Business Information Systems

University College Cork Ireland – Business Information Systems Student Placement Program 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 programs 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 program, 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 program 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, Northwell Health, Oracle, Pfizer, PwC, Satuit Technologies, and State Street Corporation, among many others.

Our placement partners consider our program 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 resumes are reviewed until the successful candidate commences employment. All visa applications*, insurance and travel requirements are organised through Business Information Systems, UCC.

Placement dates 2018: 12 March – 24 August (24 weeks). The recommended rate of pay is $20 per hour.

For further information please contact**:**

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Note: Council on International Educational Exchange (CIEE) is designated as the program sponsor by the U.S. Department of State See: http://ciee.org/hire/about.aspx

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)

CORK UNIVERSITY BUSINESS SCHOOL

UCC
University College Cork, Ireland
Coláiste na hOllscoile Corcaigh