BIS Curriculum

BIS **Year 1**

Core Modules:

Introduction to Information Systems in Business

Business Systems Analysis & Visualisation

Introduction to Principals of Programming

Introduction to Object-Oriented Programming

Introduction to Technology & the Internet

Introduction to Internet Development

Information Systems in Organisations

Introduction to Business Statistics

Principals of Accounting

Introduction to Management Accounting

Economics of Business

Electives:

Introduction to Marketing

Introduction to Management & Organisation

BIS **Year 2**

Core Modules:

Object Oriented Business Modelling, Systems Analysis & Design

Principals & Practice of Systems Development

Introduction to Database Theory

Databases in Organisations

Introduction to Java Programming

Object Oriented Application Design & Development

Visual Programming

Intermediate Management Accounting

Business Microeconomics

Electives:

Investment Appraisal

Fundamentals of Asset Pricing

People & Organisation

Consumer Behaviour & Sustainable Consumption

Enterprise Planning & Processes

Market Research

BIS **Year 3**

Core Modules:

Networking & Cloud Computing

Object Oriented Development & Internet Technologies (inc. Java)

Operating Systems Software

Organisational Information Systems Infrastructure

Placement Plan

Advanced Database Management System

Economics of Information

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

BIS **Year 4**

Core Modules:

Placement Report

Research Project in Information Systems

Information Systems Strategy

Information Systems Management

Advanced Topics in Information Systems

Electives:

Information Protection & Information Systems Security

Information Systems Controls & Security Policy

Enterprise Systems

Enterprise Data Management

Global Payment Systems

Global Markets

Web Application Development

New Business Forms

Advanced Tools & Methods for IS Development

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

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The reason we continue to view UCC's BIS programme as a key source of talent is the balance of soft skills and technical knowledge that the programme cultivates in its students. We find these students have the soft skills to interact professionally with colleagues and clients and the technical competence to quickly develop a strong knowledge base in a chosen discipline. This is perhaps best demonstrated by the variety of teams in which we are able to place students ranging from IT Risk to Cyber Security to Data Analytics or Technology Consulting.

PwC

I love the positive energy and eagerness to learn that the students bring to the workplace. The students are quick learners and able to contribute real business value in a very short time after starting.

Eaton Vance, CIO

Contact Details

Our BIS Placement Programme is managed in-house by a dedicated BIS placement team who are committed to supporting and enabling our students and our placement partners to have a mutually beneficial, successful and positive placement experience.

BIS Placement Coordinator:
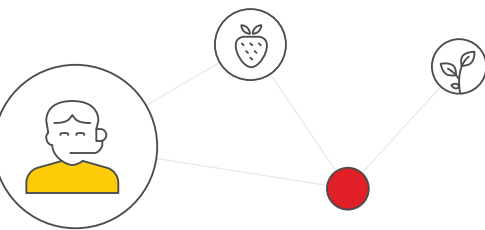Stephanie Larkin, MA
+353-21-4903345
s.larkin@ucc.ie

https://www.cubsucc.com/programmes/undergraduate/bsc-hons-business-information-systems/

ucc.ie   **cubsucc.ie**
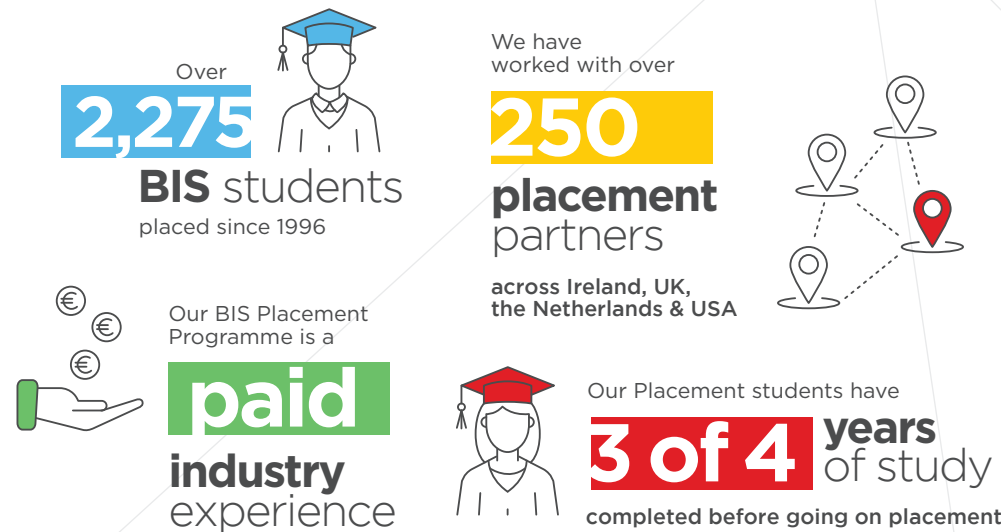
BUSINESS INFORMATION SYSTEMS

CU BS CORK UNIVERSITY BUSINESS SCHOOL

UCC University College Cork, Ireland
Coláiste na hOllscoile Corcaigh

BSc. Business Information Systems

Placement Programme   University College Cork, Ireland

BSc. Business Information Systems
Placement Programme

Our BIS Placement Programme is 6 months in duration (24 weeks) mid-March to end August

Over
2,275
BIS students
placed since 1996

We have worked with over
250
placement
partners
across Ireland, UK, the Netherlands & USA

Our BIS Placement Programme is a
paid
industry
experience

Our Placement students have
3 of 4 **years**
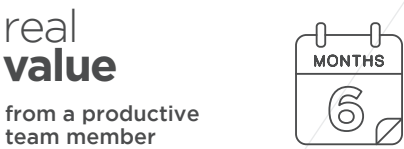of study
completed before going on placement

The BSc Business Information Systems (BIS)
is a four-year undergraduate degree programme within the Cork University Business School (CUBS) at University College Cork.

It is globally recognized and informed by an industry advisory board comprising senior IT and business executives. The BIS curriculum provides students with a diverse and practical set of collaboration, communication, problem solving, system development and management skills, and a broad understanding of business problem domains and emerging technologies.

This 24-week paid placement occurs at the conclusion of the third year of study and is central to the BIS commitment to our student's personal and professional development.

Why hire a BIS
Placement Student?

Your organisation will get 6 months of
real
value
from a productive
team member

Our students have excellent
problem
solving
skills & understanding
of business environments

To create a
talent
pipeline
for your
organisation

Industry Sectors where
we place students:

- Financial Services
- IT
- Pharmaceutical
- Logistics
- Health
- Education
- Agriculture and Food
- Semi State

Typical placement roles:

- Systems Analysis
- Business Analysis
- Data Analysis
- Programming
- Testing and QA
- Web and Mobile Development
- Network/Systems Administration
- Project Management
- Customer Support
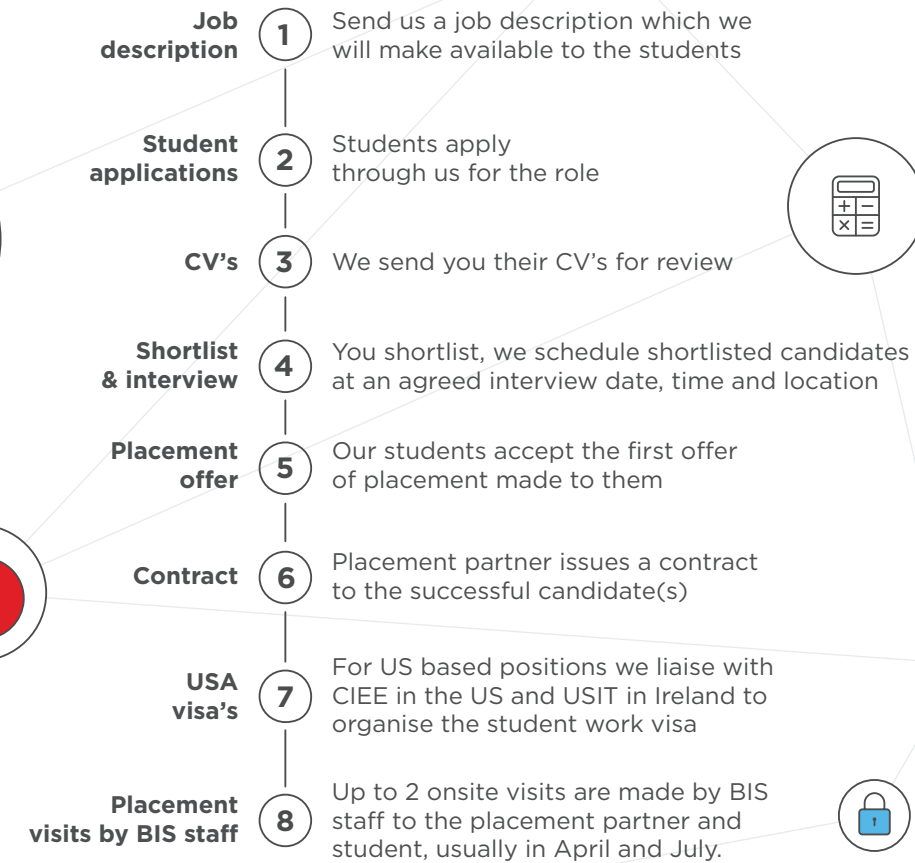- Process Documentation
- DevOps

> STUDENT has just hit the ground running on this internship. Her deliverables have been excellent. I can rely on her 100% to deliver. She is always professional... STUDENT has been an incredible asset to us here on our team.

AIG Ireland, Transformation Manager

> STUDENT made a significant contribution to the Progressive Education team during his placement. STUDENT had an excellent attitude, work ethic together with great drive and commitment and represented both himself and UCC in a very professional manner.

The College of Progressive Education, Managing Director

How to become a BIS
Placement Partner

Job description **1** Send us a job description which we will make available to the students

Student applications **2** Students apply through us for the role

CV's **3** We send you their CV's for review

Shortlist & interview **4** You shortlist, we schedule shortlisted candidates at an agreed interview date, time and location

Placement offer **5** Our students accept the first offer of placement made to them

Contract **6** Placement partner issues a contract to the successful candidate(s)

USA visa's **7** For US based positions we liaise with CIEE in the US and USIT in Ireland to organise the student work visa

Placement visits by BIS staff **8** Up to 2 onsite visits are made by BIS staff to the placement partner and student, usually in April and July.

> State Street was one of the earliest participants in University College Cork's Business Information Systems (BIS) Placement Program. State Street's continued participation is based on the quality of academic preparation that the student's receive in their first three years at BIS and their ability to make an immediate contribution to the projects on which they work. The combination of information technology and business skills the students bring to the workplace along with their work ethic is a hallmark of the UCC BIS Placement Program.

State Street Corp., Senior Vice President & Chief Scientist