

MSc in Intelligent Technologies

Aims

This is a specialised MSc programme focusing on the areas of computational intelligence and intelligent technologies, major research strengths of the Department.

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 computational intelligence and intelligent 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 computational intelligence and intelligent information systems 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

This programme consists of eight taught modules and a substantial project. Part-time students follow four taught modules in each of the two years, and undertake the project during the second year.

The modules are selected from:

- Computational Intelligence and Visualisation
- Data Warehousing and Data Mining
- Image-based Information Processing
- Intelligent Technologies
- Information Retrieval
- Knowledge Representation and Reasoning
- Search Engines and Web Navigation
- Semantic Web

Students are able to choose their project from any of the above areas.

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 an introductory course on formal aspects of computer science. 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/iis>