

Course Specification

Course Summary Information		
1	Course Title	BSc (Hons) Business Information Technology
2	Course Code	US0915
3	Awarding Institution	Birmingham City University
4	Teaching Institution(s) (if different from point 3)	
5	Professional Statutory or Regulatory Body (PSRB) accreditation (if applicable)	BCS

6	Course Description
	The BSc (Hons) Business Information Technology (BIT) course will provide you with knowledge and skills that bridge the gap between IT and Business to drive digital transformation, innovation and growth. It aims to provide you with the skills and experience needed to communicate and collaborate effectively with business users in both technical and non-technical industries. While the course contains a broad underpinning of traditional computing skills, it also focuses heavily on the highly sought-after digital transformation skills critical to keeping companies advancing in an information age. Throughout your computing degree, you will be supported by expert teaching staff, many of whom have worked in the field of computing, are active in transformational research and are continually innovating with industry partners to achieve success. What's covered in the course? This course is for you if you want to combine a highly rigorous academic qualification with real-life practical work experiences to make IT work for businesses. The course enables you to think like a coder to influence organisations' design, development, and use of information systems and technology. You will also gain an in-depth understanding of how organisations can harness the data to improve decision-making. You will be based at our City Centre Campus. You will work collaboratively with tutors, researchers and businesses, applying practice-based skills to real-life case studies and live project briefs, which will develop your problem-solving and analytical skills. The course will help you develop a strategic mindset to address global challenges, leveraging technology to meet business needs. You will have access to virtual learning environments and networking, electronic enterprise systems and business intelligence laboratories. Studying computing with us puts you at the heart of an exciting, innovative community. Part of your first-year assessment will involve participating in our annual Innovation Fest, where students get together to solve society's problems with sustainable solutions using creative technology. It is not just about academic and technical knowledge – we'll also help you develop your personal and professional skills so that you can work effectively as a team member to impact many of the challenges facing modern society positively. BSc (Hons) Business Information Technology with Professional Placement Year You will have an option of a professional placement year, taken in your third year of study, making the course four years in total, or five years if you also undertake a foundation year. This

	year-long industrial placement will not only enhance your employability levels but will also make you stand out from the crowd. While these positions may vary from company to company, you will be working alongside current professionals as you apply skills you have learned on campus in the real world. Not only will you return to your studies with a broader array of technical skills, but your confidence will also be increased and your transferable skills noticeably sharper.
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7	Course Awards		
7a	Name of Final Award	Level	Credits Awarded
	Bachelor of Science with Honours Business Information Technology	6	360
	Bachelor of Science with Honours Business Information Technology with Professional Placement Year	6	480
7b	Exit Awards and Credits Awarded		
	Certificate of Higher Education Business Information Technology	4	120
	Diploma of Higher Education Business Information Technology	5	240
	Bachelor of Science Business Information Technology	6	300

8	Variations from the University Academic Regulations
	This course has approved variations to the University's Academic Regulations. These can be accessed via the student contract page: https://www.bcu.ac.uk/student-info/student-contract

9	Delivery Patterns			
Mode(s) of Study		Location(s) of Study	Duration of Study	Code(s)
Full Time		City Centre	3 years	US0915
With Professional Placement Year		City Centre	4 years	US1078

10	Entry Requirements
	The admission requirements for this course are stated on the course page of the BCU website at https://www.bcu.ac.uk/ .

11	Course Aims
	BSc (Hons) Business Information Technology aims to produce graduates with skills to make IT work for businesses. The course will provide students with knowledge and skills to bridge the gap between IT and business to drive innovation and growth. The course will: • Provide students with in-depth knowledge and understanding of how information technology supports digital transformation and innovation in organisations. • Develop analytical, problem-solving and communication skills necessary to meet evolving challenges of digital technology for individuals, organisations, and society. • Prepare students for continuous improvement and lifelong learning by developing their intellectual, practical, and transferable skills.

12	Course Learning Outcomes
<i>Knowledge and understanding</i>	
1	K1 – Synthesise Information Systems (IS) and Information Technology (IT) facts, concepts and theories.
2	K2 - Apply appropriate information systems strategies, principles and technologies to IS/IT solutions.
3	K3 - Combine mathematical, computational and analytical techniques to solve IS/IT complex problems.
4	K4 – Specify, design or construct computer-based systems.
5	K5 – Mitigate risks, legal, social, ethical, and sustainability issues associated with IS/IT solutions deployment.
6	K6 – Adhere to professional standards to evaluate current and future requirements of IS/IT systems.
7	K7 - Function effectively as an IS/IT professional, and as a member or leader of a team.
<i>Skills and other attributes</i>	
8	S1 - Apply tools and techniques for creation of IS/IT solutions using appropriate methodologies.
9	S2 – Evaluate methods, techniques and tools for process modelling, management and information security.
10	S3 - Apply appropriate methods to manipulate, analyse and evaluate data to support decision-making in organisations.
11	S4 – Develop relevant transferable skills, including research, academic, technical, self-development and interpersonal skills.
12	S5 Adopt an inclusive approach to technology practice and recognise the responsibilities, benefits and importance of supporting equality, diversity and inclusion.

13	Course Learning, Teaching and Assessment Strategy
	The course adopts a student-centric approach. The learning and teaching style aims to build students' confidence and empower them to become self-learners while being considerate and receptive to their learning styles. Each module utilises a wide range of learning and teaching practices and approaches, which include: • Mini lectures • Workshops • Practical sessions • Debates/discussions • Flipped learning • Self-directed study • Directed reading The primary teaching approach would be through workshops and practical labs. The seminars and practical labs will be supplemented with mini lectures to re-enforce the learning with theoretical concepts. Typically the workshop will start with a briefing about the problem or aspect that the students are required to solve or discuss and report back. Students will also engage in a range of practical tasks in labs. Students will be encouraged to lead the plenary talks to build confidence and engage in discussions about contributions and ideas. The self-directed study will be supported by: • VLE learning resources and website links • Online (VLE) discussion forums

Assessment:

Formative and summative assessments are used within all the modules. Formative feedback will also help students understand the assessment and grading process, the relation of their work to the learning outcomes and the development of their work to a successful conclusion.

Assessment methods have been designed to work symbiotically with the course design. For example, an agile assessment approach is adopted to simulate a work environment requiring multiple deliverables within a specific timeframe. Hence, the course integrates multiple modules as part of the agile assessment approach, highlighting how the expertise and skills from the different modules can be applied to address organisational challenges. For example, the following level 5 assessments assess students in developing a system for an organisation, which has multiple deliverables to highlight the backend of the systems (Database Systems Development), the business logic (Applied Programming) and the front-end (Human-Computer Interaction).

14 Course Requirements
14a
Level 4:

In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):

Module Code	Module Name	Credit Value
CMP4288	Business Information Systems	20
CMP4267	Computer Systems	20
CMP4295	Computational Thinking and Professional Development	20
CMP4282	Business Information Modelling	20
CMP4296	Introduction to Programming	20
CMP4285	Innovation Project	20

Level 5:

In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):

Module Code	Module Name	Credit Value
CMP5370	Business Process Re-engineering	20
CMP5340	Enterprise Systems	20
CMP5364	Database Systems Development	20
CMP5368	Applied Programming	20
CMP5323	Human-Computer Interaction	20
CMP5403	AI in Enterprise	20

Professional Placement Year (optional)

In order to qualify for the award of Bachelor of Science with Honours Business Information Technology with Professional Placement, a student must successfully complete all of the Level 6 modules listed below as well as the following Level 5 module:

Module Code	Module Name	Credit Value
PPY5004	Professional Placement	120

Level 6:

In order to complete this course, a student must successfully complete all the following CORE modules (totalling 120 credits):

Module Code	Module Name	Credit Value
CMP6194	Strategic Information Systems Alignment	20
CMP6234	Business Intelligence	20
CMP6172	Consultancy and IT Management	20
CMP6235	Application Solutions Development	20
CMP6200	Individual Honours Project	40

14b Structure Diagram
Level 4

SEMESTER ONE	SEMESTER TWO
Core CMP4288 Business Information Systems (20 Credits) CMP4267 Computer Systems (20 Credits) CMP4295 Computational Thinking and Professional Development (20 Credits)	Core CMP4296 Introduction to Programming (20 Credits) CMP4282 Business Information Modelling (20 Credits) CMP4285 Innovation Project (20 Credits)

Level 5

SEMESTER ONE	SEMESTER TWO
Core CMP5364 Database Systems Development (20 Credits) CMP5370 Business Process Re-engineering (20 Credits) CMP5340 Enterprise Systems (20 Credits)	Core CMP5323 Human-Computer Interaction (20 Credits) CMP5403 AI in Enterprise (20 Credits) CMP5368 Applied Programming (20 Credits)

Professional Placement - (optional)
Professional Placement Module (120 Credits)
Level 6

SEMESTER ONE	SEMESTER TWO
Core CMP6194 Strategic Information Systems Alignment (20 Credits) CMP6234 Business Intelligence (20 Credits)	Core CMP6172 Consultancy and IT Management (20 Credits) CMP6235 Application Solutions development (20 Credits)
CMP6200 Individual Master's Project (40 credits)	

15	Overall Student Workload and Balance of Assessment
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Overall student *workload* consists of class contact hours, independent learning and assessment activity, with each credit taken equating to a total study time of around 10 hours. While actual contact hours may depend on the specific modules the following information gives an indication of how much time students will need to allocate to different activities at each level of the course.

- *Scheduled learning* includes lectures, practical classes and workshops, and contact time specified in the timetable
- *Directed learning* includes placements, work-based learning, external visits, online activity, Graduate+, peer learning
- *The private study* includes preparation for assessments.

The *balance of assessment* by mode of assessment (e.g. coursework, exam and in-person) depends to some extent on the optional modules chosen by students. The approximate percentage of the course assessed by coursework, exam and in-person is shown below.

Level 4

Workload – 24% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	294
Directed Learning	444
Private Study	462
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	45%
Exam	0
In-Person	55%

Level 5

Workload - 25% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	288
Directed Learning	408
Private Study	504
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	68%
Exam	0
In-Person	32%

Level 6

Workload - 17% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	202
Directed Learning	420
Private Study	578
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	80%
Exam	0
In-Person	20%