Programme Specification

1	**Awarding body**	University of London
2	**Teaching Institution**	**Birkbeck College**
3	**Programme Title(s)**	**BSc Information Technology (top-up degree)**
4	**Programme Code(s)**	UBSITECH_C (part-time) UUBSITEC_C (full-time)
5	**UCAS code**	N/A
6	**Home Department**	Computer Science and Information Systems
7	**Exit Award(s)**	None
8	**Duration of Study** (number of years)	1-year FT; 2-years PT
9	**Mode of Study**	FT **X** PT **X** DL
10	**Level of Award (FHEQ)**	
11	**Other teaching depts or institution**	None
12	**Professional, Statutory Regulatory Body(PSRB) details**	N/A
13	**QAA Benchmark Statement**	Computing

14	**Programme Rationale & Aims**

The Programme provides a top-up degree to DCSIS students who have successfully graduated with a foundation degree. The programme builds on students' previous level 4 and level 5 study of IT and IT related disciplines, reinforcing already learned skills and knowledge, and introducing a range of new skills and knowledge at level 6.

Specifically, the Programme seeks to develop BSc level knowledge in database management, information security, and advanced programming. The Programme also seeks to develop professional skills, knowledge and ethics, thereby readying graduates for entry into an IT profession. To further enhance graduate employability, students carry out a complex computing project, specifically designed to foster creativity, the ability to work independently and the ability to manage a large complex workload.

15	**Entry Criteria**

Birkbeck FdSc graduates: A pass grade or above in the DCSIS FdSc.

(External applicants: 240 IT or IT related credits, earned at level 4 and 5, with at least 120 credits being at level 5.)

16	**Learning Outcomes**

1. Demonstrate knowledge and competence in selected areas of Information Technology; notably Computer Programming, Information Security, and Database Management.

2. Demonstrate an understanding of, and ability to work-within, professional codes of practice and, legal and ethical boundaries.

3. Show clear evidence of the ability to produce high quality output to strict deadlines.

4. Demonstrate the ability to produce high level written, oral, and graphical communication in both technical and non-technical environments.

5. Demonstrate the ability to plan and project manage all aspects of a software development project.

6. Be able to think critically, logically analyse, and adapt as necessary.

7. Demonstrate the ability to identify, formulate, and solve IT related problems using established processes

17	**Learning, teaching and assessment methods**

Teaching:
- Lectures
- Seminar groups
- Practical work

Assessments:
- Exams
- Coursework
- In-class tests
- Project work

18	**Programme Description**

The Programme provides a top-up degree to BBK DCSIS students who have successfully graduated with a foundation degree and can transfer 240 credits in an IT related discipline at levels 4 and 5. The programme builds on students' previous level 4 and level 5 study of IT and IT related disciplines, reinforcing already learned skills and knowledge, and introducing a range of new skills and knowledge at level 6.

Students take 120 credits of compulsory modules. Students completing the programme are awarded a BSc Information Technology.

19	**Programme Structure**

Full Time programme – 1 year

Year 1

Level	Module Code	Module Title	Credits	Status*
6	BUCI034H6	Artificial Intelligence and Machine Learning	15	Compulsory
6	BUCI028H6	Cloud Computing Concepts	15	Compulsory
6	COIY028H6	Database Management	15	Compulsory
6	COIY045H6	Information Security	15	Compulsory
6	BUCI045H6	Introduction to Data Analytics using R	15	Compulsory
6	BUCI067H6	Software Engineering II	15	Compulsory
6	BUCI027S6	BSc Computing Project	30	Compulsory

Part-Time programme – 2 years				
Year 1				
Level	**Module Code**	**Module Title**	**Credits**	**Status***
6	BUCI034H6	Artificial Intelligence and Machine Learning	15	Compulsory
6	COIY045H6	Information Security	15	Compulsory
6	BUCI045H6	Introduction to Data Analytics using R	15	Compulsory
6	BUCI067H6	Software Engineering II	15	Compulsory
Year 2				
Level	**Module Code**	**Module Title**	**Credits**	**Status***
6	BUCI028H6	Cloud Computing Concepts	15	Compulsory
6	COIY028H6	Database Management	15	Compulsory
6	BUCI027S6	BSc Computing Project	30	Compulsory

Status*

CORE – Module must be taken and passed by student

COMPULSORY – Module must be taken, mark can be reviewed at sub-exam board

OPTIONAL – Student can choose to take this module

20	**Additional Programme Information**
	The programme is intended for students who have successfully completed the Birkbeck FdSc in Computing/Information Technologies/Web Development.

21	**Programme Director**	David Weston
22	**Start Date** (term/year)	1 October 2020
23	**Date approved by Education Committee**	Spring 2011
24	**Date approved by Academic Board**	Summer 2011
25	**Date(s) updated/amended**	23 June 2022