



## MSc E-Technology for Business

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Do you want to start a career in e-business? Do you want to learn about the key technologies in this area and how to develop leading edge solutions?

Businesses are increasingly making use of the web and the internet in their business activities and there is a consequent demand for e-business skills. The demand for e-commerce skills has been steadily rising since 2003 and there are therefore increasingly job opportunities in this area in the UK and elsewhere. With a solid grounding in these technologies this course is expected help you gain employment in these fields.

This programme will help you develop expertise in designing and deploying e-business solutions and expose you to a comprehensive range of technologies typically found in e-business applications. You will learn about current and future trends in web technologies, and the programme will cover:

- Dynamic Web Engineering
- Web Interaction Design
- Database Systems Engineering
- Information Management
- Information Systems Security Engineering
- Research Ethical Professional and Legal Issues

This Masters course has been developed for graduates who want to acquire practical skills in dynamic web technologies and their application in e-business. It is designed to provide computing graduates with advanced skills and knowledge in the application of leading edge information technology in the field of electronic commerce, designed to enhance you employment potential:

- Gaining practical experience of key components of e-business solutions and the skills to analyse and design their application in a specific e-business system project
- Critically assess the appropriate role for the available technologies in a range of application scenarios.
- Analysing given e-business application scenarios and designing professional solutions and strategies.
- Acquiring a professional and quality oriented approach to e-business systems development.
- Provide students with advanced research skills and project management skills through a substantial individual research and development project.

The programme includes a substantial project. This will potentially allow you to undertake a proper piece of research, in collaboration with a commercial sponsor and with individual supervision. You will learn how to design and execute a project, addressing a practical problem with an academic investigation and the development of a practical solution and its evaluation. This allows you to apply the knowledge and skills acquired in the course of the programme in a practical context and deepen your understanding in one of the topic areas covered in the course.

We would expect you to join a company as a member of an IT department as an analyst or as a developer and to be able to make a significant contribution to a team or a project concerned with e-business solution development and evolution. International students will usually also be able to apply successfully for a work permit in the UK having successfully completed this course.

**Course Fees:**

We are currently recruiting for an October 2007 intake. The current fees for this course are £3850 for UK/EU students and £8400 for international students. International students are eligible for a £1500 scholarship which reduces the fee to £6900. For UK and EU students a number of ESF (European Social Fund) funded places are still available on a first come basis to cover the course fees and include a small bursary. The delivery of the course is based on 45 weeks of the taught programme delivered over a 60 week period and includes an 8 week summer vacation.

**Programme Support:**

The programme is supported by the University's Centre for Internet Technologies (CIT – [www.cit.sunderland.ac.uk](http://www.cit.sunderland.ac.uk)), a centre of excellence in the UK for research in electronic commerce, and the centre has been involved in shaping the requirements for this degree. Staff within CIT are teaching on this masters programme. They have extensive commercial experience and have also provided commercial training and engaged in collaborative projects with industry on a number of large external projects.

**Applications:**

Applications are welcomed from holders of a good honours degree (2:2 or above) in computer science or related subjects. Other backgrounds will be considered on an individual basis. International students must demonstrate a good command of the English language and normally would have to undertake an IELTS examination. A separate Masters Entry Diploma is available for those students that may fall short of these requirements and to enable them to progress to the Masters programme subsequently.

**Contact details:**

To obtain further details please visit the School of Computing and Technology website at [www.cat.sunderland.ac.uk](http://www.cat.sunderland.ac.uk), or speak to our recruitment officer Steven Herron on +44 191 515 2758. We can also be reached by email regarding information on applications and start dates to [cat-courseenqs@sunderland.ac.uk](mailto:cat-courseenqs@sunderland.ac.uk). For academic information on Course content you can contact the programme leader [Albert.Bokma@sunderland.ac.uk](mailto:Albert.Bokma@sunderland.ac.uk) directly. For international students we have a number of overseas offices that can be contacted directly - please contact your nearest regional office whose details can be found at <http://school.sunderland.ac.uk/international/find-your-country> and who will be glad to help you with your application and any administrative issues such as applying for visas.