

## **BSc Honours Business Computing**

### **Juliana Olabanji**

The course has taught me both technical and managerial skills. I have also gained the ability to create computer systems to meet a variety of business needs and challenges.



#### **Other related areas/courses you might be interested in:**

- Business – Information Management BA Honours (p78)
- Business Management – Information Management BA Honours (p79)
- Business Studies – Information Management BA Honours (p81)
- Computer Science BSc Honours (p110) • Computing Foundation (p113)

## Business Information Systems BSc Honours

Working in the advancing world of information systems can be exciting and rewarding, as businesses become more and more reliant on information systems to support innovation, decision making and day-to-day operations. The creative use of information systems can transform organisations, and successful enterprises require hybrid managers who can evaluate the tools, gauge the risks and provide the key insights and sound direction for strategic business planning.

This course aims to develop professionals who can understand the business challenges of an enterprise, and conceive and manage solutions which are increasingly ICT-dependent. Graduates will integrate their skills of problem solving and information systems modelling with their knowledge of business processes and environments. They will be able to consult on, support or develop the technological platforms of an enterprise to achieve competitive advantage.

### Course content

This course will prepare you for work in an increasingly challenging and rewarding field by giving you a clear perspective of the current nature and practice of business and information systems. In Year 1 (Credit Level 4) you will be introduced to the main fundamental concepts and in Year 2 and Year 3 (Credit Level 5 and 6) you will follow the specialist themes which interest you the most.

### Year 1 (Credit Level 4)

Year 1 modules provide underpinning in the subject area. You will be introduced to the various elements of information systems, business and technology. These modules are the foundations upon which you will build your insight in the areas of the business environment, information systems and available technologies. You will also develop skills required for the remainder of your studies and your future professional life, such as information modelling, programming, academic writing and communication.

### Year 2 (Credit Level 5)

Year 2 is the development stage of the course. The focus of the modules will be mainly on the design and development of information systems and databases, project management, and understanding available solutions. The Professional Practice module covers professional and ethical issues as well as career management. You also have the flexibility to take an option module in a relevant area of your choice.

### Sandwich placement year

The course offers you the opportunity to take a year-long placement between Year 2 and Year 3 (Credit Levels 5 and 6). This will give you practical skills to accompany your theoretical knowledge, and bring you a competitive edge in the job market. Our students have been placed working on live projects in city banks and insurance companies, software consultancy firms, healthcare providers and retail companies. Students who do not take the sandwich year continue with their final year.

### Year 3 (Credit Level 6)

Year 3 modules will help you develop your critical thinking and evaluation skills. Strategic management of information systems, systems quality, and alternative approaches and architectures to system development are some of the areas of focus. You also have the opportunity to take two option modules, furthering your specific interests. There will be a double project module in which you will use your knowledge and skills, conduct independent research and investigation, and develop a solution for a defined problem (business or otherwise).

### Length of course

Three-year, full-time; four-year, full-time sandwich; four-year, full-time with Foundation

### UCAS codes

G505; with Foundation G506

This course is subject to approval.

### Location

Central London (Cavendish)

### Teaching and assessment

Lectures, tutorials and computer workshops are supported by a variety of teaching methods, computer-enhanced learning tools, and industry-standard applications software. We place an emphasis on active student involvement and problem solving. Assessments are either based on a combination of course work and an end-of-module exam, or assessed through course work only.

### Associated careers

Graduates of the course typically go on to careers in the business and/or IT sectors. Career options range from systems developers to business managers. Graduates may continue their study on one of our comprehensive range of MSc courses or undertake an MPhil/PhD research programme.

For information about the Foundation year see p113.

### Typical offer for September 2009

Qualification type	Grade/points
A Levels	CCD/AB
International Baccalaureate	28 points (minimum)
BTEC National Diploma/Certificate	MMM/DD
Advanced Diploma	Grade C in IT or Engineering and relevant ASL at Grade C

See also entry requirements on p48.

## Information Technology BSc Honours

**Information Technology is transforming the lives of individuals and businesses across the world. There is a continual flow of new products and innovative solutions, providing a stimulating area of study and interesting job opportunities. The course aims to develop you as a professional, so that you can recognise the potential of ICT (information and communications technology), support users and decision makers, and specify and configure a wide range of effective solutions in a commercial environment. You will cover a range of technologies including networks, servers, databases, multimedia, web, and e-commerce. As a graduate you will combine your skills of systems specification and problem solving with your knowledge of technology and solutions, enabling you to specify, support, configure and advise on the technological issues of an enterprise.**

### Course content

This course will prepare you for work in an increasingly challenging and rewarding field by giving you the skills and knowledge to support and configure existing systems and specify new solutions. In Year 1 you will be introduced to the main fundamental concepts, and in Year 2 and Year 3 you will be invited to follow the specialist themes which interest you the most.

### Year 1 (Credit Level 4)

The Year 1 modules provide underpinning in the subject area. You will be introduced to the various elements of information systems and the technology on which they operate. You will develop the skills required for the remainder of your studies and your future professional life such as information modelling, programming, academic writing and communication.

### Year 2 (Credit Level 5)

Year 2 is the development stage. The focus of the modules will be mainly on the applications and specification of technologies for information system, network systems, the web and the Internet. The Professional Practice module covers professional and ethical issues as well as career management. You also have the flexibility to take an option module in a relevant area of your choice.

### Sandwich placement year

The course offers you the opportunity to take a year-long placement between Year 2 and Year 3 (Credit Levels 5 and 6). This will give you the practical skills to accompany your theoretical knowledge, and bring you a competitive edge in the job market. If you do not take the sandwich year you will continue with your final year.

### Year 3 (Credit Level 6)

Year 3 modules will help you to develop your critical thinking and evaluation skills. You will also have the opportunity to take option modules, furthering your specific interests. There will be a double project module in which you will use your knowledge and skills, conduct independent research and investigate and develop a solution for a defined problem.

For further information about Computing – Business Systems courses visit the School of Electronic Engineering, Computer Science and Informatics website at [www.westminster.ac.uk/computing](http://www.westminster.ac.uk/computing)

### Length of course

Three-year, full-time; four-year, full-time sandwich; four-year, full-time with Foundation

### UCAS codes

G507; with Foundation G509

This course is subject to approval.

### Location

Central London (Cavendish)

### Teaching and assessment

Lectures, tutorials and computer workshops are supported by a variety of teaching methods, computer-enhanced learning tools, and industry-standard applications software. We place an emphasis on active student involvement and problem solving. Assessments are either based on a combination of course work and an end-of-module exam, or assessed through course work only.

### Associated careers

As a graduate of the course you are likely to go on to a career in the business and/or IT sectors, where you will be involved in user support, improvement and maintenance of existing systems, and work with other professionals on the specification of new systems. You could alternatively continue your studies on one of our comprehensive range of MSc courses or undertake an MPhil/PhD research programme.

For information about the Foundation year see p113.

### Typical offer for September 2009

Qualification type	Grade/points
A Levels	CCD/AB
International Baccalaureate	28 points
BTEC National Diploma/Certificate	MMM/DD
Advanced Diploma	Grade C in IT or Engineering and relevant ASL at Grade C

See also entry requirements on p48.