KEY PROGRAMME INFORMATION

Originating institution(s) Bournemouth University	Faculty responsible for the programme Faculty of Science and Technology
Final award(s), title(s) and credits BSc (Hons) Data Science and Artificial Intelligence – 120 (60 ECTS) Level 4 / 120 (60 ECTS) Level 5 / 120 (60 ECTS) Level 6 credits	
Intermediate award(s), title(s) and credits Dip HE Data Analytics – 120 (60 ECTS) Level 4 / 120 (60 ECTS) Level 5 credits Cert HE Computing – 120 (60 ECTS) Level 4 credits	
UCAS Programme Code(s) (where applicable and if known) 38F2	**HECoS (Higher Education Classification of Subjects) Code and balanced or major/minor load.** 100358, 100359 (balanced)
External reference points • The UK Quality Code for Higher Education; • Chapter A1: The National Level (incorporating the Framework for Higher Qualifications (FHEQ) in England, Wales and Northern Ireland); • Chapter A2: The Subject and Qualification Level (incorporating the Subject benchmark statements for Computing (2022)); • BCS – The Chartered Institute for IT guidelines • United Nations Sustainable Development Goals (SDGs)	
Professional, Statutory and Regulatory Body (PSRB) links Click here to enter text.	
Places of delivery Bournemouth University, Tablot Campus	
Mode(s) of delivery Full-time/Full-time sandwich	**Language of delivery** English
Typical duration UG September start (3 years full time with or 4 years full time with 30 weeks sandwich placement)	
Date of first intake September 2023	**Expected start dates** September 2023
Maximum student numbers N/A	**Placements** 30 weeks, optional
Partner(s) N/A	**Partnership model** N/A
Date of this Programme Specification July 2022	
Version number 1.0-0924	

Approval, review or modification reference numbers E2017032 BU 1819 01 EC 1819 25 FST 1819 21,approved 04/09/19. Previously v1.1-0919 FST 1920 21, approved 05/02/20, Previously v1.2-0919 BU 2021 01, approved 30/09/20, previously v1.3-0920 E212216 EC 2223 09 EC 2223 32
Author Rashid Bakirov

PROGRAMME STRUCTURE

Programme Award and Title: BSc (Hons) Data Science and Artificial Intelligence								
Year 1/Level 4								
Unit Name	**Core/ Option**	**No. of Credits**	**Assessment Element Weightings**			**Expected Contact hours per unit**	**Unit Version No.**	**HECoS Code** (plus balanced or major/ minor load)
			Exam 1	**Cwk 1**	**Cwk 2**			
Computer Fundamentals	Core	20	50%	50%		36	3.0	100734 100735
Mathematics for Computing	Core	20	50%	50%		36	1.0	100400
Programming	Core	20	50%	50%		36	1.0	100956
Data Management	Core	20	50%	50%		36	1.0	100754 100755
Introduction to Business Analytics	Core	20		100%		36	1.0	100360 100992
Computing and Society	Option	20		100%		36	1.0	100367 100631
Progression requirements: Requires 120 credits at Level 4 **Exit qualification:** Cert HE Computing (requires 120 credits at Level 4)								

Year 2/Level 5								
Unit Name	**Core/ Option**	**No. of Credits**	**Assessment Element Weightings**			**Expected Contact hours per unit**	**Unit Version No.**	**HECoS Code (plus balanced or major/ minor load)**
			Exam 1	**Cwk 1**	**Cwk 2**			
Big Data Engineering and Analytics	Core	20		100%		36	1.0	100754 100755
Machine Learning	Core	20		40%	60%	36	2.0	100992
System Analysis and Design	Core	20	50%	50%		36	1.0	100753
Data Structures and Algorithms	Core	20	30%	70%		36	1.0	100956
Technological Innovations in Business Analytics	Core	20	30%	70%		36	1.0	100360 100373
Software Business	Option	20		100%		36	1.0	100360

Progression requirements: Requires 120 credits at Level 5 **Exit qualification:** Dip HE Data Analytics (requires 120 credits at Level 4 and 120 credits at Level 5)
Optional placement year in industry/business: Students who successfully complete the one-year placement will be awarded a degree in sandwich mode. **Progression requirements:** Satisfactory completion of a minimum 30-week (up to a year) placement in industry/business and placement report.

Year 3/Level 6
Students are required to complete 2 core, 1 option, and one unit from the University open curriculum offering.

Unit Name	Core/ Option	No. of Credits	Assessment Element Weightings			Expected Contact hours per unit	Unit Version No.	HECoS Code (plus balanced or major/ minor load)
			Exam 1	Cwk 1	Cwk 2			
Data Visualisation and Storytelling	Core	20		100%		36	1.0	100632 100755
Deep Learning and Applications	Core	20		100%		36	1.0	100992 100359
Computability and Complexity	Option	20		100%		36	1.0	100366 101029
Human Computer Interaction	Option	20		100%		36	1.0	100736
Software Quality Assurance	Option	20		100%		36	1.0	100374
Systems Development	Option	20		100%		36	1.0	100374 100956
Digital Futures	Option	20		100%		36	1.0	100373 100440
Individual Project	Core	40		100%		21	1.0	100358 (major) 100812 (minor)

Exit qualification: BSc (Hons) Data Science and Artificial Intelligence

Sandwich UG award: Requires 120 credits at Level 4, 120 credits at Level 5, 120 credits at Level 6 and successful completion of a placement year.

Full-time UG award: Requires 120 credits at Level 4, 120 credits at Level 5 and 120 credits at Level 6.

AIMS OF THE DOCUMENT

The aims of this document are to:

- define the structure of the programme;
- specify the programme award titles;
- identify programme and level learning outcomes;
- articulate the regulations governing the awards defined within the document.

AIMS OF THE PROGRAMME

Our digital universe held an estimated 44 zetabytes of data by 2020 which is expected to raise up to 175 zetabytes by 2025. Research in traditionally qualitative disciplines is fundamentally changing due to the availability of this "Big Data" and data-intensive computing has been named as the fourth paradigm of scientific discovery. The commercial world is also undergoing a similar transformation, with data science emerging as one of the key competitive dimensions. According to the Royal Society report from 2019, the number of jobs in data Science and analytics area has increased by 231%, with demand for "Data Scientist" job title increasing by 1,287% from the years 2013 to 2018, compared to 36% increase in the same period for overall job market. Other data-related occupations, such as Data Engineer and Advanced Analyst enjoy similar demand rates. According to the 2020 UK Government report, there is a shortage of data science and AI skills and a shortage of professionals in the area; 49% of firms were affected by a lack of candidates with technical skills, and 69% of companies recruiting for data science and AI roles, found at least one vacancy hard to fill.

Accordingly, this programme is a response to the great and immediate need for people with data science and artificial intelligence expertise acknowledged by industry and governmental bodies. Capitalising on the expertise and strong research portfolio of the Data Science and Artificial Intelligence Research Group, we are offering an attractive undergraduate level course in the area of data science which aims at producing graduates:

- with deep analytical skills able to pursuit both industrial and academic careers;
- understanding the foundations of machine learning and statistics;
- familiar with the stack of recently developed technologies enabling fast processing of large amounts of data (or Big Data);
- able to develop software with focus on business applications;
- aware of relevant application areas of these technologies and methods;
- able to efficiently communicate the results of whatever analysis they perform, to various audiences.

ALIGNMENT WITH THE UNIVERSITY'S STRATEGIC PLAN

The BSc (Hons) Data Science and Artificial Intelligence programme is informed by and well aligned with Bournemouth University's 2025 strategic plan and the fusion of excellent teaching, world-class research and professional practice that is at the heart of the institution's visions and values. Students are supported by academics with a wealth of industry experience, many of whom are actively engaged in various data-related projects with several external organisations. Academics delivering the programme are actively engaged in cutting edge research, while students are encouraged to participate in a range of co-creation and co-publication projects. The programme's innovative pedagogic approach offers students the opportunity to learn by engaging in a series of practical, industry focused tasks which are supported by industry collaborations. These are aimed at equipping students with the full range of skills necessary to succeed in the contemporary ICT environment, and are informed by the academic team's own industrial experience as well as by a network of industry contacts, who may also contribute directly to the programme by delivering guest lectures and contributing to assessment. Staff, students and graduates will enrich society as active citizens in their communities. The programme is aligned with BU Strategic Plan for supporting the development of attributes such as global outlook and citizenship as well as to contribute society by having a significant impact on challenges worldwide through fusion.

LEARNING HOURS AND ASSESSMENT

Bournemouth University taught programmes are composed of units of study, which are assigned a credit value indicating the amount of learning undertaken. The minimum credit value of a unit is normally 20 credits, above which credit values normally increase at 20-point intervals. 20 credits is the equivalent of 200 study hours required of the student, including lectures, seminars, assessment and independent study. 20 University credits are equivalent to 10 European Credit Transfer System (ECTS) credits.

The assessment workload for a unit should consider the total time devoted to study, including the assessment workload (i.e. formative and summative assessment) and the taught elements and independent study workload (i.e. lectures, seminars, preparatory work, practical activities, reading, critical reflection).

Assessment per 20 credit unit should normally consist of 3,000 words or equivalent. Dissertations and Level 6 and 7 Final Projects are distinct from other assessment types. The word count for these assignments is 5,000 words per 20 credits, recognising that undertaking an in-depth piece of original research as the capstone to a degree is pedagogically sound.

STAFF DELIVERING THE PROGRAMME

Students will usually be taught by a combination of senior academic staff with others who have relevant expertise including – where appropriate according to the content of the unit – academic staff, qualified professional practitioners, demonstrators/technicians and research students.

INTENDED LEARNING OUTCOMES – AND HOW THE PROGRAMME ENABLES STUDENTS TO ACHIEVE AND DEMONSTRATE THE INTENDED LEARNING OUTCOMES

PROGRAMME AND LEVEL 6 INTENDED PROGRAMME/LEVEL OUTCOMES

A: Subject knowledge and understanding This programme/level provides opportunities for students to develop and demonstrate knowledge and understanding of*:*	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the programme/level learning outcomes:
A1 Principles and techniques of data science and AI A2 Enabling technologies for data science and AI applications A3 A rigorous engineering approach to investigating and solving data science and AI problems in business context; A4 The management and development of IT solutions to address data science and AI or other problems; A5 The professional, legal & ethical responsibilities of data science and AI personnel within the organisational, technical and global contexts in which data science and AI are applied.	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • lectures (A1-A5); • seminars (A1-A5); • directed reading (A1-A5); • use of the VLE (A1 – A5); • independent research (for dissertation) (A1-A5).
	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • coursework design and implementation (A1-A5); • coursework essays (A1-A5); • dissertation (A1-A5).
B: Intellectual skills This programme/level provides opportunities for students to:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the programme/level outcomes:
B1 Critically thinking, problem-solving and decision-making to solve data science and AI problems; B2 Analyse, interpret, synthesise and critically evaluate information from current research; B3 Critically evaluate and justify alternative approaches to solutions development;	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • lectures (B1 – B5); • seminars (B1 – B5); • directed reading (B1 – B5); • use of the VLE (B1 – B5); • independent research (for dissertation) (B1 – B5).

B4 Formulate, plan, execute, and report on a data science and AI project involving original contributions; B5 Communicate findings to professional and academic standards.	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • coursework essays (B1 – B5); • dissertation (B1 – B5).
C: Practical skills This programme/level/stage provides opportunities for students to:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the programme/level learning outcomes:
C1 Retrieve, select and evaluate information from a variety of sources; C2 Analyse, specify, design and implement data science and AI applications to meet business goals; C3 Select appropriate methods and tools for solving data science and AI problems; C4 Plan, monitor and evaluate the progress of a data science and AI solution.	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • lectures (C1 – C4); • coursework essays (C1 – C4); • independent research for empirical dissertation (C1 – C4); • Individual Project Supervision (C1 – C4).
	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • examinations (C1 – C4); • coursework essays (C1 – C4); • coursework design and implementation (C1 – C4) • Individual Project/dissertation (C1 – C4).
D: Transferable skills This programme/level/stage provides opportunities for students to:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the programme/level learning outcomes:
D1 Demonstrate problem solving skills and the application of knowledge across the discipline areas. D2 Gather, select, and analyse a range of experimental and fieldwork data and present professionally using appropriate media.	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • lectures (D1 – D5); • seminars (D1- D5); • use of the VLE (D1 – D5); • directed reading (D1- D5).

BSc (Hons) Data Science and Artificial Intelligence
Version 1.0-0924
© Bournemouth University 2022

D3 Structure and communicate ideas professionally and effectively to appropriate professional and academic standards. D4 Demonstrate initiative, self direction and exercise personal responsibility for management of own learning. D5 Distill, synthesise and critically analyse alternative approaches and methodologies to problems and research results reported in literature and elsewhere.	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • coursework essays (D1 – D5); • coursework design and implementation (D1 – D5); • examinations (D1 – D5); • dissertation (D1- D5).

LEVEL 5/DipHE INTENDED LEVEL OUTCOMES

A: Knowledge and understanding This programme/level provides opportunities for students to develop and demonstrate knowledge and understanding of*:*	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level/stage learning outcomes:
A1 Principles and techniques of data science and AI A2 Enabling technologies for data science and AI applications A4 The management and development of IT solutions to address data science and AI or other problems; A5 The professional, legal & ethical responsibilities of data science and AI personnel within the organisational, technical and global contexts in which data science and AI are applied.	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • lectures (A1, A2, A4, A5); • seminars (A1, A2, A4, A5); • directed reading (A1, A2, A4, A5); • use of the VLE (A1, A2, A4, A5).
	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • examinations (A1, A2, A4, A5); • coursework essays/presentations (A1, A2, A4, A5); • coursework design and implementation (A1, A2, A4, A5).
B: Intellectual skills This programme/level/stage provides opportunities for students to:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level/stage learning outcomes:

B1 Critically thinking, problem-solving and decision-making to solve data science and AI problems; B2 Analyse, interpret, synthesise and critically evaluate information from current research; B3 Critically evaluate and justify alternative approaches to solutions development; B5 Communicate findings to professional and academic standards.	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • lectures (B1 – B3, B5); • seminars (B1 – B3, B5); • directed reading (B1 – B3, B5) • use of the VLE (B1 – B3, B5).
	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • examinations (B1 – B3, B5); • coursework essays/presentations (B1 – B3, B5). • coursework design and implementation (B1 – B3, B5).
C: Practical skills This programme/level/stage provides opportunities for students to:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level/stage learning outcomes:
C1 Retrieve, select and evaluate information from a variety of sources; C2 Analyse, specify, design and implement data science and AI applications to meet business goals; C3 Select appropriate methods and tools for solving data science and AI problems;	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • lectures (C1 – C3); • seminars (C1 – C3); • group exercises (C1 – C3).
	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • examinations (C1-C3); • coursework design and implementation (C1 – C3).
D: Transferable skills This programme/level/stage provides opportunities for students to:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level/stage learning outcomes:

	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes):
D1 Demonstrate problem solving skills and the application of knowledge across the discipline areas. D2 Gather, select, and analyse a range of experimental and fieldwork data and present professionally using appropriate media. D3 Structure and communicate ideas professionally and effectively to appropriate professional and academic standards. D4 Demonstrate initiative, self direction and exercise personal responsibility for management of own learning.	- lectures (D1 – D4); - seminars (D1 – D4); - use of the VLE (D1 – D4); - group exercises (D1 – D4). - directed reading (D1 – D4).
	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): - examinations (D1 – D4); - coursework essays/presentations (D1 – D4). - coursework design and implementation (D1 – D4).

LEVEL 4/Cert HE INTENDED LEVEL OUTCOMES

A: Knowledge and understanding This programme/level provides opportunities for students to develop and demonstrate knowledge and understanding of*:*	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level/stage learning outcomes:
A1 Principles and techniques of data science and AI A4 The management and development of IT solutions to address data science and AI or other problems; A5 The professional, legal & ethical responsibilities of data science and AI personnel within the organisational, technical and global contexts in which data science and AI are applied.	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): - lectures (A1, A4, A5); - seminars (A1, A4, A5); - directed reading (A1, A4, A5).
	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): - examinations (A1, A4, A5); - coursework essays/presentations (A1, A4, A5).

	• coursework design and implementation (A1, A4, A5).
B: Intellectual skills This programme/level provides opportunities for students to:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level/stage learning outcomes:
B1 Critically thinking, problem-solving and decision-making to solve data science and AI problems; B2 Analyse, interpret, synthesise and critically evaluate B5 Communicate findings to professional and academic standards.	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • lectures (B1, B2, B5); • seminars (B1, B2, B5); • directed reading (B1, B2, B5).
	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • examinations (B1, B2, B5); • coursework essays/presentations (B1, B2, B5). • coursework design and implementation (B1, B2, B5).
C: Practical skills This programme/level provides opportunities for students to:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level/stage learning outcomes:
C1 Retrieve, select and evaluate information from a variety of sources; C3 Select appropriate methods and tools for solving data science and AI problems;	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • lectures (C1, C3); • seminars (C1, C3); • group exercises (C1, C3).
	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • examinations (C1, C3); • coursework essays/presentations (C1, C3).

	• coursework design and implementation (C1, C3).
D: Transferable skills This programme/level provides opportunities for students to:	The following learning and teaching and assessment strategies and methods enable students to achieve and to demonstrate the level/stage learning outcomes:
D2 Gather, select, and analyse a range of experimental and fieldwork data and present professionally using appropriate media. D3 Structure and communicate ideas professionally and effectively to appropriate professional and academic standards. D4 Demonstrate initiative, self direction and exercise personal responsibility for management of own learning.	Learning and teaching strategies and methods (referring to numbered Intended Learning Outcomes): • lectures (D2 – D4); • seminars (D2- D4); • use of the VLE (D2 – D4); • directed reading (D2- D4).
	Assessment strategies and methods (referring to numbered Intended Learning Outcomes): • coursework essays/presentations (D2 – D4). • coursework design and implementation (D2 – D4). • examinations (D2 – D4).

Programme Skills Matrix

Units		A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	C1	C2	C3	C4	D1	D2	D3	D4	D5
	Programme Intended Learning Outcomes																			
LEVEL 6	Data Visualisation and Storytelling	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Deep Learning and Applications	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Systems Development	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Computability and Complexity	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Human Computer Interaction	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Software Quality Assurance		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Individual Project	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Digital Futures (Elective)		X		X	X		X	X		X	X					X	X	X	X
LEVEL 5	Machine Learning	X	X		X	X	X	X	X		X	X	X	X		X	X	X	X	
	Big Data Engineering and Analytics	X	X		X	X	X	X	X		X	X	X	X		X	X	X	X	
	System Analysis and Design		X		X	X	X	X	X		X	X	X	X		X	X	X	X	
	Technological Innovations in Business Analytics	X	X		X	X	X	X	X		X	X	X	X		X	X	X	X	
	Data Structures and Algorithms	X	X		X	X	X	X	X		X	X	X	X		X	X	X	X	
	Software Business (Elective)		X		X	X	X	X	X		X	X	X	X		X	X	X	X	
LEVEL 4	Programming	X			X	X	X	X			X	X		X			X	X	X	
	Computer Fundamentals	X			X	X	X	X			X	X		X			X	X	X	
	Data Management	X			X	X	X	X			X	X		X			X	X	X	
	Mathematics for Computing	X			X	X	X	X			X	X		X			X	X	X	
	Introduction to Business Analytics	X			X	X	X	X			X	X		X			X	X	X	
	Computing and Society (Elective)	X			X	X	X	X			X	X		X			X	X	X	

A – Subject Knowledge and Understanding	C – Subject-specific/Practical Skills
This programme provides opportunities for students to develop and demonstrate knowledge and understanding of: 1. Principles, concepts and techniques of data science and AI 2. Enabling technologies for data science and AI applications 3. A rigorous engineering approach to investigating and solving data science and AI problems in business context; 4. The management and development of IT solutions to address data science and AI or other problems; 5. The professional, legal & ethical responsibilities of data science and AI personnel within the organisational, technical and global contexts in which data science and AI are applied.	This programme provides opportunities for students to: 1. Retrieve, select and evaluate information from a variety of sources; 2. Analyse, specify, design and implement data science and AI applications to meet business goals; 3. Select appropriate methods and tools for solving data science and AI problems; 4. Plan, monitor and evaluate the progress of a data science and AI solution.
B – Intellectual Skills	**D – Transferable Skills**
This programme provides opportunities for students to: 1. Critically thinking, problem-solving and decision-making to solve data science and AI problems; 2. Analyse, interpret, synthesise and critically evaluate information from current research; 3. Critically evaluate and justify alternative approaches to solutions development; 4. Formulate, plan, execute, and report on a data science and AI project involving original contributions; 5. Communicate findings to professional and academic standards.	This programme provides opportunities for students to: 1. Demonstrate problem solving skills and the application of knowledge across the discipline areas. 2. Gather, select, and analyse a range of experimental and fieldwork data and present professionally using appropriate media. 3. Structure and communicate ideas professionally and effectively to appropriate professional and academic standards. 4. Demonstrate initiative, self direction and exercise personal responsibility for management of own learning. 5. Distill, synthesise and critically analyse alternative approaches and methodologies to problems and research results reported in literature and elsewhere.

ADMISSION REGULATIONS

The regulations for this programme are Bournemouth University's Standard Undergraduate Admission Regulations: BSc (Hons) Data Science and Artificial Intelligence

PROGRESSION ROUTES

Partnership arrangements provide formally approved progression routes through which students are eligible to apply for a place on a programme leading to a BU award. Please find information on Global Partnerships here: Global partnerships | Bournemouth University

ASSESSMENT REGULATIONS

The regulations for this programme are Bournemouth University's Standard Undergraduate Assessment Regulations.

WORK BASED LEARNING (WBL) AND PLACEMENT ELEMENTS

Students, under the guidance of lecturers and the Placement Office, are required to complete a sandwich year with a 30 week minimum placement requirement before Level 6.

The placement is assessed on a pass/fail basis using the log book and employer appraisal. The 30 week sandwich placement must be completed between Levels 5 and 6 and is a requirement for progression to Level 6 for the successful completion of the sandwich mode award.

Placement draws on some or all of the units studied on the first two levels of the programme. It provides the opportunity for the student to develop their abilities and understanding of software engineering related subjects, as well as providing a platform for successful entry into the profession following graduation. It applies and develops understanding and skills acquired in Levels 4 and 5, makes a major contribution to the understanding of the final level units, further develops final projects or dissertation research by utilising the context of the work experience as appropriate and enhances students' prospects of future employment.