Programme Specification

Information Technology {Top-Up} [Frenchay]

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Contents

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 2026

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 FHEQ Level 4 or 5 of a UK HND or equivalent (e.g. Higher Diploma or Associate Degree) in an area of Computing, Information Technology or Information Systems, or equivalent. 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: The BSc (Hons) Information Technology programme aims to:

Provide students with comprehensive knowledge and practical experience in programming, data analytics, software applications and systems, and related fields, building upon prior computing or information technology studies.

Develop professionals capable of deploying effective IT solutions across diverse technological, business, and social environments, with a strong emphasis on ethical and responsible practice.

Cultivate strong analytical, problem-solving, and collaboration skills essential for successful careers in a wide range of IT industries.

Prepare graduates to adapt to and lead in the rapidly evolving field of emerging technologies and IT practice while maintaining high professional standards.

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: The programme implements a comprehensive assessment strategy that aligns with learning outcomes and professional requirements:

Diverse Assessment Methods:

Technical implementations and practical demonstrations
Written reports and documentation
Project presentations and demonstrations
Individual and group assignments
Research-based assessments

Professional Practice Assessment:

Evaluation of technical competencies
Assessment of professional skills and communication
Project management capabilities
Ethical consideration and responsible practice

Progressive Development:

Regular formative feedback throughout modules
Balanced distribution of assessments across the academic year
Integration of theoretical knowledge with practical applications
Focus on both individual and collaborative achievements

Industry Alignment:

Assessment tasks reflecting real-world scenarios
Emphasis on production-ready solutions
Evaluation of professional documentation and communication
Integration of current industry practices and standards

Quality Assurance:

Clear assessment criteria and learning outcomes
Regular review and updating of assessment methods
External examiner oversight
Alignment with university assessment regulations

This assessment strategy ensures graduates demonstrate both technical proficiency and professional capabilities required for successful careers in IT.

Student support: Student support for overarching academic and professional concerns is provided by the Programme Leader and an Academic Personal Tutor, and all issues relating to the content, delivery and assessment of individual modules is provided by our Module Leaders.

An essential ingredient is the active involvement of students. Student representatives are elected each year to serve on our termly student-staff forums and programme committee meetings. These meetings feed directly into the continuous improvement of the programme and university governance structures.

Careers support is integrated with direct input from the careers team, who work with us to develop bespoke professional practice activities alongside ongoing support in developing the skills, experience and knowledge necessary for improving employability prospects.

Students can also access help from professional services, who can provide confidential, timely and accurate advice on issues related to our service provision, as well as personal issues such as problems with studying or meeting deadlines, financial matters and ill health. Students on the programme also benefit from access to coaches, who provides friendly, non-judgemental support on many areas of student life and studies.

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)

Module Code	Module Title	Credit
UFCEEV-30-3	Professional and Academic Skills 2026-27	30

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 2026-27	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.

Module Code	Module Title	Credit
UFCFQ5-30-3	Interaction Design 2026-27	30
UFCFMM-30-3	Business Intelligence and Data Mining 2026-27	30
UFCE3R-30-3	Big Data Analytics 2026-27	30
UFCE3P-30-3	Essentials and Applications of Artificial Intelligence 2026-27	30
UFCF95-15-3	Entrepreneurial Skills 2026-27	15
UFCFLM-15-3	Sustainable Business and Computing 2026-27	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).

Module Code	Module Title	Credit
UFCFM5-30-3	Information Systems Dissertation 2027-28	30

Year 2 Optional Modules (Part Time)
Part time students must take 30 credits from the modules in Optional Modules (Part Time).

Module Code	Module Title	Credit
UFCF95-15-3	Entrepreneurial Skills 2027-28	15
UFCFLM-15-3	Sustainable Business and Computing 2027-28	15
UFCE3R-30-3	Big Data Analytics 2027-28	30
UFCFMM-30-3	Business Intelligence and Data Mining 2027-28	30
UFCE3P-30-3	Essentials and Applications of Artificial Intelligence 2027-28	30
UFCFQ5-30-3	Interaction Design 2027-28	30

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 2026-27	30
UFCFFC-30-3	Information Technology Project 2026-27	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.

Module Code	Module Title	Credit
UFCFQ5-30-3	Interaction Design 2026-27	30
UFCEEV-30-3	Professional and Academic Skills 2026-27	30
UFCFMM-30-3	Business Intelligence and Data Mining 2026-27	30
UFCE3R-30-3	Big Data Analytics 2026-27	30
UFCE3Q-30-3	Advanced Web Development 2026-27	30
UFCE3P-30-3	Essentials and Applications of Artificial Intelligence 2026-27	30
UFCF95-15-3	Entrepreneurial Skills 2026-27	15
UFCFLM-15-3	Sustainable Business and Computing 2026-27	15
UFCFRB-15-3	Security Management in Practice 2026-27	15

UFCE3S-30-3	Mobile Application Development 2026-27	30
UFCFEL-15-3	Security Data Analytics and Visualisation 2026-27	15
UFCFC5-15-3	Forensic Computing Practice 2026-27	15
UFCFB5-15-3	Ethical and Professional Issues in Computing and Digital Media 2026-27	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).

Module Code	Module Title	Credit
UFCFM5-30-3	Information Systems Dissertation 2027-28	30
UFCFFC-30-3	Information Technology Project 2027-28	30

Year 2 Optional Modules (Part Time)
Part time students must take 30 credits from the modules in Optional Modules (Part Time).

Module Code	Module Title	Credit
UFCF95-15-3	Entrepreneurial Skills 2027-28	15
UFCFLM-15-3	Sustainable Business and Computing 2027-28	15
UFCE3Q-30-3	Advanced Web Development 2027-28	30

UFCE3R-30-3	Big Data Analytics 2027-28	30
UFCFMM-30-3	Business Intelligence and Data Mining 2027-28	30
UFCE3P-30-3	Essentials and Applications of Artificial Intelligence 2027-28	30
UFCFB5-15-3	Ethical and Professional Issues in Computing and Digital Media 2027-28	15
UFCFC5-15-3	Forensic Computing Practice 2027-28	15
UFCFQ5-30-3	Interaction Design 2027-28	30
UFCE3S-30-3	Mobile Application Development 2027-28	30
UFCEEV-30-3	Professional and Academic Skills 2027-28	30
UFCFEL-15-3	Security Data Analytics and Visualisation 2027-28	15
UFCFRB-15-3	Security Management in Practice 2027-28	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 2030 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.