Module Specification

Software Development Project

Version: 2026-27, v4.0, Approved

Contents

Part 1: Information

Module title: Software Development Project

Module code: UFCFFF-30-3

Level: Level 6

For implementation from: 2026-27

UWE credit rating: 30

ECTS credit rating: 15

College: College of Arts, Technology and Environment

School: CATE School of Computing and Creative Technologies

Partner institutions: None

Field: Computer Science and Creative Technologies

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: In this module, students undertake an individual final year project, taking an idea from initial concept through to completion. Working with their supervisor, students agree a project topic and develop the idea through a research-informed development process to deliver a software artefact. Students demonstrate creativity, technical ability, and reflective awareness, preparing them for professional practice or further study.

Features: Not applicable

Educational aims: The final year project aims to give students the opportunity to bring together and apply the knowledge and skills developed throughout their studies in a substantial, independent piece of work. It encourages critical thinking, research, and problem-solving, while developing professional competencies such as project management, quality assurance, and effective communication.

Outline syllabus: The project is an individual piece of work, exploring an idea from conception through to realisation. Elements of the project process are covered in a short lecture series at the start of the academic year. Topics are likely to include but are not limited to:

Choosing a project
Researching the project idea
Making use of your supervisor
Moving from research to requirements
Configuration and release management and version control
Quality planning and assurance
Writing up the project.

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning includes lectures and project supervision. At the start of the module, there will be a series of lectures to the whole group of Software Development Project students.

Students will be allocated a supervisor. They will then agree the subject of the project with the supervisor and the Module Leader. Suitable topics may stem from staff, the student, or other outside organisations. The topic must lend itself to research followed by a software development process based on the research. It is the student's responsibility to research material and techniques appropriate to the subject of the project.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Work on a realistic problem, synthesising and critically evaluating information from multiple sources including academic and commercial documents.

MO2 Follow a development lifecycle from an initial idea through to the realisation of a software artefact using appropriate tools and methodologies.

MO3 Communicate the artefact developed and the process by which it was produced.

MO4 Demonstrate the artefact developed and discuss its design, attributes and shortcomings.

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 280 hours

Face-to-face learning = 20 hours

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link https://uwe.rl.talis.com/modules/ufcfff-30-3.html

Part 4: Assessment

Assessment strategy: There are two assessments for the Software Development project. Assessment will be equally divided between project reporting and demonstration of product functionality. The final project report will be supported by additional material in the form of software and documentation as appropriate, submitted upon completion of the project.

The resit strategy is the same as the first sit with the project being reworked based on feedback from their initial submission.

Assessment tasks:

Final Project (First Sit)

Description: project report
Weighting: 50 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2

Presentation (First Sit)
Description: In-person or video submission (20 mins)
Weighting: 50 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO3, MO4

Final Project (Resit)
Description: project report
Weighting: 50 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2

Presentation (Resit)
Description: In-person or video submission (20 mins)
Weighting: 50 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Software Engineering for Business {Foundation} [Frenchay] BSc (Hons) 2023-24

Software Engineering for Business [Frenchay] BSc (Hons) 2023-24

Software Engineering for Business [Frenchay] BSc (Hons) 2024-25

Business Computing {Foundation} [GCET] BSc (Hons) 2022-23

Business Computing {Foundation} [GCET] BSc (Hons) 2023-24

Business Computing {Foundation} [GCET] BSc (Hons) 2023-24

Software Engineering for Business {JEP} [Neusoft] BSc (Hons) 2023-24

Software Engineering for Business {JEP} [Neusoft] BSc (Hons) 2023-24

Software Engineering for Business [Frenchay] BSc (Hons) 2023-24

Software Engineering for Business {Foundation} [Frenchay] BSc (Hons) 2022-23

Software Engineering for Business [Frenchay] BSc (Hons) 2024-25

Software Engineering for Business {Foundation} [Frenchay] BSc (Hons) 2023-24

Software Engineering for Business {Foundation} [Frenchay] BSc (Hons) 2022-23

Business Computing {Foundation} [GCET] BSc (Hons) 2023-24

Business Computing {Foundation} [Frenchay] BSc (Hons) 2023-24

Business Computing [Frenchay] BSc (Hons) 2023-24

Business Computing [Frenchay] - WITHDRAWN BSc (Hons) 2024-25

Business Computing [Frenchay] BSc (Hons) 2024-25

Business Computing {Foundation} [Frenchay] BSc (Hons) 2023-24

Business Computing {Foundation} [Frenchay] BSc (Hons) 2022-23