



## **Programme Specification**

### **Information Technology {Top-Up} [Frenchay]**

Version: 2024-25, v3.0, 10 Apr 2024

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## Section 1: Key Programme Details

### Part A: Programme Information

**Programme title:** Information Technology {Top-Up} [Frenchay]

**Highest award:** BSc (Hons) Information Technology

**Interim award:** BSc Information Technology

**Awarding institution:** UWE Bristol

**Teaching institutions:** UWE Bristol

**Study abroad:** No

**Year abroad:** No

**Sandwich year:** No

**Credit recognition:** No

**School responsible for the programme:** CATE School of Computing and Creative Technologies, College of Arts, Technology and Environment

**Professional, statutory or regulatory bodies:** Not applicable

**Modes of delivery:** Full-time, Part-time

**Entry requirements:** For the current entry requirements see the UWE public website.

**For implementation from:** 01 September 2018

**Programme code:** G56000

## Section 2: Programme Overview, Aims and Learning Outcomes

### Part A: Programme Overview, Aims and Learning Outcomes

**Overview:** This award is designed to enable flexible entry to students who have successfully completed prior studies at level 1 and level 2 of a UK undergraduate degree programme in an area of Computing, Information Technology or Information Systems. The core modules provide theoretical as well as practical experience of Information Technology that builds on this prior knowledge. This programme will enable students to acquire the relevant competences and knowledge necessary to contribute effectively to the deployment of computer-based information systems in changing technological, business, and social environments.

**Features of the programme:**

**Educational Aims:** In particular this Award aims to:

Provide a broad-based coverage of the theory and practice of aspects of Information Technology.

Instil the practical skills necessary both for initial employment within the industry and for communicating with and comprehending other professionals in the application domain.

Develop understanding of the role, capabilities and limitations of IT and to enable students to evaluate and select appropriate solutions.

Encourage students to uphold general professional, ethical and social standards and to keep up-to-date with recent technological and theoretical developments.

Provide exposure to the body of research that underlies the use of computers and development of information technology.

Provide sufficient knowledge of how organisations function to enable the student to pursue a management career in a range of organisations.

**Programme Learning Outcomes:**

On successful completion of this programme graduates will achieve the following learning outcomes.

**Programme Learning Outcomes**

- PO1. Apply fundamental principles and technical skills in areas such as programming, data, web, and IT project management to analyse, design, and implement IT solutions.
- PO2. Evaluate and select appropriate technologies and tools to solve complex IT problems, considering their capabilities, limitations, and suitability for different contexts.
- PO3. Design, develop, and maintain secure, scalable, and robust software applications and systems, adhering to industry best practices and standards.
- PO4. Analyse, interpret, and visualise data using appropriate tools and techniques.
- PO5. Collaborate effectively, demonstrating strong interpersonal, communication, and leadership skills, to manage IT projects successfully from initiation to completion.
- PO6. Evaluate the social, ethical, legal, and professional implications of emerging technologies and IT practices, and promote responsible and sustainable use of technology.
- PO7. Engage in continuous learning and professional development to stay current with the rapidly evolving field of information technology.

**Assessment strategy:** Approved to University Regulations and Procedures

**Student support:**

**Part B: Programme Structure****Information Science**

**Year 1**

Full time students must take 120 credits from the modules in Year 1.

Part time students must take 60 credits from the modules in Year 1.

Part time students on the Information Science pathway must take Professional and Academic Skills during year 1 and the Project or Dissertation in year 2.

Part time students on the standard pathway can take modules to make up to 60 credits per year with consultation with the programme leader. Typically, the Project or Dissertation would be undertaken in the final year.

**Year 1 Compulsory Modules (Full Time and Part Time)**

Full time and part time students must take 30 credits from the modules in Compulsory Modules (Full Time and Part Time)

<b>Module Code</b>	<b>Module Title</b>	<b>Credit</b>
UFCEEV-30-3	Professional and Academic Skills 2024-25	30

**Year 1 Optional Modules 1 (Project/Dissertation)**

Full time students must take 30 credits from the modules in Optional Modules 1 (Project/Dissertation)

<b>Module Code</b>	<b>Module Title</b>	<b>Credit</b>
UFCFM5-30-3	Information Systems Dissertation 2024-25	30
UFCFFC-30-3	Information Technology Project 2024-25	30

**Year 1 Optional Modules 2 (Full Time and Part Time)**

Full time students on the Information Science pathway must take 60 credits from the modules in Optional Modules 2 (Full Time and Part Time).

Full time students on the Standard pathway must take 90 credits from the modules in Optional Modules 2 (Full Time and Part Time).

Part time students on the Information Science pathway must take 30 credits from the modules in Optional Modules 2 (Full Time and Part Time).

Part time students on the Standard pathway must take 60 credits in consultation with the programme leader.

<b>Module Code</b>	<b>Module Title</b>	<b>Credit</b>
UFCE3Q-30-3	Advanced Web Development 2024-25	30
UFCFMM-30-3	Business Intelligence and Data Mining 2024-25	30
UFCFA5-15-3	Information, Networks and Society 2024-25	15
UFCFQ5-30-3	Interaction Design 2024-25	30
UFCFRB-15-3	Security Management in Practice 2024-25	15

## **Year 2**

Part time students must take 60 credits from the modules in Year 2.

Part time students may take modules in any order across Years 1 and 2 as the order of teaching of modules at the same level is not significant. Part time students can take modules to make up to 60 credits per year with consultation with the programme leader. Typically, the Project or Dissertation would be undertaken in the final year.

### **Year 2 Compulsory Modules (Project/Dissertation)**

Part time students must take 30 credits from the modules in Compulsory Modules (Project/Dissertation).

<b>Module Code</b>	<b>Module Title</b>	<b>Credit</b>
UFCFM5-30-3	Information Systems Dissertation 2025-26	30
UFCFFC-30-3	Information Technology Project 2025-26	30

### **Year 2 Optional Modules (Part Time)**

Part time students must take 30 credits from the modules in Optional Modules (Part Time).

<b>Module Code</b>	<b>Module Title</b>	<b>Credit</b>
UFCE3Q-30-3	Advanced Web Development 2025-26	30
UFCFMM-30-3	Business Intelligence and Data Mining 2025-26	30

UFCFA5-15-3	Information, Networks and Society 2025-26	15
UFCFQ5-30-3	Interaction Design 2025-26	30
UFCFRB-15-3	Security Management in Practice 2025-26	15

## Standard

### Year 1

Full time students must take 120 credits from the modules in Year 1.

Part time students must take 60 credits from the modules in Year 1.

Part time students on the Information Science pathway must take Professional and Academic Skills during year 1 and the Project or Dissertation in year 2.

Part time students on the standard pathway can take modules to make up to 60 credits per year with consultation with the programme leader. Typically, the Project or Dissertation would be undertaken in the final year.

### Year 1 Optional Modules 1 (Project/Dissertation)

Full time students must take 30 credits from the modules in Optional Modules 1 (Project/Dissertation)

Module Code	Module Title	Credit
UFCFM5-30-3	Information Systems Dissertation 2024-25	30
UFCFFC-30-3	Information Technology Project 2024-25	30

### Year 1 Optional Modules 2 (Full Time and Part Time)

Full time students on the Information Science pathway must take 60 credits from the modules in Optional Modules 2 (Full Time and Part Time).

Full time students on the Standard pathway must take 90 credits from the modules in Optional Modules 2 (Full Time and Part Time).

Part time students on the Information Science pathway must take 30 credits from the modules in Optional Modules 2 (Full Time and Part Time).

Part time students on the Standard pathway must take 60 credits in consultation with the programme leader.

<b>Module Code</b>	<b>Module Title</b>	<b>Credit</b>
UFCE3Q-30-3	Advanced Web Development 2024-25	30
UFCE3R-30-3	Big Data Analytics 2024-25	30
UFCE3M-30-3	Business Intelligence and Data Mining 2024-25	30
UFCE3P-30-3	Essentials and Applications of Artificial Intelligence 2024-25	30
UFCEB5-15-3	Ethical and Professional Issues in Computing and Digital Media 2024-25	15
UFCE3C-15-3	Forensic Computing Practice 2024-25	15
UFCE3A-15-3	Information, Networks and Society 2024-25	15
UFCE3Q-30-3	Interaction Design 2024-25	30
UFCE3S-30-3	Mobile Application Development 2024-25	30
UFCE3V-30-3	Professional and Academic Skills 2024-25	30
UFCE3E-15-3	Security Data Analytics and Visualisation 2024-25	15
UFCE3R-15-3	Security Management in Practice 2024-25	15

## **Year 2**

Part time students must take 60 credits from the modules in Year 2.

Part time students may take modules in any order across Years 1 and 2 as the order of teaching of modules at the same level is not significant. Part time students can take modules to make up to 60 credits per year with consultation with the programme leader. Typically, the Project or Dissertation would be undertaken in the final year.

### **Year 2 Compulsory Modules (Project/Dissertation)**

Part time students must take 30 credits from the modules in Compulsory Modules (Project/Dissertation).



<b>Module Code</b>	<b>Module Title</b>	<b>Credit</b>
UFCFM5-30-3	Information Systems Dissertation 2025-26	30
UFCFFC-30-3	Information Technology Project 2025-26	30

### **Year 2 Optional Modules (Part Time)**

Part time students must take 30 credits from the modules in Optional Modules (Part Time).

<b>Module Code</b>	<b>Module Title</b>	<b>Credit</b>
UFCE3Q-30-3	Advanced Web Development 2025-26	30
UFCE3R-30-3	Big Data Analytics 2025-26	30
UFCFMM-30-3	Business Intelligence and Data Mining 2025-26	30
UFCE3P-30-3	Essentials and Applications of Artificial Intelligence 2025-26	30
UFCFB5-15-3	Ethical and Professional Issues in Computing and Digital Media 2025-26	15
UFCFC5-15-3	Forensic Computing Practice 2025-26	15
UFCFA5-15-3	Information, Networks and Society 2025-26	15
UFCFQ5-30-3	Interaction Design 2025-26	30
UFCE3S-30-3	Mobile Application Development 2025-26	30
UFCEEV-30-3	Professional and Academic Skills 2025-26	30
UFCFEL-15-3	Security Data Analytics and Visualisation 2025-26	15
UFCFRB-15-3	Security Management in Practice 2025-26	15

**Part C: Higher Education Achievement Record (HEAR) Synopsis**

The primary aim of this programme is to 'add value' to students who have gained a Foundation Degree, HND or equivalent by providing them with the mix of skills and capabilities for the analysis, specification, design and delivery of IT systems. A substantial part of the programme is the core module (dissertation or project). It provides a solid foundation for lifelong learning, emphasizing the development of knowledge, skills and professional values essential to the practice of systems development.

A variety of delivery methods will be used to; advance knowledge through higher-level, subject-specific studies in areas of particular and current relevance.

The programme develops technically competent individuals who think and communicate effectively and who can conduct inquiry, solve problems, undertake critical analysis and deliver effective software systems solutions in a constantly changing business context.

**Part D: External Reference Points and Benchmarks**

This programme is in compliance with the University's priorities set out in the 2020 strategy. Students experience engaging and outstanding learning, teaching and support services throughout their student journey, fully utilising advances in technology to support their academic, professional and social growth and development.

In particular this programme is designed to follow and to support the partnership strategy. The programme provides further education opportunities for students who completed their studies at the local colleges. The programme leader has close collaborations with the regional colleges to promote the University's reputation. The programme is also designed with a flexible model to enable partnership colleges (in particular international partners) to customise our generic programme to tailor to their local demands and provisions.

The programme leader has had in depth conversations with staff and students from a local college. We have also consulted the International partnership coordinator.

**Part E: Regulations**

Approved to University Regulations and Procedures.