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Recognised as a global elite university, Birkbeck is in the top 150 universities in the world in the *Times Higher Education* World Rankings 2011. Over 90 per cent of Birkbeck academics are research-active and many are renowned experts in their fields. In the most recent Research Assessment Exercise (RAE 2008), Birkbeck ranked in the top 25 per cent of UK multi-faculty institutions.

Birkbeck is recognised for providing the highest quality teaching, which is informed by our outstanding research excellence. This is proven by our number one position in the National Student Surveys\*.

19,000 students study with us every year. They join a community that is as diverse and cosmopolitan as London's population.

\* National Student Surveys 2005–2011



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School of Business, Economics and Informatics  
Department of Computer Science  
and Information Systems

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## Computer Science

MSc



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[www.dcs.bbk.ac.uk/courses/msecs](http://www.dcs.bbk.ac.uk/courses/msecs)

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# Computer Science

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## Aims

The MSc/PGDip is an intensive programme in computing for graduates of other subjects, which provides a suitable preparation for work in the information technology industry. As well as gaining a broad knowledge of computing, students acquire programming skills and have the opportunity to go more deeply into some areas of current research.

The programme is aimed at graduates wishing to embark on a career in IT, and people already working in IT who wish to update their skills and place them in a broader context while obtaining a formal qualification.

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## Duration

Two years part-time, one year full-time.

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## Attendance

- The part-time programme (two years) may be taken as an evening course or by day release. Evening students normally attend lectures on two to three evenings a week during term-time and will need to spend further time to complete assignments. Day-release students usually attend in the morning and afternoon one day a week and also one other evening.
- Full-time (one year) students normally attend lectures in the daytime on three to four days a week.

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## Special features

Students have the opportunity to work on a substantial individual project. Students can choose their own topics, and many do their projects in a 'real-world' setting.



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## Programme contents

Topics covered include:

- Programming in Java
- Database management and modelling, including SQL using Oracle9i
- Systems software, including Unix/Linux
- Information systems design and software engineering

Examples of optional modules are:

- Internet and web technologies
- Information retrieval.

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## Entry requirements

Applicants should have a good first degree or equivalent, in any subject other than Computer Science, and will be expected to demonstrate some aptitude for programming. Applicants without a degree-level qualification may be considered but they will need to have significant computing experience. **You must be an EU citizen or otherwise have the right to work full-time in the UK in order to enrol in a part-time course.**