De Montfort University

Course Template

1. Basic information

- Course Name: Business Information Systems
- Course Code: CC306A
- Level (UG, PG): Undergraduate
- Academic Period: 2014
- Faculty: Faculty of Technology
- Department: Business Computing & Mathematics
- PMB COMP
- Offered at: DM - DMU Leicester
- Type (single, joint.): SI
- Highest Award : Bachelor of Science (Honours)
- All possible exit awards : Bachelor of Science; Certificate of Higher Education; Diploma of Higher Education; Institutional Undergraduate Credit; Bachelor of Arts; Bachelor of Arts (Honours)
- Award notes : The BSc(Hons) Business Information Systems in sandwich mode, has Exemption (Certificate, Diploma and Diploma Project) and IEng accreditation (partial)
  Conditions
  1. Students must pass, at the first attempt, a practical problem solving project. This applies to students on the five intakes from 2005 to 2009 inclusive and backdated to the 2004 intake.

Professional Body Recognition

- Accreditation by Professional/Statutory body:
  Yes
- Exemption by Professional/Statutory body:
  Yes
- Details
  British Computer Society

- Modes of attendance: Main MOA: Full-Time
  Other MOA: Part-Time; Year Out/On Placement
- Mode Notes:
- Course leader: Jon Bennett

2. Entry Requirements and Profile

Award
BSc Hons Business Information Systems

Standard Entry Requirements
Normally 300 UCAS Points from at least two A Levels or equivalent, plus five GCSEs at grade C or above, including Maths and English
Typical A Level offers: At least two grade B results with additional qualifications contributing towards the points score such as a third A level or AS Levels
International Baccalaureate: 30+ points.

3. Course Description

Characteristics and Aims

Business Information Systems graduates bridge the Computing and Business worlds. This is achieved by a partnership between De Montfort University and the industrial and training expertise of Hewlett Packard.
Business Information Systems combines the knowledge of IT with an understanding of computing business principles and practice. The aim is to produce graduates who have both

strong skills in the analysis, design, development and management of information systems, together with a wide knowledge of the use of information systems in business, government and society.
Students are offered mentoring by HP professionals and an optional placement year in industry.
Alongside a university education and qualifications, graduates are also offered the opportunity to obtain professional industrial accreditation and certification.
Graduates will obtain foundation certification in ITIL, a best practice approach to IT service management and PRINCE 2, a UK government approved standard approach to project management. Also offered is Associate Level certification with the HP Institute.
ITIL certification is considered essential in the IT industry. Certification and accreditation will help students obtain skilled positions in IT departments.
Characteristics

· Combines De Montfort and HP curricula in one integrated degree.
· Addresses leading edge issues in ICT including; analysis and design, agile methods, service management and ethics.
· Provides entry-level certification as an outcome of the undergraduate studies
· Introduces the student to both technical and management skills and disciplines.
· Accesses leading industrial technical and educational expertise.
· Equips the student with a wide range of practices, tools and techniques to apply in the IT environment
· Offers a chance to ground skills in practical experience after the second year through a placement.
· Encourages critical and strategic thinking within an IT environment.
· Teaches practical approaches to process development and implementation and problem solving.

Teaching, Learning and Assessment Strategies

staff directed learning via lectures, tutorials and laboratories
student centred resource based learning (including web and VLE resources)
collaborative and group based work, individual learning, student centred learning via research
Methods of assessment for the modules at level 1 typically include
time constrained phase tests
portfolios of work
programming and other laboratory exercises
viva voce examinations
formal written examinations
individual and group essays
individual and group presentations
Methods of assessment for the modules at levels 2 and 3 also additionally include
individual and group project work
individual reports and presentations
research reports

Hp modules
Provision of materials via De Montfort's Virtual Learning Environment,
Provision of tests and quizzes via the learning systems
Delivery of sessions using HP Global Virtual Learning Centre, based in the US,
Periodic intensive all-day sessions with an HP instructor on site at De Montfort University
Final examination set by HP instructors according to identified certification requirements and moderated by De Montfort University examiners, using university protocols

Final examination is complemented by Joint examination by De Montfort and HP based on assessment of student presentations.

4. Outcomes

Generic outcome headings	**What a student should know and be able to do upon completion of the course**

• **Knowledge & understanding**	Explain the characteristics and purpose of a spectrum of ICT used with organisations Critically appraise and evaluate the alignment of the implementation and use of ICT with the goal, purposes and ethics of organisations and society. Discuss a range of management approaches to the building and delivery of ICT systems, the transition and continuous improvement of services and the intervention in messy organisational problems Explain and justify fundamental principles in strategy, development and implementation of systems and services in support of purposeful activity
• **Cognitive skills**	Problem solving skills Business computing analysis skills Computational skills Research methods Evaluation skills, drawing on supporting evidence
• **Subject specific skills**	Information systems development Business decision making Network design Database technology Computing project, system and service management Object Oriented analysis & design Project management techniques
• **Key Skills**	Problems solving Collaborative working Present and communicate issues Project management Report writing Presentation Research Critical analysis

5. Structure and Regulations

Relationship Details

Module	Credits	Level	Take/Pass		Semester	Locations
IMAT1201	**15.00**	**1**	**Both**	**Y**	**DM**	
IMAT1204	**30.00**	**1**	**Both**	**Y**	**DM**	
IMAT1401	**30.00**	**1**	**Both**	**Y**	**DM**	
IMAT1501	**15.00**	**1**	**Both**	**Y**	**DM**	
IMAT1604	**30.00**	**1**	**Both**	**Y, SY**	**DM**	

Structure

Structure notes

1 Course info

Course Specific Differences or Regulations

1 The requirements to progress into the sandwich are determined by Faculty Policy which requires that normally student must have passed a minimum of 60 credits at level 2.

Numbers at sites, including partner institutions

1

Relevant QAA Subject Benchmarking statement(s)

1 BIS has been informed by the QAA Subject Benchmark Statements in Computing and Business & Management.

6. Quality Assurance Information

QA of Workbased Learning

Liaison with Collaborative Partners

Procedures for Maintaining Standards

The Programme is managed by a programme leader together with a programme team. They are guided by the prevailing academic regulations and modular scheme handbooks produced by Registry.

An external examiner is attached to the programme who acts as a critical friend. He/She attends the assessment board and scrutinises student work and marking to ensure that standards have been maintained at an apposite level.

Each year the programme leader completes a Programme Enhancement Plan which is approved by the Programme Board/Subject Authority Board and Faculty Academic Committee.

The student voice is heard via student representatives on the Programme Board and the Staff Student Consultative Committee. Feedback from students is gathered by end of module questionnaires and programme questionnaires.

The programme is subject to a periodic review in line with University requirements.

Course Handbook Descriptor