potential employers. The University's Centre for Career Development is also an invaluable resource when you are researching and pursuing your chosen career. All our graduates have access to the Centre for life – visit www.nottingham.ac.uk/careers

Enquiries

For further information, please contact:

Taught Courses Administrator

t: +44 (0)115 951 4251

e: msc-enquiries@cs.nott.ac.uk

w: www.nottingham.ac.uk/pgstudy/cs

To request this information in an alternative format:

t: +44 (0)115 951 4591

e: alternativeformats@nottingham.ac.uk