Programme Specification

Financial Technology [Sep][PT][Frenchay][2yrs]

Version: 2021-22, v1.1, 15 Nov 2021

Contents

Section 1: Key Programme Details

Part A: Programme Information

Programme title: Financial Technology [Sep][PT][Frenchay][2yrs]

Highest award: MSc Financial Technology

Interim award: PGCert Financial Technology

Interim award: PGDip Financial Technology

Awarding institution: UWE Bristol

Affiliated institutions: Not applicable

Teaching institutions: UWE Bristol

Study abroad: No

Year abroad: No

Sandwich year: No

Credit recognition: No

Department responsible for the programme: FBL Dept of Accounting Economics & Finance, Faculty of Business & Law

Contributing departments: Not applicable

Professional, statutory or regulatory bodies: Not applicable

Apprenticeship: Not applicable

Mode of delivery: Part-time

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

For implementation from: 01 September 2019

Programme code: N3I223-SEP-PT-FR-N3I212

Section 2: Programme Overview, Aims and Learning Outcomes

Part A: Programme Overview, Aims and Learning Outcomes

Overview: Financial Technology is at the core of disruptive transformation in financial and professional services industries with applications in, and implications for, business operations and effectiveness across the whole global economy. Bristol is a burgeoning fintech hub with global reach and increasing numbers of new employers and entrepreneurs, drawn to the skilled talent pool and favourable business environment in the region. There is a rapidly growing demand for graduates who combine technical data and systems understanding with business acumen and knowledge of the industries in which the technologies have maximum impact and application. This programme aims to meet this demand.

The programme aims to develop students to address the fast developing and pervasive impact of disruptive technologies in the financial and professional services industries, providing them with a distinctive and sought after portfolio of knowledge and skills. Students will be able to synthesise their learning in finance and technology to identify and evaluate opportunities and future trends in fintech. The programme draws on the expertise of academics and practitioners in data and computer science, in finance, regulation (legal / reg tech), enterprise and business. Partnerships with the Fintech industry are embedded in the teaching and assessment strategies to ensure cutting edge currency in applied knowledge and skills. Close collaboration with thought leaders and industry partners will create opportunities for students to develop their business networks and identify career opportunities as an integral part of their programme.

Educational Aims: The Programme aims to develop graduates with both data science and financial knowledge and technical and personal skills appropriate for future roles in the fintech business environment. Students will be enterprising future thinkers, creative problem solvers and networked team players with a deep understanding of the fintech environment and the opportunities within it, equipped to succeed in a disruptive and transformational business landscape.

The aims of the programme are to develop students who: ☐

Demonstrate deep applied knowledge and skills in data science and finance for a successful career in Financial Technology

Synthesise knowledge and skills in finance and technology to address complex problems and propose creative solutions in Fintech ☐

Demonstrate advanced business communication, collaborative teamwork and leadership skills

Effectively manage their personal and professional development

Critically evaluate legal and ethical boundaries in fintech innovation and their role as socially responsible global citizens

Programme Learning Outcomes:
On successful completion of this programme graduates will achieve the following learning outcomes.

Programme Learning Outcomes

PO1. Apply skills and knowledge in data science and finance to design, create, use and adapt FinTech solutions across a variety of contexts

PO2. Synthesise knowledge and skills in finance and technology to identify and evaluate opportunities and future trends in Fintech

PO3. Apply a deep strategic understanding of the theoretical and practical underpinnings of existing and emerging trends in Fintech

PO4. Undertake in depth research through design, data collection , analysis and synthesis to address complex problems in Fintech innovation

PO5. Work effectively in teams and collaborate in interdisciplinary projects

PO6. Communicate complex material effectively and efficiently, customised to the needs and level of the intended audience

PO7.   Demonstrate reflexivity and the ability to identify and develop a skillset appropriate for a chosen career in FinTech

PO8.   Critically evaluate legal, technical and ethical challenges and reflect on the importance of ethical decision making in the Fintech business environment

Part B: Programme Structure

Year 1

The student must take 120 credits from the modules in Year 1.

Year 1 Compulsory Modules

Module: UMADRQ-60-M FinTech Dissertation (part one) - Students will receive research methods training in year one, with allocation of supervisor and guidance on topic choice identification, working towards their proposal. The module is completed in year 2.

Module Code	Module Title	Credit
UMADRH-15-M	Finance for Fintech 2021-22	15
UMADRQ-60-M	Fintech Dissertation 2021-22	60
UFCFVQ-15-M	Programming for Data Science 2021-22	15

Year 1 Optional Modules

The student must take 30 credits from the modules in Optional Modules.

Module Code	Module Title	Credit
UFCF8H-15-M	Big Data 2021-22	15
UFCFXQ-15-M	Blockchain and Cryptocurrency 2021-22	15
UFCE8K-15-M	Data Management 2021-22	15
UFCE8J-15-M	Designing the User Experience 2021-22	15
UMADHY-15-M	Financial Engineering 2021-22	15
UMACRM-15-M	Financial Institutions and Banking 2021-22	15

UMADEQ-15-M	Financial Investments in Practice 2021-22	15
UFCFHJ-15-M	Information Security 2021-22	15
UJGUPH-15-M	Information Technology Law 2021-22	15
UJGUPF-15-M	International Banking and Finance Law 2021-22	15
UJGUPK-15-M	International Financial Crime 2021-22	15
UFCFMJ-15-M	Machine Learning and Predictive Analytics 2021-22	15
UMACRN-15-M	Portfolio Management 2021-22	15

Year 2
The student must take 60 credits from the modules in Year 2.

Year 2 Compulsory Modules
Module: UMADRQ-60-M FinTech Dissertation is started in year 1. In year 2 (Part two) students will develop their proposal into the full dissertation over a full calendar year .

Module Code	Module Title	Credit
UFCFWQ-45-M	Interdisciplinary Group Project 2022-23	45
UMADRK-15-M	The Fin Tech Environment 2022-23	15

Part C: Higher Education Achievement Record (HEAR) Synopsis

The programme develops students to address the fast developing and pervasive impact of disruptive technologies in the financial and professional services industries, providing them with a distinctive and sought after portfolio of knowledge and skills. Students combine technical data and systems understanding with financial knowledge and business acumen to be creative problem solvers and enterprising future thinkers, able to embrace challenges and opportunities in the industries in which financial technologies have maximum impact and application.

Part D: External Reference Points and Benchmarks

The programme has been developed in line with the UK QAA Benchmark standards for Masters degrees and the academic standards of AACSB accreditation.

Part E: Regulations

Approved to University Regulations and Procedures.