

Business Computing PgCert/PgDip/MSc



Faculty of
**Technology, Engineering
and the Environment**

COURSE FACTS

School	Computing, Telecommunications and Networks
Application	For details on how to make an application visit www.bcu.ac.uk/student-info/how-to-apply
Location	City Centre Campus, Millennium Point
Duration	Full-time: 13 months (January start 17 months), part-time: 30 months



KEY FACTS

- This course is designed to provide you with a broad insight into the three interconnected areas of Information Technology, Business, and Project Management. You will develop a critical understanding of contemporary tools, techniques and models for systems development.
- You will be managing IT projects with exposure to leading project management techniques. Your learning experience will integrate use of major commercial software such as SAS (data mining and business intelligence), SAP (strategic IT planning), Oracle and PRINCE2.

WHY CHOOSE US?

- Our School of Computing, Telecommunications and Networks is recognised both nationally and internationally for the high quality of our teaching and research and extensive industry partnerships, and is established as one of the leading academies for Apple, Microsoft and Cisco Systems.
- We deliver computing-related courses designed to equip you with the skills demanded by industries and employers. These include computer science, software engineering, information systems, e-business technologies, electronics, embedded systems, web technologies, telecommunications, networking and computer forensics.

COURSE OVERVIEW

The programme will provide you with the opportunity to develop practical skills, using tools and techniques from the forefront of business computing, and use these effectively to model complex organisational systems. It also seeks to promote an awareness of the moral, ethical and professional framework, within which you will operate as an IT professional in a business environment.

A key aspect of the programme philosophy is that the learning experience integrates use of major commercial software - SAS (data mining and business intelligence) and SAP (strategic IT planning) - with investigation of the wider theoretical context. You will also learn about the skills needed to become a successful entrepreneur in the IT sector.

The programme has two intakes, in September and January, and may be studied in full or part-time mode. The full-time duration is 13 months (17 months for January start).

SEMESTER 1			
Postgraduate Certificate - 60 Credits			
Professional Skills and Research Methods Database for Enterprise 30 Credits		Business Systems Modelling 15 Credits	Databases for Enterprise 15 Credits
SEMESTER 2			
Postgraduate Diploma - 120 Credits			
Technology Entrepreneurship 15 Credits	IT Project Management 15 Credits	Strategic IT Planning 15 Credits	Business Intelligence 15 Credits
SEMESTER 3			
MSc Award - 180 Credits			
Master's Project 60 Credits			

COURSE STRUCTURE

Professional Skills and Research Methods

Introduces research methods, academic writing and project management skills to support the Master's project. It also covers professional skills, including consultancy.

Business Systems Modelling

Introduces business systems modelling tools, techniques and best practices to facilitate the link between the IT needs of business and the technical requirements of the development team and system architects.

Databases for Enterprise

Combines coverage of key database skills and knowledge with an exploration of recent trends such as object-oriented approaches, XML and web-database technologies.

Technology Entrepreneurship

Explores the skills, knowledge and attributes required for becoming a successful entrepreneur in IT. The special

issues involved in identifying e-business opportunities and realising them are also explored.

IT Project Management

Provides an insight into the major contemporary project management techniques used in industry across the world, including PRINCE2.

Strategic IT Planning

Combines exploration of key theoretical ideas in Business Process Design and Strategic Planning, with practical work based on the widely-used SAP ERP (Enterprise Resource Planning) software.

Business Intelligence

Provides students with a range of skills for processing, examining and extracting information from raw data using appropriate statistical analysis techniques.

ASSESSMENT

Assessment is through a combination of coursework, examinations, presentations, practical assignments, vivas, online activities and project work. Emphasis is placed on the development of a broad range of relevant skills. Assessment methods will vary according to the particular knowledge skills being assessed.

ENTRY REQUIREMENTS

We would normally expect you to hold at least a Second Class Honours degree or equivalent in an appropriate discipline. However, we can also consider your application without standard entry qualifications if you can provide evidence of the necessary knowledge and skills to successfully complete the course.

EMPLOYABILITY

The career options for successful graduates from the programme include roles in business analysis, consultancy, project management and technical authoring. You may become a researcher in a university or commercial environment. The course also develops a wide spectrum of transferable skills to take into a general business career.

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