

BSC (HONS) (BUSINESS INFORMATION SYSTEMS) - CK203

Overview

NFQ Level 8, Major Award

First Year - Business Information Systems

To be admitted to the First University Examination in Business Information Systems, a student must have satisfactorily attended modules to the value of **60** credits.

Second Year - Business Information Systems

No student may register for the Second Year programme of study until the First University Examination in Business Information Systems has been passed. Second Year consists of core modules to the value of **50** credits and elective modules to the value of **10** credits. To be admitted to the Second University Examination in Business Information Systems, a student must have satisfactorily attended modules to the value of **60** credits.

Third Year - Business Information Systems

No student may register for the Third Year programme of study until the Second University Examination in Business Information Systems has been passed. To be admitted to the Third University Examination in Business Information Systems, a student must have satisfactorily attended modules to the value of **60** credits.

The Third University Examination in Business Information Systems will be held in February. Students will begin Work Placement after the Third University Examination. In the event of a student not obtaining Work Placement the student will be assigned a project. The Work Placement/Project will be assessed at the Third Year Autumn Examination Board, via IS3323 (10 credits) which must be passed in order to graduate.

Fourth Year - Business Information Systems

No student may register for the Fourth Year programme of study until the Third University Examination in Business Information Systems has been passed. Fourth Year consists of core modules to the value of **30** credits and elective modules to the value of **30** credits. To be admitted to the BSc (Hons) (Business Information Systems) Degree Examination, a student must have satisfactorily attended modules to the value of **60** credits.

Programme Requirements

For information about modules, module choice, options and credit weightings, please go to Programme Requirements (p. 1).

Programme Requirements

Code	Title	Credits
Year 1		
Students take 60 credits as follows:		
<i>Core Modules</i>		
AC1113	Principles of Accounting	5
AC1114	Introduction to Management Accounting	5
EC1212	Economics of Business 1	5
IS1108	Information Systems in Global Organisations	5

IS1109	Business Systems Analysis and Design	5
IS1110	Foundations of Programming for Information Systems 1	5
IS1111	Foundations of Programming for Information Systems 2	5
IS1112	Principles of Information Technology	5
IS1113	Web Development	5
IS1115	Personal Development and Ethics for IS Professionals 1	5
MG1003	Introduction to Marketing	5
or MG1004	Principles of Management and Organization	
ST1023	Introduction to Business Statistics	5

Year 2

Students take **60** credits as follows – all listed core modules (**50** credits) and **10** credits of elective modules:

Core Modules

AC2202	Intermediate Management Accounting 1	5
EC2204	Business Microeconomics 1	5
IS2204	Advanced Systems Analysis and Design 1	5
IS2205	Advanced Systems Analysis and Design 2	5
IS2206	Database Design and Development 1	5
IS2207	Database Design and Development 2	5
IS2208	Intermediate Programming for Information Systems 1	5
IS2209	Intermediate Programming for Information Systems 2	5
IS2215	Design Thinking and Visual Prototyping	5
IS2217	Personal Development and Ethics for IS Professionals 2	5

Elective Modules

Students take modules to the value of **10** credits from the following:

AC2206	Investment Appraisal (5)	
FE2200	Introduction to Food Supply Chain Management (5)	
MG2001	People and Organisation (5)	
MG2003	Consumer Behaviour and Sustainable Consumption (5)	
MG2007	Enterprise Planning and Processes (5)	
MG2008	Business Ethics and Governance (5)	
MG3021	Market Research (5)	

Year 3

Students take **60** credits as follows:

Core Modules

EC3220	Economics of Information	5
IS3311	Networking and Cloud Computing for Global Organisations	10
IS3312	Advanced Programming for Information Systems	10
IS3313	DevOps Processes and Tools	10
IS3319	Database Management and Applications	10
IS3322	Organisational Data Analysis and Visualisation	5
IS3323	Business Information Systems Industry Placement	10

Year 4

Students take **60** credits as follows – all listed core modules (**30** credits) and **30** credits of elective modules:

Core Modules		
IS4400	Personal Development and Ethics for IS Professionals 4	5
IS4401	Research Project in Information Systems	10
IS4408	Information Systems Strategy for Global Organisations	5
IS4414	Information Systems Management	5
IS4416	Innovation and Information Technology Industry Trends	5
Elective Modules		
Students take modules to the value of 30 credits from the following: ¹ 30		
AC4100	Management Accounting: Planning and Control (5)	
AC4101	Management Accounting: Performance and Decision Making (5)	
EC3216	Economics of Strategic Behaviour (5)	
EC4224	Innovation and Technology (5)	
IS4419	Information Systems Security Management (5)	
IS4420	Information Systems Controls and Security Policy (5)	
IS4434	Data and Digital Strategy 1 (5) ²	
IS4437	Global Payment Systems (5)	
IS4438	Global Markets (5)	
IS4439	Advanced Web Application Development (5)	
IS4440	Digital and Data Strategy 2 (5) ²	
IS4441	Information Systems Project Methodologies (5)	
IS4442	Information Systems Process Improvement (5)	
IS4445	User Experience Design 1 (5)	
IS4446	User Experience Design 2 (5)	
IS4447	Mobile Application Development (5)	
IS4449	IT Solution Selling and Digital Business (5)	
IS4450	Enterprise Sales Solutions for Global Business (5)	
MG4401	The Management of Organisational Change (5)	
MG4402	Leadership and Organisational Dynamics (5)	
Total Credits		240

¹ Co-Requisite Modules: the majority of elective modules listed have co-requisites. This means that a student who wishes to register for one module must also register for its co-requisite module. For example, a student wishing to take IS4437 must also take IS4438. For co-requisite information, students should consult the module descriptions to identify co-requisite modules. Module descriptions may be found here (<https://ucc-ie-public.courseleaf.com/modules/>).

² IS4434 and IS4440 are co-requisites. They must be taken together.

Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.

Programme Learning Outcomes

Programme Learning Outcomes for BSc (Hons) (Business Information Systems) (NFQ Level 8, Major Award)

On successful completion of this programme, students should be able to:

- Communicate and work effectively to a professional standard;
- Demonstrate analytical and problem solving skills associated with effective practice;
- Engage in the application of frameworks and techniques in organisational settings;
- Solve problems in global organisations through the design, development, and management of information systems;
- Effectively and ethically apply a wide range of digital and data technology competencies;
- Provide responsible technology leadership to support sustainable business practices in global organisations.