

BSC (HONS) (BUSINESS INFORMATION SYSTEMS) - CK203

Programme Requirements

Code	Title	Credits
Year 1		

Students take **60** credits as follows:

Core Modules

AC1113	Principles of Accounting	5
AC1114	Introduction to Management Accounting	5
EC1212	Economics of Business 1	5
IS1108	Introduction to Digital Transformation	5
IS1109	Business Systems Analysis and Design	5
IS1110	Introduction to Programming for BIS 1	5
IS1111	Introduction to Programming for BIS 2	5
IS1112	Principles of Information Technology	5
IS1113	Web Development	5
IS1115	Professional Development for BIS Professionals	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	Visual Thinking for Systems Analysis & Design	5
IS2205	Unlocking Data Opportunities: A Visual and Relational Approach	5
IS2206	Introduction to Databases	5
IS2207	Relational Database Development	5
IS2208	Test Driven Development	5
IS2209	Application Integration and Deployment	5
IS2215	Design Thinking and Visual Prototyping	5
IS2217	Personal Development for BIS Professionals	5

Elective Modules

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

AC2206	Investment Appraisal (5)	
MG2001	People and Organisation (5)	
FE1200	Introduction to Sustainable Food Marketing Channels and Supply Chains (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

IS3322	Business Analytics	5
IS3325	Digital Product Management	5
IS3327	Database Architecture and Implementation	5
IS3328	Project Management for Information Systems	5
IS3329	Application Architectures and Emerging Technologies	5
IS3330	Designing IT Infrastructures for Digital Organisations	5
IS3326	Business Information Systems Work Integrated Learning Experience	30

Year 4

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

Core Modules

IS4470	Final Year Project	20
IS4416	Practice-Orientated Information Systems Research	5
IS4408	Information Systems Strategy for Global Organisations	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	Cyber Security Management (5)	
IS4420	Cyber Security Governance, Risk and Compliance (5)	
IS4434	Enterprise Data Governance and Data Modeling (5)	
IS4437	Fintech (5)	
IS4438	Sustainable Digital Marketplaces (5)	
IS4439	Advanced Web Application Development (5)	
IS4445	User Experience Design 1 (5)	
IS4446	User Experience Design 2 (5)	
IS4447	Mobile Application Development (5)	
IS4449	Digital Business Models for the Global Enterprise (5)	
IS4450	Enterprise Technology Sales (5)	
IS4451	Information Systems Leadership (5)	
IS4452	Artificial Intelligence in Organisations and Society (5)	
MG4401	The Management of Organisational Change (5)	
MG4402	Leadership and Organisational Dynamics (5)	

Total Credits **240**

¹ Elective Choices: of the 30 elective credits to be taken, 15 credits must be chosen from Semester 1 electives and 15 credits from Semester 2 electives.

Semester 1 elective choices include: AC4100, EC4224, IS4419, IS4434, IS4437, IS4439, IS4441, IS4445, IS4449, IS4451, and MG4401.

Semester 2 elective choices include: AC4101, EC3216, IS4420, IS4438, IS4447, IS4442, IS4446, IS4450, IS4452, and MG4402.

Some modules in Semester 2, have pre-requisites (IS4420 and IS4446). This means that a student who wishes to register for these modules needs to also register from its pre-requisite module in Semester 1. For

example, a student wishing to take IS4420 in Semester 2 must also take IS4419 in Semester 1. For pre-requisite information, students should consult the module descriptions to identify pre-requisite modules. Module descriptions may be found here (<https://ucc-ie-public.courseleaf.com/modules/>).

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*.