

# Information Technology BSc (Hons)



The Guardian  
**TOP 50**  
University Guide 2015

College of Engineering and Technology



[www.derby.ac.uk/engineering-technology](http://www.derby.ac.uk/engineering-technology)

## Factfile

**Where you'll study:**  
Derby Campus, Kedleston Road  
**UCAS code:** G502  
**Entry requirements:** 240 UCAS points.

**Duration and mode of study:** Four years full-time, including a placement year

**Fees:** £9,000 per year.

**Start date:** September

### Why choose this course?

This course has been designed and developed in conjunction with industry to ensure that you develop the most valuable and sought after skills in the design, development and management of IT products and services and the analysis of business data. We are a member of the SAS Student Academy which means you'll learn about data analysis including Big Data analytics and have access to some of the most powerful software tools for analysing business data. This course can help you secure an excellent career in business intelligence, data analysis, data management, IT product development and IT services management.

### About the course

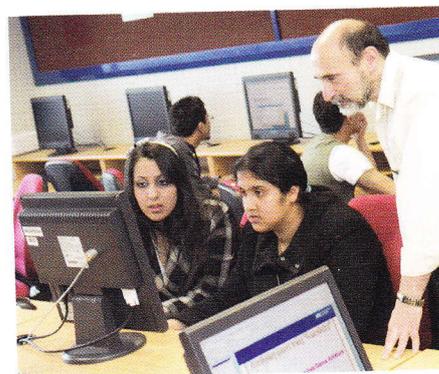
Throughout the course you'll develop a sound knowledge and expertise in the design of IT products and the fundamentals of IT, starting with small projects in your first year and moving to more substantial ones as you progress. You'll expand your understanding of business processes, learn how to analyse and maintain data and discover how to manage IT services in an organisation. In addition, you'll understand how individuals and groups of people work together to get things done and how IT can help support a business environment.

### Teaching and learning

Modules are delivered through a mixture of debates, group and individual work, guided reading, lectures, practical sessions in computer labs, tutorials, seminars and presentations by lecturers and guest lecturers. You'll study in our state-of-the-art facilities that include our dedicated computing labs and you'll spend a year in industry on placement. Working with industry professionals will enhance your career prospects and give you a distinct advantage in the job market.

### Assessment

Assessment is almost entirely via coursework. In the final year, there are no exams but one-third of the final year assessment is based on a supervised personal project.



## Study modules

### Stage one

You'll study these modules:

- Client Side Web Development
- Introduction to Computer Science
- Introduction to Data Analysis
- Programming Principles
- The IT Design Studio
- Understanding People in Organisations

### Stage two

You'll study these modules:

- Data Management and Business Intelligence
- Databases
- IT Team Project
- IT Product Design
- IT Services Management

You'll also have the option to select some business modules during this stage.

### Placement year

#### Stage three

You'll study these modules:

- Advanced Analytics
- Emerging IT Product Developments
- Independent Studies (double module)
- Small Business Start-up
- Sustainable Information and Corporate Governance



You will also choose one of the following modules:

- Enterprise Systems
- Information Security and Assurance

### Your career

As an Information Technology graduate, you'll find career opportunities in virtually any area of computing and information technology. You could become a help desk supervisor, a systems architect, a data analyst or a project manager. Alternatively, you could start your own business in developing and managing IT products and services.



Throughout my studies I have received a lot of information and guidance relating to the ultimate goal of attaining a career. The workshops, CV guidance and mock interviews have been really useful.

**Alex Nazaruk**  
BSc (Hons) Information  
Technology student



The University is a member of the Athena SWAN Charter which promotes and rewards good employment practice in the recruitment, retention and progression of female academics in STEM.

### Contact

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