

# STRATHCLYDE BUSINESS SCHOOL

## DEPARTMENT OF ACCOUNTING AND FINANCE

### FINANCIAL TECHNOLOGY (FINTECH)

Master of Science in Financial Technology (FinTech)  
Postgraduate Diploma in Financial Technology (FinTech)  
Postgraduate Certificate in Financial Technology (FinTech)

*These regulations are to be read in conjunction with the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).*

#### Admission

1. Notwithstanding [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) applicants shall possess:
  - i. a first or second class Honours degree of a United Kingdom University, in a relevant area (Finance, Accounting, Economics, Business Studies, Mathematics, Statistics or Computing); or
  - ii. a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to i. above.
2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

#### Duration of Study

3. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

#### Mode of Study

4. The programmes are available by full-time study.

#### Curriculum

5. All students shall undertake an approved curriculum as follows:
  - i. for the Postgraduate Certificate no fewer than 60 credits
  - ii. for the Postgraduate Diploma no fewer than 120 credits
  - iii. for the Degree of MSc no fewer than 180 credits including a dissertation

#### Compulsory Modules

Module Code	Module Title	Level	Credits
AG910	Principles of Finance	5	20
AG919	Risk Management for Banks	5	10
AG945	Fintech Innovations, Applications and Considerations	5	10
MS922	Quantitative Business Analysis	5	10
AG947	Sustainable Finance and Technology	5	10

MS928	Business Information Systems	5	10
MS815	Programming for Financial Technology	5	10
MS994	Becoming an Effective Technology Analyst	5	20
CS989	Big Data Fundamentals	5	10

### **Optional Modules**

No fewer than 10 credits chosen from:

<b>Module Code</b>	<b>Module Title</b>	<b>Level</b>	<b>Credits</b>
CS983	Evolutionary Computation for Finance 1	5	10
CS988	Big Data Tools and Techniques	5	10
CS986	Fundamentals of Machine Learning for Data Analytics	5	10

No fewer than 10 credits chosen from:

<b>Module Code</b>	<b>Module Title</b>	<b>Level</b>	<b>Credits</b>
MS986	Stochastic Modelling for Analytics	5	10
MS926	Business Simulation Modelling	5	10
MS927	Risk Analysis and Management	5	10

No fewer than 10 credits chosen from:

<b>Module Code</b>	<b>Module Title</b>	<b>Level</b>	<b>Credits</b>
AG924	Portfolio Theory and Management	5	10
AG929	Derivatives	5	10
AG937	Fixed Income Analysis	5	10

Not all optional modules on this list will be available in each academic year.

**Students for the degree of MSc only:**

<b>Module Code</b>	<b>Module Title</b>	<b>Level</b>	<b>Credits</b>
AG940	Finance Project	5	20

MS996	Management Science Project	5	20
Or (in exceptional circumstances and at the Programme Leader's discretion)			
AG932	Dissertation	5	40

### Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework, and the dissertation or research projects.

### Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Financial Technology (FinTech), a candidate must have accumulated no fewer than 180 credits, of which 40 must have been awarded in respect of the research projects AG940 & MS996 or in exceptional circumstances the dissertation AG932.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Financial Technology (FinTech), a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate Financial Technology (FinTech), a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.