



MSc Computer Science and Entrepreneurship

The MSc Computer Science and Entrepreneurship will help you enhance your professional practice while developing the skills to explore the commercial possibilities of computing technologies.

Combining studies in a variety of areas including software engineering, data structures, new media design, and user interface design with the business skills needed to produce innovative and world class IT products and services, the course is ideal for those with a good foundation in programming.

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
- 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, which can be completed in one year full-time or two to four years part-time, comprises a combination of compulsory and optional modules, which cover two distinct areas: business and marketing, and computing technologies. Modules include:

- Creative Problem Solving
- Finance and Accounting
- Innovation Management
- Marketing for Entrepreneurs
- New Media Design Operations Research
- Project Management
- Software Engineering
- User Interface Design

You will also undertake an entrepreneurship project of 15,000–20,000 words based on a real commercial problem. This is collaborative in nature, and may involve work with external partners as well as other students.

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 will 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 2:1 level or above (or its international equivalent) in computer science or related discipline with a good foundation in programming.

Relevant professional experience will 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 6.5 with no less than 6.0 in each element, or a TOEFL score of 573 with a TWE of at least 4.5, or a TOEFL iBT score of 88 (with no less than 19 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 is ideal if you wish to pursue a dynamic career, combining computing and commercial skills, particularly at the business-academic interface, exploring the commercial potential of research. It also provides 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:

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