

# INTRA Programme

## B.Sc. Enterprise Computing



### The Objective of this degree programme is to produce graduates who:

- Have an understanding of the technology behind computer games, mobile phones, the Internet and many other computing-based products
- Are uniquely placed to apply IT knowledge and its potential in a strategic manner to enhance productivity and profits within organisations
- Think creatively in the application of technology resulting in new business opportunities
- Lead and manage teams that drive business transformations.

### Course Structure

There are three main subject areas: Computing; Business; IT Management.

**Computing subjects** build technical knowledge and practical skills that are the core of IT operations. Computing subjects include:

- Computing hardware, operating systems, and application software
- Web technology
- Computer networks
- Software systems and programming
- Databases and IT architecture.

**Business modules** provide students with knowledge of how organisations operate and the ability for IT solutions to contribute to effectiveness and profitability. Business subjects include:

- Understanding organisations
- Principles, concepts and techniques for effective management
- Business strategy and how functions integrate
- Financial reporting and statements
- Production and operations
- Marketing & HR.

**IT Management** subjects deal with issues of personnel management, the ability to devise technical solutions by working with both business and technically orientated colleagues. They include:

- Knowledge & skills for successful project management
- Information safety & security
- IT service management and international standards
- Legal & ethical issues in IT
- Organisational change and change management
- Understanding of key digital technologies and their potential.

**Relevant Work Experience** through DCU's work experience programme *INTRA* (INtegrated TRaining) is a mandatory element of the B.Sc. in Enterprise Computing. **Students are required to complete an 8 month INTRA placement at the end of third year, from February to September.**

### Student Availability

Students are available for interview from October onwards. Please send vacancy details to:

Maeve Long,  
*INTRA* Unit, Student Support & Development,  
Dublin City University, Glasnevin, Dublin 9  
Phone: 00 353 1 700 5514  
Email: maeve.long@dcu.ie



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