

FREQUENTLY ASKED QUESTIONS

What are the most helpful Leaving Certificate subjects for this course?

Accounting, Mathematics, and Business.

What standard of Mathematics is required for the course?

D3 or better at Ordinary or Higher Level. Some students who apply to CIT courses may not achieve the required entry standard in Mathematics through the Leaving Certificate. For such applicants, CIT offers a second chance to reach the required entry standard through a CIT Mathematics Exam. Please see www.cit.ie for more details.

What are the typical student numbers in first year?

First year course/class size is 55. Smaller classes play a key role in ensuring student success.

Is there work placement in Ireland or abroad during the course?

At present, the work placement involves 3 - 6 months working in a systems related function in business. It will involve a set of agreed objectives for your placement, as well as the assistance of a person on site and a member of the academic staff at CIT.

What computing topics are involved?

Programming is an important skill to have in the area of Business Information Systems. Visual Basic, Java, and SQL are some of the exciting and useful programming languages that you will be working on. Other IT topics include Systems Analysis and Design, Database Design and Management, Computer Networks, IS Project Management, Web Applications Development and Enterprise Systems.

How much Business content is in the course?

The course is 50% Business oriented and 50% Information Technology & Information Systems oriented.

What skills will I gain?

Computer laboratory practical work will constitute a major element of many topics. These courses will provide students with practical accounting and statistical techniques with practical lab elements. Computerised business technologies such as Object Oriented Programming, Database Design and Management, Project Management and Multimedia will enhance the core business skills in the electronic business environment.

BUSINESS INFORMATION SYSTEMS (BIS)

Data, information, and ultimately knowledge have become primary assets and the management of such assets has become critical if businesses are to compete in today's environment. This is evident in industries such as insurance, banking, chemical, food, electronics, telecommunications and many other industries.

A firm stands or falls on the ability of its information systems to meet this current business challenge. The effective use of information systems depends on both the technology required to support them and the commercial knowledge to manage and exploit them. Secondly, the Internet and the World Wide Web have an increasing impact on how business is conducted. Computing, telecommunications, electronic, and media are converging and are having a profound effect on business.

The emergence of electronic commerce and electronic business has provided an immense challenge to existing business but also new opportunities. Ecommerce skills are today required in key areas of management, marketing and strategic planning.



ENQUIRIES TO

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BACHELOR OF BUSINESS (HONOURS) IN INFORMATION SYSTEMS

Course Code
CR 150



WHY STUDY BIS AT CIT?

The aim of the Bachelor of Business (Honours) in Information Systems degree is to educate and train students in a wide range of Business and IS skills. The student will gain a strong understanding of the integration of Business and Information Systems. Business Information Systems therefore involves a strong mix of Business related and Technology related topics. This will include a knowledge of systems integration; management; marketing; accounting and management accounting; ICT strategy; computer applications; enterprise resource planning systems; legal studies; entrepreneurship; international business; project management; and systems analysis and development.

CAREER OPPORTUNITIES

Through offering a mix of business and ICT skills, the honours degree in Business Information Systems develops a large range of skills and abilities which may lead to employment in diverse jobs/areas such as a Systems Analyst; Project Manager; Management Consultant; Systems Administrator; Webmaster; Business Analyst; Customer Relationship Management; Management Accounting; Purchasing and Supply Chain Management; Logistics; Business Development Manager; Enterprise Systems Manager; Operations Management; Financial Analyst; Marketing and Market Research. These roles will be open to you in a large variety of industries.

FURTHER STUDIES

Many graduates also progress to Master's degree programmes at CIT; UCC; NUIG; UCD Smurfit School of Business; Trinity College Dublin in a number of disciplines. Graduates have also been successful in securing Graduate Programmes with all the major banks and a range of multinational and indigenous organisations.

GRADUATE PROFILE

KEVIN WALSH



"The Business Information Systems course has equipped me with skills required for the real world working environment. The varied modules, combined with enthusiastic, approachable lecturers, teach you the theory behind workplace processes, and the course projects and six month work placement, allow you to hit the ground running when you graduate. For my work placement, I worked with Trend Micro within their business process department. There, I learned how to deal with customers both internally and externally, the lifecycle of projects, writing detailed documentation, troubleshooting business application issues and a whole myriad of other tasks. Subjects such as Systems Analysis, Project Management and Database Systems were a huge help to me during this placement.

After completing fourth year, I was offered a full time position with Trend Micro which saw me work on a 2 year global project incorporating opportunities to travel the world and see the completion of my efforts move into a production environment I am currently employed by McAfee as Business Systems Manager. My role includes facilitating systems integrations, working with partners on smarter ways to do business, running multiple projects and generally ensuring that every day is as smooth as the last.

Without doubt, CIT has prepared me well for my career and I would highly recommend both CIT and Business Information Systems to anyone who has an interest in understanding key links between the business world and IT."

COURSE PROGRAMME

The course is delivered over 4 full academic years, with 2 semesters per year. Semester 1 modules are completed between September and January and Semester 2 modules between February and May. In general, 6 modules must be completed in order to complete a semester and 12 modules constitute a stage. In Year 3 (semester 6) there is a mandatory work placement of a minimum of 11 weeks.

BBUS (Honours) in Information Systems CR 150

COURSE PROGRAMME

CIT website <http://modules.cit.ie> gives full details of all modules for all courses. The website also has information on recommended textbooks, average weekly workload, assessments and exams.

YEAR 1	YEAR 3
Semester 1 (Sept – Dec) Creativity, Innovation and Teamwork Accounting Systems 1 Business Management 1 Essentials of Business Information Systems 1 Essentials of Business Programming 1 Maths and Statistics for IS 1	Semester 5 (Sept – Dec) IS Project Management 1 IT Law E-Business 1 Database Design Business System Administration Electives Human Resource Management Multimedia Design Free Choice Module
Semester 2 (Feb – May) Accounting Systems 2 Business Management 2 Essentials of Business Information Systems 2 Essentials of Business Programming 2 Maths and Statistics for IS 2 Electives Communication Web Design Fundamentals Free Choice Module	Semester 6 (Feb – May) IS Project Management 2 E-Business 2 Database Implementation Work Placement BIS
YEAR 2	YEAR 4
Semester 3 (Sept – Dec) Management Accounting and Systems 1 Introduction to Marketing for IS Introduction to Microeconomics Systems Analysis for Business Networking Fundamentals for Business Business Object Oriented Prog. 1	Semester 7 (Sept – Dec) Strategic Business Management Finance for IT Managers 1 Entrepreneurship Enterprise Systems Web Application Development Electives Internationalisation Strategies and Organisation Mobile Business Systems Free Choice Module
Semester 4 (Feb – May) Management Accounting and Systems 2 Marketing in an Information Society The Macroeconomy Systems Design for Business Business Object Oriented Prog. 2 Electives Supply Chain Management 2 Routing Protocols and Concepts Free Choice Module	Semester 8 (Feb – May) Strategic Business and IS Management Finance for IT Managers 2 IT Auditing Advanced Database Management Systems Information Management Electives New Venture Planning Inter. Bus. & Globalisation Free Choice Module