BSc Enterprise Computing - INTRA Programme (DC120)

Objective

The Objective of the BSc Enterprise Computing degree is to produce graduates who have an in-depth understanding of computer systems, Internet, gaming software, mobile phone technologies as well as a range of other computer products. They are uniquely placed to apply IT knowledge and its potential in a strategic manner, thereby enhancing productivity and profits within organisations. Graduates from this degree think creatively about the application of technology, resulting in new business opportunities and they lead and manage teams that drive business transformation.

Course Structure

There are two main subject areas: Computing: students gain technical knowledge and practical skills that are at the core of IT operations. Modules include: computing hardware, operating systems, application software, web technology, networks, software systems and programming, databases and IT architecture. IT Management: students gain the ability to devise technical solutions in conjunction with IT colleagues. Modules include: knowledge and skills for project management; information safety and security; IT service management and international standards; legal and ethical issues in IT; organisational change and change management; supply chain management, business process management, understanding of key digital technologies and their potential.

Relevant Work Experience

INTRA Internships Relevant work experience through DCU INTRA (INtegrated TRAining) Internships is a mandatory element of the BSc Enterprise Computing. Students are required to complete an 8 month INTRA placement at the end of third year, from February to September. They have the ability to fulfil the computing requirements of many industrial sectors, in areas such as:

— Systems Analysis and Architecture

— IT Systems and Support

— IT Project Management

— Website Development and Optimisation

— Systems Testing and Quality Assurance

— IT Training and Documentation

— Business Transformations

— IT Security

Relevant Work Experience

INTRA (INtegrated TRAining) work placements
Relevant work experience through DCU's internship programme "INTRA" (INtegrated TRAining) is a mandatory element of the BSc Enterprise Computing. Students are required to complete an 8 month INTRA placement at the end of third year, from February to September. INTRA Vacancies will be advertised every year from October to the end of January.

Students are available for interview from late October onwards and their internship runs from February to September. For more information, contact:

INTRA Unit, Student Support & Development, DCU, Glasnevin, Dublin 9. Ireland.

T: +353 1 700 5515
E: maeve.long@dcu.ie

W: dcu.ie/intra
in/dcu-intra-office

Year 1	Year 2	Year 3	Year 4
Introduction to Computer Hardware and Operating Systems	Quantitative Analysis for Business Decisions	IT Service Management	Software Quality Assurance
Management and Business Game	Business Systems Analysis	Software and Systems Testing	Software Process Improvement
Web Design and Digital World	Enterprise Information Systems	Business Information Management and IT Architecture	Project Management and Procurement
IT Mathematics	Business Database Management	Human Computer Interaction	Supply Chain Management
Web Programming	Fundamentals of Computer Programming	**INTRA**	Business Process Management
Networks and Internet and Managing Enterprise Computing Systems	Developing Internet Applications		IT Security Management
Business Applications	Business Communication Skills		IT Law and Ethics
	Enterprise Computer Systems Configuration		Final Year Project

INTRA