**Template C4**

# Programme Specification

## Title of Course: *MSc Financial Technology*

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|---|---|
| Date first produced | 08/08/2023 |
| Date last revised | 09/06/2025 |
| Date of implementation of current version | 02/09/2024 |
| Version number | 3 |
| Faculty | Faculty of Business and Social Sciences |
| Cross-disciplinary | |
| School | Kingston Business School |
| Department | Department of Accounting, Finance and Informatics |
| Delivery Institution | |

This Programme Specification is designed for prospective students, current students, academic staff and employers. It provides a concise summary of the main features of the programme and the intended learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if they take full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes and content of each modules can be found in the course VLE site and in individual Module Descriptors.

## SECTION 1: GENERAL INFORMATION

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|---|---|
| Award(s) and Title(s): | MSc Financial Technology |
| Exit Award(s) and Title(s): | PG Diploma in Financial Technology<br><br>PG Certificate in Financial Technology |
| Course Code<br>*For each pathway and mode of delivery* | N/A<br>PFFIT1FIT20 |
| UCAS code<br>*For each pathway* | |

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|---|---|
| Award(s) and Title(s): | MSc Financial Technology with professional placement |
| Exit Award(s) and Title(s): | PG Diploma in Financial Technology with professional placement<br><br>PG Certificate in Financial Technology with professional placement |
| Course Code<br>*For each pathway and mode of delivery* | |
| UCAS code<br>*For each pathway* | |

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|---|---|
| Awarding Institution: | Kingston University |
| Teaching Institution: | |
| Location: | Kingston Hill |
| Language of Delivery: | English |
| Delivery mode: | Primarily campus based (up to 20% of scheduled L&T hours delivered online) |
| Learning mode(s): | Part-time<br>Full-time<br>With Professional Placement |
| Minimum period of registration: | Part-time - 4<br>Full-time - 1<br>With Professional Placement - 2 |
| Maximum period of registration: | Part-time - 8<br>Full-time - 2<br>With Professional Placement - 3 |

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| Entry requirements | Kingston University typically uses a range of entry requirements to assess an applicant's suitability for our courses. Most postgraduate taught course requirements are based on having been awarded a relevant undergraduate degree and are normally coupled with minimum grades expectation of 2:2, specific courses in certain areas may have a stricter grade requirement. We may also use interview, portfolio and performance pieces to assess a person's suitability for some courses. We recognise that every person's journey to a postgraduate taught education is different and unique and in some cases we may take into account work experience and other non-standard pathways onto University level study.<br>Additionally, all non-UK applicants must meet our English language requirements.<br>Please see our course pages on the Kingston University website for the most up to date entry requirements. |
| Regulated by | The University and its courses are regulated by the Office for Students |
| Programme Accredited by: | Association to Advance Collegiate Schools of Business (AACSB) |
| Approved Variants: | none |
| Is this Higher or Degree Apprenticeship course? | No |

**SECTION 2: THE COURSE**

**A. Aims of the Course**

The aims of this course are:
- To develop in students the knowledge and skills necessary for a career in FinTech and continuing professional development through lifelong learning
- To examine the objectives, role, and scope of financial technology within the broader context of the global business environment and management practice
- To explore how theory, academic concepts, and the related empirical evidence in the fields of financial technology may be applied to create competitive advantage in a practical organisational context characterised by complexity and unpredictability.
- To provide a critical examination of the field of finance and financial technologies, to develop practical application skills and to provide the opportunity for course members to originate, plan, undertake and present the findings of a substantial independent research or consultancy project in the field of financial technology.
- To equip students with a solid understanding of navigating an increasingly complex, dynamic, and global financial market, shaping technological innovation, and contributing positively towards sustainability

**B. Programme Learning Outcomes**

The programme learning outcomes are the high-level learning outcomes that will have been achieved by all students receiving this award. They have been aligned to the levels set out in 'Sector Recognised Standards in England' (OFS 2022).

## Programme Learning Outcomes

| | Knowledge and Understanding<br><br>On completion of the course students will be able to: | | Intellectual Skills<br><br>On completion of the course students will be able to | | Subject Practical Skills<br><br>On completion of the course students will be able to |
|---|---|---|---|---|---|
| A1 | understand the transformative impact of fintech and the role of innovation on traditional financial institutions and the financial industry as a whole | B1 | engage in critical thinking, problem solving, and communication related to fintech | C1 | demonstrate a range of fintech application tools and techniques across a range of platforms for financial analysis and decision making |
| A2 | demonstrate an awareness of the key trends and emerging issues, and the core concepts underpinning finance, financial services, and financial markets | B2 | think creatively to generate novel and innovative solutions to contemporary issues in the financial technology sector | C2 | apply appropriate analytical and statistical techniques to issues and problems associated with financial technology, and in the broader context of business and management |
| A3 | critically evaluate and apply a range of analytical tools, programming applications and technologies relevant to the field of financial technology | B3 | reflect on, and evaluate, their own development to be an independent, critically reflective learner | C3 | develop research and consultancy skills |
| A4 | communicate and debate the ethical and regulatory considerations of using financial technologies in financial decision making | B4 | demonstrate the ability to exercise clear judgement in individual and group decision making | | |
| A5 | articulate an advanced knowledge of contemporary issues in blockchain, cryptocurrencies, artificial | | | | |

| | intelligence and machine learning and their application to the financial sector | | | | |
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## C. Future Skills Graduate Attributes

In addition to the programme learning outcomes, the programme of study defined in this programme specification will engage students in developing their Future Skills Graduate Attributes:
1. Creative Problem Solving
2. Digital Competency
3. Enterprise
4. Questioning Mindset
5. Adaptability
6. Empathy
7. Collaboration
8. Resilience
9. Self-Awareness

## D. Outline Programme Structure

Full details of each module will be provided in module descriptors and student module guides.

MSc Financial Technology

| Level 7 | | | | | | | |
|---|---|---|---|---|---|---|---|
| **MSc Financial Technology** | | | | | | | |
| **Core modules** | **Module code** | **Credit Value** | **Level** | **Teaching Block** | **Pre-requisites** | **Full Time** | **Part Time** |
| Big Data and Analytics in Finance | BB7041 | 15 | 7 | 2 | | 4 | 4 |
| Blockchain FinTech Applications | BB7030 | 15 | 7 | 1 | | 4 | 4 |
| Finance, Regulation and Ethics | BA7040 | 30 | 7 | 1 and 2 | | 4 | 4 |
| FinTech, Funding and Strategy | BA7041 | 30 | 7 | 1 and 2 | | 4 | 4 |
| Machine Learning and FinTech Applications | BB7031 | 15 | 7 | 2 | | 4 | 4 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Programming and Data in Finance | BB7040 | 15 | 7 | 1 | | 4 | 4 |
| **Optional Modules** | | | | | | | |
| Consultancy Project | BB7033 | 60 | 7 | 3 | | 4 | 4 |
| Dissertation and Research Methods | BB7023 | 60 | 7 | 3 | | 4 | 4 |
| Professional Placement | BA7777 | 120 | 7 | Year long | | 1 | 2 |

Exit Awards at Level 7

Students exiting the programme with 60 level 7 credits are eligible for the award of PgCert in Financial Technology
Students exiting the programme with 120 level 7 credits are eligible for the award of PgDip in Financial Technology

MSc Financial Technology with professional placement

## E. Teaching, Learning and Assessment

This course uses a range of teaching and assessment methods which have been designed to support students' learning and achievement of the learning outcomes. The course has been developed with reference to the Kingston University Academic Framework which sets-out core principles relating to Course and Credit Structure (including Module delivery Structure and Pattern, and Learning Hours and Learning Formats); Curriculum Design (inclusion Learning Design Principles and Inclusive Curriculum); and Future Skills.

Teaching and Learning on the course consist of Scheduled Learning and Teaching and Guided Independent Study (self-managed time). Scheduled Learning and Teaching includes the following, and the format for each module is set out in the module specification:
- Laboratory Sessions
- Lectures
- Seminars
- Tutorials
- Workshops
- Placements

Guidance for students on the use of independent study time is communicated through the 'Succeed in your module' section on the Canvas Virtual Learning Environment and through other communications during the course.

In addition to the core Scheduled Learning and Teaching activities for the course, the University may offer students additional optional opportunities for learning. Examples of these include Study abroad and Work-based learning.

The course will provide students with the opportunity to develop their knowledge and skills relating to at least two United Nations Sustainable Development Goals (UN SDGs). We are committed to empowering students with the knowledge, skills and opportunities to understand and address the UN SDGs: each course is thus also required to prepare students for at least two of the SDGs (not including Quality Education, which all courses must deliver).

## F. Support for Students and their Learning

Students are supported through a range of services that provide academic and wider support. These include:
- A Module Leader for each module
- A Course Leader to help students understand the course structure
- Personal Tutors to provide academic and personal support
- Technical support to advise students on IT and the use of software
- Student Voice Committee – to ensure the views of students are heard
- Canvas – Kingston University's Virtual Learning Environment
- Student support facilities that can provide advice on issues such as finance, regulations, legal matters, accommodation, international student support
- Disabled student support
- The Kingston Students' Union
- Student Development and Graduate Success

## G. Ensuring and Enhancing the Quality of the Course

The University has policies and procedures for evaluating and improving the quality and standards of its provision. These include:
- Continuous Monitoring of courses through the Kingston Course Enhancement Programme (KCEP)
- Student evaluation including Module Evaluation Questionnaires (MEQs), the National Student Survey (NSS)
- Internal and external moderation of graded assignments

## H. External Reference Points

External reference points which have informed the design of the course. These include:
- PSRB standards
- QAA Subject benchmarks
- Other subject or industry standards

## I. Development of Course Learning Outcomes in Modules

This table maps where programme learning outcomes are **summatively** assessed across the **core** modules for this course. It provides an aid to academic staff in understanding how individual modules contribute to the course aims, a means to help students monitor their own learning, personal and professional development as the course progresses and a checklist for quality assurance purposes.

| Module Code | | Level 7 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | BA7040 | BA7041 | BB7030 | BB7031 | BB7023 | BB7033 | BB7040 | BB7041 | BA7777 |
| Knowledge & Understanding | A1 | | S | | | S | S | | | |
| | A2 | S | | | | | | | | |
| | A3 | | | | | | | S | S | |
| | A4 | S | | | | | | | | |
| | A5 | | | S | S | | | | | |
| Intellectual Skills | B1 | | | | | S | S | S | S | |
| | B2 | | S | | | | | | | |
| | B3 | | | | | S | S | | | |
| | B4 | | S | | | S | S | | | |
| Practical Skills | C1 | | | S | S | | | | | |
| | C2 | S | | | | S | S | S | S | |
| | C3 | | | | | S | S | | | |

**Students will be provided with formative assessment opportunities throughout the course to practise and develop their proficiency in the range of assessment methods utilised.**

# Additional Information