



Module Specification

Financial Technology

Version: 2027-28, v2.0, Approved

Contents

Module Specification	1
Part 1: Information	2
Part 2: Description	2
Part 3: Teaching and learning methods	3
Part 4: Assessment.....	4
Part 5: Contributes towards	5

Part 1: Information

Module title: Financial Technology

Module code: UMADYA-15-3

Level: Level 6

For implementation from: 2027-28

UWE credit rating: 15

ECTS credit rating: 7.5

College: College of Business and Law

School: CBL Bristol Business School

Partner institutions: None

Field: Accounting and Finance

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: The Financial Technology module offers an in-depth exploration into how cutting-edge technologies such as blockchain, artificial intelligence, quantum computing, generative AI are revolutionising the financial industry. The module aims to provide students with a comprehensive understanding of the transformative effects of financial technology (FinTech) on traditional financial services.

Features: Not applicable

Educational aims: The financial sector is being disrupted and transformed by financial innovations through new profound technologies: blockchain, artificial intelligence, quantum computing and more. This module is intended to equip students with knowledge of how financial technology (FinTech) is transforming and disrupting the way financial services are conducted.

Additional skills which will be developed throughout the module include:

effective communication;
ability to plan and manage a task;
ability to work in a team setting;
digital literacy

Outline syllabus: The syllabus includes:

Introduction to financial technologies

Examination of blockchain and cryptocurrency technologies

Experimenting and analysing with blockchain technology

Big data and data analytics in enabling financial sector innovations

AI and other data analytical tools

Introduction to Python for data analysis;

Challenges for fintech

Part 3: Teaching and learning methods

Teaching and learning methods: The teaching and learning strategy is as follows:

Prepare: weekly materials, such as slides and readings will be made available in advance and students will be expected to prepare and familiarise themselves with

the materials covered every week.

Participate: Lectures and tutorials will be conducted using an active learning approach whereby students will contribute to build and share their knowledge.

Practise: the workshops will present students with real business challenges to apply their knowledge and learn how to formulate solutions to real world problems.

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

MO1 Analyse the effect of disruptive technology developments and opportunities provided by technological innovation in the financial services sector.

MO2 Apply tools and techniques to identify FinTech solutions to business challenges.

MO3 Deliver effective presentations on FinTech issues applied to Business context.

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/umadya-15-3.html) via the following link <https://uwe.rl.talis.com/modules/umadya-15-3.html>

Part 4: Assessment

Assessment strategy: The summative assessment is made of a portfolio with two parts:

A presentation in which students need to collaborate to present their understandings of the use of technology and how to apply it in practical cases. The presentation is a good industry life simulation in which students need to appreciate diverse perspectives, harmonise other ideas and ultimately pitch their case effectively.

The second part of the portfolio is an individual report (of max 500 words) in which

students are required to reflect upon their learning. This will help students to reflect their learning journey, the technology they used and how they could do differently upon the feedback of the teaching team.

Assessment tasks:**Portfolio (First Sit)**

Description: The portfolio has two parts:

A 15-minute group presentation and a 500 word individual reflective piece.

Weighting: 100 %

Final assessment: Yes

Group work: Yes

Learning outcomes tested: MO1, MO2, MO3

Portfolio (Resit)

Description: The portfolio has two parts:

A 15-minute group presentation and a 500 word individual reflective piece.

Weighting: 100 %

Final assessment: Yes

Group work: Yes

Learning outcomes tested: MO1, MO2, MO3

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Accounting and Finance {Foundation}[Frenchay] BA (Hons) 2024-25

Accounting and Business Management {Foundation} [Frenchay] BA (Hons) 2024-25

Accounting and Finance [Villa] BSc (Hons) 2025-26

Accounting and Finance [Phenikaa] BA (Hons) 2025-26

Accounting and Finance [BIBM] BSc (Hons) 2025-26

Accounting and Finance {Dual} [Taylors] BA (Hons) 2025-26

Accounting and Finance [Frenchay] BA (Hons) 2025-26

Accounting and Business Management [Frenchay] BA (Hons) 2025-26

Accounting and Business Management {Foundation} [Frenchay] BA (Hons) 2024-25

Accounting and Finance [Frenchay] BA (Hons) 2025-26