

MSc in Information and Web Technologies

Aims

This is a specialised MSc programme focusing on the area of information management and web technologies, which are major research strengths of the Department. Students take a majority of their eight modules in these areas, supplementing these with other specialist options.

Students build upon this taught curriculum through a substantial practical project in the area of one or more of the modules. Students who complete this MSc will have gained strong practical and theoretical knowledge of the above areas which they will be able to use in:

- analysis of problems arising in information management and web technologies
- evaluation of technology options
- deployment of appropriate solutions
- research into, and development of, new technologies.

Duration

One year full-time, two years part-time.

Attendance

Up to four days a week full-time, up to three evenings a week part-time, October-September.

Special Features

The programme has been designed to meet the needs of both full-time students wishing to advance their knowledge of web technologies and information management before embarking on a career in IT or on a research degree, and part-time students already working in the IT sector. The programme has a significant research element as several of the modules include investigation into recent research advances.

Programme Content

Students complete the taught element of the programme by supplementing core subjects such as

- Advances in Data Management
- Data Warehousing and Data Mining
- Internet and Web Technologies
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with selected subjects, such as:

- Component-Based Software Development
- Information Retrieval
- Mobile and Ubiquitous Computing
- Object-Oriented Design and Programming
- Search Engines and Web Navigation

Additionally, students undertake an individual project as outlined above.

Entry Requirement

The normal entrance requirements are a good first degree or MSc in Computer Science, with the syllabus covering a substantial amount of programming, preferably in an object-oriented language. It is also expected that students will usually have completed at least introductory courses on computer networks and databases. Joint-honours computing graduates may also be eligible for entry provided they have covered the necessary prerequisite material. **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.**

For more information and online application form please visit <http://www.dcs.bbk.ac.uk/courses/wim>