



University College Cork Ireland – Business Information Systems Student Placement Programme 2018

Placement Dates: 12 March – 24 August 2018 (24 weeks)

University College Cork (UCC) was founded as Queen's College Cork in 1845. UCC has a current enrolment of over 20,000 students, provides over 120 degree and professional programmes in some 60 disciplines and offers research-led, student-centred curricula that attract the highest calibre of students (See <http://www.ucc.ie/en/about>). Cork University Business School (CUBS) is a key part of UCC's academic offering and builds on over a hundred years of business education at UCC (See <https://www.cubsucc.com>).

The **BSc Business Information Systems (BIS)**, established in 1997, <http://bis.ucc.ie> is a four-year undergraduate degree programme, globally recognized as the premier business computing degree in Ireland. Informed by an Industry Advisory Board comprising senior IT and business executives from major Irish and multinational companies, the BIS curriculum provides students with a diverse and practical set of collaboration, communication, problem solving, and system development and management skills, and a broad understanding of business problem domains and emerging technologies.

Central to the BIS commitment to our student's personal and professional development is our 24-week paid international business placement (internship) experience at the conclusion of their third year of study. Prior to embarking on placement, every student will have acquired the following skill and knowledge sets:

- Web Site/Application Development (HTML, CSS, JavaScript, and PHP)
- Software Development (Programming Principles, Visual Basic, .Net Framework, Java)
- Systems Analysis & Design (Data Gathering, Requirements Gathering, Object-Oriented Modelling, Data Flow Modelling, Entity Relationship Modelling, etc.)
- Data Literacy and Database Design & Development (Statistical Analysis, MS Excel, Relational Database Design, SQL, MS Access, MS SQL Server, Oracle RDBMS)
- Network/IT Management (Windows OS, UNIX OS, Cloud Architectures, Enterprise Architectures)
- System Project Management (Traditional and Agile Software Development Lifecycles, MS Project and MS Excel as management tools)
- Domain Knowledge (Financial Accounting, Management Accounting, Economics, Corporate Finance, with electives in various management, marketing, and finance subjects)
- A broad range of business communication and collaboration skills.

This combination of technical and practical business skills gives BIS students the flexibility to work in a variety of technical roles and in a number of business areas in various sectors such as financial services, software, manufacturing, insurance and pharmaceutical. BIS has the largest placement programme with companies in the United States of any European degree.

Typical placement roles: BIS placement students work in many diverse roles including: Systems Analysis, Business Analysis, Data Analysis, Programming, Testing and QA, Web Development, Network/Systems Administration, Customer Support, Process Documentation, and Operations.

BIS partner companies: BIS have well established placement relationships with companies in the USA, Ireland, and UK including Acadian Asset Management, Accenture, Apple, AIG, Bank of Ireland, Citi, Credit Suisse, Dell EMC, Duck Creek, Eaton Vance Management, Federal Reserve Bank Boston, Fidelity Investments, Janssen, Laya Healthcare, Northwell Health, Oracle, Pfizer, PwC, Satuit Technologies, and State Street Corporation, among many others.

Our placement partners consider our programme to be an important part of their graduate talent management strategies, and consider BIS placement students to be among the top performing interns and graduate hires in their organisations. Partners have been consistently impressed by their technical skills, their understanding of business environments, their work ethic and flexibility, their ability to rapidly learn and become productive team members, and their communication and collaboration skills.



During placement, BIS faculty will typically visit twice (April/May and June/July) to ensure the quality of the experience for both students and host companies. At the end of placement, students are required to submit a feedback report to the host company, as well as a formal placement report to the department (worth c. 10% of their final graduation mark).

Offering a placement opportunity to a BIS student is a seamless process from the time CV's are reviewed until the successful candidate commences employment. BIS students are covered by the University's insurances whilst undertaking a work placement. Evidence of such insurance is available on request.

Placement dates 2018: 12 March – 24 August (24 weeks). The recommended rate of pay is €400/week or £355/week.

For further information please contact:

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BIS Year 1	BIS Year 2	BIS Year 3	BIS Year 4
Core Modules:	Core Modules:	Core Modules:	Core Modules:
Introduction to Information Systems in Business	Object Oriented Business Modelling, Systems Analysis & Design	Networking & Cloud Computing	Placement Report
Business Systems Analysis & Visualisation	Principals & Practice of Systems Development	Object Oriented Development & Internet Technologies (inc. Java)	Research Project in Information Systems
Introduction to Principals of Programming	Introduction to Database Theory	Operating Systems Software	Information Systems Strategy
Introduction to Object-Oriented Programming	Databases in Organisations	Organisational Information Systems Infrastructure	Information Systems Management
Introduction to Technology & the Internet	Introduction to Java Programming	Placement Plan	Advanced Topics in Information Systems
Introduction to Internet Development	Object Oriented Application Design & Development	Advanced Database Management System	Electives:
Information Systems in Organisations	Visual Programming	Economics of Information	Information Protection & Information Systems Security
Introduction to Business Statistics	Intermediate Management Accounting		Information Systems Controls & Security Policy
Principals of Accounting	Business Microeconomics		Enterprise Systems
Introduction to Management Accounting	Electives:		Enterprise Data Management
Economics of Business	Investment Appraisal		Global Payment Systems
Electives:	Fundamentals of Asset Pricing		Global Markets
Introduction to Marketing	People & Organisation		Web Application Development
Introduction to Management & Organisation	Consumer Behaviour & Sustainable Consumption		New Business Forms
	Enterprise Planning & Processes		Advanced Tools & Methods for IS Development
	Market Research		Software Quality & Standards
			Principals of Interaction Design
			Advanced Interaction Design
			Principals of Mobile Systems Development
			Advanced Mobile Systems Design & Development
			IT Solution Selling & Digital Business
			Technology & Solutions for the Sales Process & the Management of Global Business
			The Management of Organisational Change
			Leadership & Organisational Dynamics
			Management Accounting: Planning & Control
			Management Accounting: Performance & Decision Making
			Innovation & Technology
			Economics of Strategy
			

BIS Placement – (24 weeks, mid-March to end August)