

## ***Banking and Investment Finance BSc***

### Programme Specification

<b>1. Programme title</b>	BSc (Hons) Banking and Investment Finance
<b>2. Awarding institution</b>	Middlesex University
<b>3a. Teaching institution</b>	Middlesex University Hendon
<b>3b. Language of study</b>	English
<b>4a. Valid intake dates</b>	September
<b>4b. Mode of study</b>	FT/PT/TKSW/THSW
<b>4c. Delivery method</b>	<input checked="" type="checkbox"/> On-campus/Blended <input type="checkbox"/> Distance Education
<b>5. Professional/Statutory/Regulatory body</b>	
<b>6. Apprenticeship Standard</b>	
<b>7. Final qualification(s) available</b>	BSc (Hons) Banking and Investment Finance
<b>8. Academic year effective from</b>	2024-25

#### **9. Criteria for admission to the programme**

Middlesex University general entry requirements apply, including GCSE's (grade 4 to 9) (or equivalent) in mathematics and English language. Applicants whose first language is not English are required to achieve a minimum score of 6.0 in IELTS overall (with a minimum of 5.5 in each component) or an equivalent qualification recognised by Middlesex University.

The equivalence of qualifications from outside UK will be determined according to NARIC guidelines.

Specific programme requirements are 96 UCAS points or equivalent. Applicants not meeting this may be eligible to join at year zero, the foundation year.

We accredit prior experiential learning and welcome mature applicants with suitable life skills and work experience.

## **10. Aims of the programme**

The programme aims to:

- develop confidence to enable students to make the right decisions for their future careers through our award-winning embedded employability support sessions;
- provide opportunities to network with employers and alumni as well as academic resources;
- develop students' knowledge and skills in the areas of banking, finance, financial economics, and financial asset management;
- develop competence in applying quantitative and computational techniques to the practice of wealth management;
- provide students with the ability to test and evaluate finance models using a range of theoretical and empirical methods, data and techniques of analysis;
- develop students' range of core skills including analytical, numerical, technological, communication, collaboration and independent learning skills;
- enhance students' capacity to communicate concepts, arguments and empirical findings effectively;
- equip students with the knowledge and skills necessary for them to pursue a career in financial services, corporate finance, and investment and fund management;
- provide students with the knowledge and skills to proceed to further studies in banking, finance or other related areas.

## **11. Programme outcomes\***

### **A. Knowledge and understanding**

On completion of this programme the successful student will have knowledge and understanding of:

1. relevant quantitative methods and computing techniques needed for banking & finance;
2. fundamentals and principles of finance;
3. key theoretical concepts and practical techniques in Banking and Investment Finance, including financial asset pricing and valuation, monetary policy, wealth management, machine learning, AI and green finance;
4. the role, operations and regulation of financial intermediaries, and global financial markets;
5. the nature, sources and uses of both quantitative and qualitative data and the application of appropriate methods for analysing such data;
6. introductory econometric, mathematical and computational methods, including AI and machine learning, for the estimation, interpretation, and evaluation of results obtained using financial data;
7. key empirical literature in the fields of corporate finance, quantitative finance, and financial economics;
8. ethical conflict and its resolution.

### **Teaching/learning methods**

Students gain knowledge and understanding through guided reading of textbooks, academic journals, computer software, in-class exercises, labs, workshops and seminars.

### **Assessment methods**

Students' knowledge and understanding is assessed by presentations and practical, authentic written assignments.

### **B. Skills**

On completion of this programme the successful student will be able to:

1. articulate, communicate and present quantitative and qualitative information to both specialist and non-specialist audiences using verbal, graphical and statistical means;
2. identify and locate financial and economic data from a range of different sources including electronic databases, citing and referencing of those sources correctly;
3. analyse and interpret financial and economic data at firm, industry and country level;
4. use advanced econometric, statistical and machine learning software to analyse financial and economic data;
5. select and apply appropriate methods and techniques to enable manipulation, treatment and interpretation of relevant data and interpretation of economics relationship;
6. adopt a sustainable and ethical approach to problem-solving by recognising and understanding the interconnectedness of environmental, social, and economic systems;
7. learn independently and in teams and adapt to challenges and opportunities.

### **Teaching/learning methods**

Students learn cognitive skills through reading the required texts and articles; listening, discussing and presenting a series of topics and theories; identifying suitable research articles to support their learning; organising and analysing datasets with appropriate software in labs; applying theory to specific problems and producing a significant piece of work based on their analysis. Practical skills are developed in supervised labs and workshops, online activities and guided research and reflection.

### **Assessment methods**

Students' cognitive skills are assessed by practice based individual and group coursework assignments, oral presentations and in class tests.

## **12. Programme structure (levels, modules, credits and progression requirements)**

### **12.1 Structure of the programme**

The programme is studied over three years full time, three years with two flexible placements (**thin sandwich**) or four years if the option of a 12 month placement is taken in the third year (**thick sandwich**).

The programme is divided into study units called modules that are either 15 or 30 credits. The academic provision of the University is based on credit accumulation. You will accumulate credit points by passing modules in order to gain the award of the University. To gain a BSc (Hons) degree title you must gain 360 credit points (480 if on thick or **thin sandwich**) of which 120 must be at level six, i.e. year 3. You will study modules totalling 120 credits each year.

There are four compulsory modules in the first year. These modules are designed to give a solid grounding in the subject and bring all students to a standard level of competence to pursue further study in the subject.

In the second year you will study three compulsory modules which will enhance your capabilities in areas of Banking and Investment Finance. You will choose one optional module.

At the end of your second year you may opt to take a year's placement before returning to complete your final year of study.

In the final year you will study four compulsory modules designed to advance skills and knowledge appropriate to graduate level. You will choose one optional module.

In the second and third taught years, there is more emphasis on discussion, critical evaluation, reflection and anticipation of likely future developments.

The structures of the different modes are as follows:

### **Without placement - 3 year programme (360 credits)**

Year 1

#### **Term 1**

- MS01622 Quantitative Methods for Economics and Finance (30)
- ECS1014 Financial Markets, Institutions and Banking (30)

#### **Term 2**

- ECS1012 Economic Applications (30)
- ECS1016 Decision Making in Economics (30)

Year 2

#### **Term 1**

- FIN2120 Banking and Investment Finance (30)
- Option (30)

#### **Term 2**

- FIN2150 Securities and Derivatives (30)
- MSO2620 Financial Mathematics (30)

Year 3

#### **Term 1**

- FIN3230 Data Science and Machine Learning in Finance (30)
- FIN3240 Fundamentals of Green Finance (15)
- ACC3145 Ethics and Sustainability (15)

#### **Term 2**

- FIN3250 International Risk Management (30)
- Option (30)

### **With placement (Thick Sandwich) – 4 year programme (480 credits)**

Year 1

#### **Term 1**

- MS01622 Quantitative Methods for Economics and Finance (30)
- ECS1014 Financial Markets, Institutions and Banking (30)

#### **Term 2**

- ECS1012 Economic Applications (30)
- ECS1016 Decision Making in Economics (30)

Year 2

**Term 1**

- FIN2120 Banking and Investment Finance (30)
- Option (30)

**Term 2**

- FIN2150 Securities and Derivatives (30)
- MSO2620 Financial Mathematics (30)

Year 3

MBS3010 Work Placement (90) and MBS3009 Work Placement Portfolio (30)

Year 4

**Term 1**

- FIN3230 Data Science and Machine Learning in Finance (30)
- FIN3240 Fundamentals of Green Finance (15)
- ACC3145 Ethics and Sustainability (15)

**Term 2**

- FIN3250 International Risk Management (30)
- Option (30)

**With two flexible placements - 3 year programme (480 credits)**

Year 1

**Term 1**

- MS01622 Quantitative Methods for Economics and Finance (30)
- ECS1014 Financial Markets, Institutions and Banking (30)

**Term 2**

- ECS1012 Economic Applications (30)
- ECS1016 Decision Making in Economics (30)

MBS2002 Work Experience1 (60)

Year 2

**Term 1**

- FIN2120 Banking and Investment Finance (30)
- Option (30)

**Term 2**

- FIN2150 Securities and Derivatives (30)
- MSO2620 Financial Mathematics (30)

MBS3003 Work Experience 2 (30) and MBS3020 Work Experience Portfolio (30)

Year 3

**Term 1**

- FIN3230 Data Science and Machine Learning in Finance (30)
- FIN3240 Fundamentals of Green Finance (15)

- ACC3145 Ethics and Sustainability (15)

### **Term 2**

- FIN3250 International Risk Management (30)
- Option (30)

### **Options chosen from:**

#### Year 2

- ECS2011 Data Science for Forecasting
- FIN2170 Personal Financial Decision Making

#### Year 3

- ECS3031 Data Science for Policy Evaluation
- FIN3356 Applied Trading and Fintech
- MBS3001 Work Internship
- MKT3027 Business Start-up

### **Part Time**

Part time students study the programme over a maximum of six years, taking between 60 to 90 credits per year. The order of modules will be discussed on an individual basis with the programme leader based on both programme requirements and your individual needs.

## **12.2 Levels and modules**

### Level 4

#### **Compulsory**

Students must take all of the following:

- ECS1012
- ECS1014
- ECS1016
- MSO1622

#### **Optional**

None

### **Progression requirements**

Students must pass 90 credits to progress to level 5.

### Level 5

#### **Compulsory**

Students must take all of the following:

- FIN2120
- FIN2150
- MSO2620

#### **Optional\***

Students must also choose one of the following:

- ECS2011
- FIN2170

## **Progression requirements**

Students must pass 210 credits to progress to level 6.

Level 6

### **Compulsory**

Students must take all of the following:

- ACC3145
- FIN3230
- FIN3240
- FIN3250

### **Optional\***

Students must also choose one of the following:

- ECS3031
- FIN3356
- MBS3001
- MKT3027

## **Progression requirements**

\*Please refer to your programme page on the website re availability of option modules

## **12.3 Non-compensatable modules**

### **Module level/Module code**

All modules are compensatable

## **13. Information about assessment regulations**

This programme will run in line with general University Regulations:

[https://www.mdx.ac.uk/\\_data/assets/pdf\\_file/0034/759256/FINAL-Regulations-2023-24.pdf](https://www.mdx.ac.uk/_data/assets/pdf_file/0034/759256/FINAL-Regulations-2023-24.pdf)

## **14. Placement opportunities, requirements and support (if applicable)**

A 12 month placement is offered at the end of year two (Thick Sandwich mode).

Alternatively, students can opt for 2 smaller placements over the years one and two of the programme including the summers between their years of study (Thin Sandwich mode).

A dedicated Employability Advisor helps in the search for an employer who can provide the student with an appropriate placement. S/he will also provide students with guidance and support in preparation for, as well as during and after the placement.

The placement forms the basis for an assessed report based on the organisation.

At the start of the placement students are allocated an individual supervisor who provides support and advice for the duration of the project.

Students are supported throughout the programme through a series of award winning talks, workshops and engagement with professional bodies and employers.

## **15. Future careers / progression**

The BSc Banking and Investment Finance is designed to allow students whose career choices lie in the financial services sector to develop their analytical skills, acquire a body of knowledge, and be exposed to the frontiers of the subject.

Potential careers span a wide range, including investment banking, corporate banking, financial regulation, investment management, trading in equity, bond and foreign currency markets, corporate treasury management, derivatives and risk management.

MDXWorks will be able to give further support and guidance on future careers.

<https://unihub.mdx.ac.uk/employment>

Additionally, graduates may wish to further enhance their career opportunities and undertake post-graduate education.

## **16. Particular support for learning**

Learning Enhancement Team

Learning Resources

Health and Wellbeing support

Programme Handbook and Module Handbooks

Access to Progression and Support Team

MyLearning

Financial Markets lab

## **17. HECos code(s)**

100107, 100827

## **18. Relevant QAA subject benchmark(s)**

Finance

## **19. Reference points**

QAA, UK Quality Code, Advice and Guidance: Course Design and Development 2018

The Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies 2014

Middlesex University Regulations 2023-24

[2031 Learning Framework](#)

## **20. Other information**

Please note programme specifications provide a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve if s/he takes full advantage of the learning opportunities that are provided. More detailed information about the programme can be found in the rest of your programme handbook and the university regulations.



## 21. Curriculum map for BSc (Hons) Banking and Investment Finance

This section shows the highest level at which programme outcomes are to be achieved by all graduates, and maps programme learning outcomes against the modules in which they are assessed.

### Programme learning outcomes

<b>Knowledge and understanding</b>	
A1	relevant quantitative methods and computing techniques needed for banking & finance
A2	fundamentals and principles of finance
A3	key theoretical concepts and practical techniques in Banking and Investment Finance, including financial asset pricing and valuation, monetary policy, wealth management, machine learning, AI and green finance
A4	the role, operations and regulation of financial intermediaries, and global financial markets
A5	the nature, sources and uses of both quantitative and qualitative data and the application of appropriate methods for analysing such data
A6	introductory econometric, mathematical and computational methods, including AI and machine learning, for the estimation, interpretation, and evaluation of results obtained using financial data
A7	key empirical literature in the fields of corporate finance, quantitative finance, and financial economics
A8	ethical conflict and its resolution
<b>Skills</b>	
B1	articulate, communicate and present quantitative and qualitative information to both specialist and non-specialist audiences using verbal, graphical and statistical means
B2	identify and locate financial and economic data from a range of different sources including electronic databases, citing and referencing of those sources correctly
B3	analyse and interpret financial and economic data at firm, industry and country level;
B4	use advanced econometric, statistical and machine learning software to analyse financial and economic data
B5	select and apply appropriate methods and techniques to enable manipulation, treatment and interpretation of relevant data and interpretation of economics relationship
B6	adopt a sustainable and ethical approach to problem-solving by recognising and understanding the interconnectedness of environmental, social, and economic systems
B7	learn independently and in teams and adapt to challenges and opportunities

Programme outcomes														
A1	A2	A3	A4	A5	A6	A7	A8	B1	B2	B3	B4	B5	B6	B7
Highest level achieved by all graduates														
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

Module Title	Module Code by Level	A1	A2	A3	A4	A5	A6	A7	A8	B1	B2	B3	B4	B5	B6	B7
Economic Applications	ECS1012	x						x		x		x		x	x	x
Financial Markets, Institutions and Banking	ECS1014	x	x	x	x			x	x	x		x		x		x
Decision Making in Economics	ECS1016	x				x	x	x		x				x	x	x
Quantitative Methods for Economics and Finance	MSO1622	x		x		x	x			x	x		x	x		x
Banking and Investment Finance	FIN2120	x	x	x	x			x	x	x		x			x	x
Securities and Derivatives	FIN2150	x		x						x	x	x				x
Financial Mathematics	MSO2620	x		x		x	x			x	x		x	x		x
Ethics and Sustainability	ACC3145		x		x				x						x	
International Risk Management	FIN3250	x	x	x	x			x	x	x	x	x			x	x
Data Science and Machine Learning in Finance	FIN3230	x	x	x	x	x	x			x	x		x	x		x
Fundamentals of Green Finance	FIN3240		x	x				x		x		x	x		x	x