



## **Module Specification**

### **Financial Technology**

Version: 2023-24, v1.0, 28 Mar 2023

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## Part 1: Information

**Module title:** Financial Technology

**Module code:** UMADQK-15-3

**Level:** Level 6

**For implementation from:** 2023-24

**UWE credit rating:** 15

**ECTS credit rating:** 7.5

**Faculty:** Faculty of Business & Law

**Department:** FBL Dept of Accounting Economics & Finance

**Partner institutions:** None

**Delivery locations:** Not in use for Modules

**Field:**

**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:** Not applicable

**Features:** Not applicable

**Educational aims:** The financial sector is being disrupted and transformed by financial innovations through new banking technology, big data analytics, new payment systems 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.

Students will have the possibility to get hands on with fintech tools. The module is split between a lecturing component, which focus on fundamental understanding of emerging financial technologies, and a workshop component, allowing the students to get hands on and test their knowledge and understanding. Students will also be expected to put in significant work outside of lecture and workshop hours.

In addition, this module discusses the financial regulation and addresses the potential negative impacts of the disruption caused by these technologies. The module also covers current hot topic areas such as sustainability within Fintech.

**Outline syllabus:** The syllabus may include:

- 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;
- Python for data analysis;
- Challenges for fintech;
- Regulation and the UN Sustainability Development Goals.

### **Part 3: Teaching and learning methods**

**Teaching and learning methods:** See Assessment

**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 (A,B)

**MO2** Apply tools and techniques to identify fintech solutions to business challenges (A)

**MO3** Critically evaluate the use of fintech within business (B)

**MO4** Work effectively in a team to resolve financial technology business challenges (A)

**MO5** Communicate clearly and effectively, with confidence on topics of Blockchain, Big Data and AI (A,B)

**Hours to be allocated:** 150

**Contact hours:**

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

**Reading list:** The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link

<https://rl.talis.com/3/uwe/lists/C4BE41DA-4BF5-5E00-8750-5A81BDCDDA58.html?lang=en-GB&login=1>

## **Part 4: Assessment**

**Assessment strategy:** Assessment Strategy:

Task A: Group presentation (15 minutes)

The group presentation will comprise of 15 minutes in which students will present their research findings based on a fintech project of their choosing. They will also be asked to submit a presentation outline, including explaining individual contribution and providing full talking notes.

Task B: Individual report (2000 words)

An individual report in which students will independently research and critically analyse contemporary issues in financial technology.

**Assessment components:**

**Presentation (First Sit)**

Description: Group presentation (15 minutes)

Weighting: 40 %

Final assessment: No

Group work: Yes

Learning outcomes tested: MO1, MO2, MO4, MO5

**Report (First Sit)**

Description: Individual report (2000 words)

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO3, MO5

**Presentation (Resit)**

Description: Group presentation (15 minutes) with team skills reflection.

Time for questions included.

Weighting: 40 %

Final assessment: No

Group work: Yes

Learning outcomes tested:

**Report (Resit)**

Description: Individual report (2000 words)

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested:

**Part 5: Contributes towards**

This module contributes towards the following programmes of study:

Business Management and Economics {Top-Up} [Frenchay] BA (Hons) 2023-24

Accounting and Finance {Top-Up} [Frenchay] BA (Hons) 2023-24

Banking and Finance {Top-Up} [Frenchay] BSc (Hons) 2023-24

Business Management with Accounting and Finance {Top-Up}[Sep][FT][Frenchay][2yrs] BA (Hons) 2022-23

Economics [Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Economics [Sep][FT][Frenchay][3yrs] BA (Hons) 2021-22

Accounting and Finance [Sep][FT][Frenchay][3yrs] BA (Hons) 2021-22

Business Management and Economics [Sep][FT][Frenchay][3yrs] BA (Hons) 2021-22

Banking and Finance {Dual} [Aug][FT][Taylors][3yrs] BA (Hons) 2021-22

Banking and Finance {Dual} [Mar][FT][Taylors][3yrs] BA (Hons) 2021-22

Accounting and Management [Sep][FT][Frenchay][3yrs] - Withdrawn BA (Hons) 2021-22

Business Management with Accounting and Finance {Top-Up} [Sep][SW][Frenchay][3yrs] BA (Hons) 2021-22

Banking and Finance [Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Accounting [Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Accounting and Business Management [Sep][FT][Frenchay][3yrs] BA (Hons) 2021-22

Accounting and Finance {Foundation} [Sep][FT][Frenchay][4yrs] BA (Hons) 2019-20

Banking and Finance [Sep][SW][Frenchay][4yrs] - Withdrawn BA (Hons) 2020-21

Banking and Finance {Foundation} [Sep][FT][Frenchay][4yrs] BSc (Hons) 2020-21

Economics {Foundation} [Sep][FT][Frenchay][4yrs] BSc (Hons) 2020-21

Economics [Sep][SW][Frenchay][4yrs] BA (Hons) 2020-21

Accounting and Management [Sep][SW][Frenchay][4yrs] BA (Hons) 2020-21

Accounting [Sep][SW][Frenchay][4yrs] BSc (Hons) 2020-21

Accounting and Finance [Sep][SW][Frenchay][4yrs] BA (Hons) 2020-21

Accounting and Management {Foundation} [Sep][FT][Frenchay][4yrs] BA (Hons)  
2020-21

Banking and Finance {Foundation} [Sep][FT][Frenchay][4yrs] - Withdrawn BA (Hons)  
2020-21

Business Management and Economics {Foundation} [Sep][FT][Frenchay][4yrs] BA  
(Hons) 2020-21

Business Management and Economics [Sep][SW][Frenchay][4yrs] BA (Hons) 2020-  
21

Banking and Finance [Sep][SW][Frenchay][4yrs] BSc (Hons) 2020-21

Economics {Foundation} [Sep][FT][Frenchay][4yrs] BA (Hons) 2020-21

Economics [Sep][SW][Frenchay][4yrs] BSc (Hons) 2020-21

Banking and Finance {Foundation} [Sep][SW][Frenchay][5yrs] BA (Hons) 2019-20

Accounting and Management {Foundation} [Sep][SW][Frenchay][5yrs] BA (Hons)  
2019-20

Accounting and Finance {Foundation} [Sep][SW][Frenchay][5yrs] BA (Hons) 2019-20

Business Management and Economics {Foundation} [Sep][SW][Frenchay][5yrs] BA  
(Hons) 2019-20

Economics {Foundation} [Sep][SW][Frenchay][5yrs] BA (Hons) 2019-20

Economics {Foundation} [Sep][SW][Frenchay][5yrs] BSc (Hons) 2019-20