



## Programme Specification (Undergraduate)

FOR ENTRY YEAR: 2021/22

Date created: 19/11/20 Last amended: 10/03/2021

Version no. 1

### 1. Programme title(s) and code(s):

BSc Financial Economics & Econometrics

BSc Financial Economics & Econometrics with a Year Abroad<sup>^</sup>

BSc Financial Economics & Econometrics with a Year in Industry<sup>^</sup>

HE Diploma in Financial Economics & Econometrics\*

HE Certificate in Financial Economics & Econometrics\*

Notes

\* An award marked with an asterisk is only available as an exit award and is not available for students to register onto.

<sup>^</sup> Students may only enter this programme by approved transfer at the end of Year 1

#### a) [HECOS Code](#)

HECOS Code	%
100451	100%

#### b) UCAS Code (where required)

L142

### 2. Awarding body or institution:

University of Leicester

### 3. a) Mode of study

Full-time

#### b) Type of study

Campus-based

### 4. Registration periods:

#### **BSc Financial Economics & Econometrics**

The normal period of registration is 3 years

The maximum period of registration 5 years

#### **BSc Financial Economics & Econometrics with a Year Abroad**

The normal period of registration is 4 years

The maximum period of registration 6 years

#### **BSc Financial Economics & Econometrics with a Year in Industry**

The normal period of registration is 4 years

The maximum period of registration 6 years

## 5. Typical entry requirements

Three A levels normally considered as a minimum. Two AS levels or vocational AS levels will be considered in place of an A level. General Studies and Critical Thinking not accepted.

A/AS Levels: ABB or equivalent including Maths A-Level grade B.

Access to HE course: Pass kite-marked course with a substantial number of level 3 credits at distinction, normally a minimum of 30 with some in Business or Economics. Students should also have A-level Maths Grade B.

European Baccalaureate: Pass with 77% overall including 80% in Maths.

International Baccalaureate: Pass with 30 points and 5 in HL Maths.

Cypriot Apolytirion: 18.5/20 overall including 17 in Maths, plus grade B in 1 A-level with an additional A-level in Maths.

French Baccalaureat: 13/20 overall with 13 in Advanced Maths. Students taking the international option 12/20 overall with 13 in Advanced Maths.

Lithuanian Brandos Atestatas: Pass with grade 8.5 overall, 75% on maths state exam.

Chinese first year degree course: Normally, Pass with an average of 85% with good grades in relevant subjects plus mathematics equivalent to A level grade B.

Year Abroad variant: The condition for admission to the scheme will be an average mark of no less than 55% in year one. Students who meet these conditions will be invited to apply at the beginning of the second year of studies. Students will then be expected to maintain average marks of no less than 55% in their second year.

For the Year Abroad variants, students will not be admitted directly to these programmes but will be able to transfer to the programme on application for a year abroad during the second year of the BA programme under the following conditions:

- Have an overall average of 55 or higher in the first year
- Have an overall average of 55 or higher in the second year
- Must not have any failed modules in order to progress to the year abroad.

*\*If you have mitigating circumstances that affect your results, you may request that your circumstances be taken into consideration.*

For those on the year in industry, see [additional programme specification content for Year in Industry programmes](#)

## 6. Accreditation of Prior Learning

Direct entry into the second year may be possible for those with advanced qualifications strictly comparable with our degree structure.

## 7. Programme aims

The programme aims to:

- Provide a specialist in-depth understanding of the application of mathematics and statistics to economics and finance through progressive training of students with a background in mathematics.
- Prepare students for employment specifically geared towards the finance sector such as finance and accountancy as well as quantitatively orientated careers in financial economics, research and forecasting.

- Develop skills of critical analysis, problem solving, argument and presentation.
- Provide the key skills relevant for further study at a graduate level.
- Develop in students a detailed knowledge of core areas in financial economics at progressively rising levels of analytical and technical complexity.
- Introduce students to techniques of financial economics (such as derivatives pricing, risk management methods and portfolio management).
- Develop in students an ability to use financial software and data sources.
- Provide students who enter the Year Abroad programme the experience of learning in a different cultural environment.
- Provide students who enter the Year in Industry programme with opportunities to obtain relevant work experience and support them in developing a portfolio to demonstrate learning outcomes. Also to enable these students to learn directly about business and the professional application of their studies.

## 8. Reference points used to inform the programme specification

- QAA Benchmarking Statement
- Framework for Higher Education Qualifications (FHEQ)
- UK Quality Code for Higher Education
- [University Learning Strategy](#)
- [University Assessment Strategy](#)
- University of Leicester Periodic Developmental Review Report
- External Examiners' reports (annual)
- United Nations Education for Sustainable Development Goals
- Student Destinations Data

## 9. Programme Outcomes

Unless otherwise stated, programme outcomes apply to all awards specified in 1. Programme title(s).

### a) Discipline specific knowledge and competencies

- i) Mastery of an appropriate body of knowledge

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Demonstrate knowledge of the principles underlying economic, financial and banking analysis and core issues in micro and macroeconomics.	Lectures and seminars and formative feedback particularly on the core modules EC1000, EC1001, EC2045, EC2046, EC2033, EC2022, EC3077 and EC3058.	Demonstrated through the assignments delivered through the core modules identified.
Describe standard mathematical and statistical techniques as well as techniques in econometrics.	Lectures, seminars and formative feedback particularly on modules EC1013, EC1014, EC1011, EC1012, EC 2019, EC2020 and EC3062	Demonstrated through achieving a pass mark in the mid-term tests and then the final exam on the core mathematics and statistics/econometrics modules in year 1, 2 and 3

ii) Understanding and application of key concepts and techniques

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Explain economic models, financial models and models of banking and apply them appropriately.	Lectures, seminars and formative assessments across all modules across the programme.	Through exam performance but also in oral presentations and analyses of problem solving sets.
Employ quantitative economic and financial analysis.	Workshops held in computer labs designed to demonstrate to the 'how' in relation to economic quantitative modeling	Through assessment, in particular EC1012, EC2020, EC2019, EC3062 and the Applied Econometrics Project (EC3064).
Demonstrate the ability to apply economic/financial/mathematical theories and techniques in a work place setting (Year in Industry variant only)* <i>*The extent to which a student will have the opportunity to do this will vary according to the type of placement.</i>	Developing the ability to apply economic/financial/mathematical theories and concepts to real world situations within the work environment (Year in Industry variant only).	Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).

iii) Critical analysis of key issues

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Critically analyse economic and financial arguments and relate them to current issues.	All modules across the programme and as part of on-going professional development but specifically on EC1025 and EC3064	Engagement in debates within lectures and seminars as formative assessment but also in summative assessments in particular the on-going reflective development of the Leicester Award and Leicester Award Gold and the Applied Econometrics Project.

iv) Clear and concise presentation of material

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Produce clear and concise arguments and models on economics, finance and banking.	Years 1, 2 and 3: Lectures, tutorials, seminars, formative & summative feedback.	Assessed through a range of written reports and data analyses problem sets throughout years 1, 2 and 3.
Produce clear and concise quantitative economic/financial analysis and results.	Intensity of the problem solving sets increases over the course of the programme to ensure knowledge is cumulatively developed, retained and operationalized.	Attainment on EC3064 Research in Economics assignment which is an extended independent piece of work.

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Write an extended original research report.	Developed through seminar classes and lectures in preparation for the assignment on EC3064	Attainment on EC3064 Research in Economics assignment which is an extended independent piece of work.

v) Critical appraisal of evidence with appropriate insight

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Critically appraise relevant research on economics, finance and banking.	Years 1, 2 and 3: Lectures, tutorials, seminars, formative & summative feedback.  Workshops and computer labs.  Maths Support Sessions	Attainment in EC3064 Applied Econometrics Project
Critically appraise the results from quantitative economic/financial analysis.	Years 1, 2 and 3: Lectures, tutorials, seminars, formative & summative feedback.  Workshops and computer labs.  Maths Support Sessions	Attainment in EC3064 Applied Econometrics Project

vi) Other discipline specific competencies

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
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## b) Transferable skills

i) Oral communication

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Prepare and present concepts, arguments or analysis orally.	Seminar and assessment support across all years of study.  Content delivered through the engagement strategy including employability skills.	Formative: Contribution to tutorials and seminars.
Produce clear visual aids to accompany an oral presentation.	Leicester Award and Leicester Award Gold provision.  Scaffold approach to the format of assessment.	Summative assessment on EC1025, EC3064
Application of oral communication skills within the work environment and in presentation (Year in Industry variant only).	Developing oral communication skills in the work environment (Year in Industry variant only).	Reflective log and final report/presentation (Year in Industry variant only).

ii) Written communication

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Produce clearly written material with appropriate use of evidence.	Year 1: Induction Programme and Study Skills Support material.  Years 1, 2 and 3: Lectures, tutorials, seminars, formative & summative feedback, module handbooks.	Formative assessment, coursework, exams, Applied Econometrics Project (EC3064).
Application of written communication skills within the work environment and in report writing (Year in Industry variant only).	Developing written communication skills in the work environment (Year in Industry variant only).	Reflective log and final report/presentation (Year in Industry variant only).

iii) Information technology

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Use word processing in the preparation of written work.	Year 1: Induction Programme and Study Skills Support material. Years 1 and 2: Computer classes Year 3: Applied Econometrics Project	Formative: Contribution to computer classes. Summative: written reports and data analysis skills in relation to problem sets.
Use the internet to access appropriate information.	Year 1: Induction Programme and Study Skills Support material. Years 1 and 2: Computer classes Year 3: Applied Econometrics Project	Formative: Contribution to computer classes. Summative: written reports and data analysis skills in relation to problem sets.
Use spreadsheets for data presentation and analysis.	Year 1: Induction Programme and Study Skills Support material. Years 1 and 2: Computer classes Year 3: Applied Econometrics Project	Formative: Contribution to computer classes. Summative: written reports and data analysis skills in relation to problem sets.
Use specialist packages for statistical analysis.	Econometrics modules EC2020, EC2019 and EC3062	Formative: Contribution to computer classes. Summative: written reports and data analysis skills in relation to problem sets.
Application of information technology skills within the work environment and in presentation (Year in Industry variant only).	Developing IT skills in the work environment through project work and student portfolio (Year in Industry variant only).	Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).

iv) Numeracy

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Employ general numerical, mathematical and statistical skills.	Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes, formative & summative feedback.	Formative assessment, coursework, exams, Applied Econometrics Project (EC3064)
Application of numeracy skills within the work environment (Year in Industry variant only).	Developing numeracy skills in the work environment through project work (Year in Industry variant only).	Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).

v) Team working

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Demonstrate basic team working skills.	Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes.	Group-based coursework on EC1025, EC2019, EC3062 and in relation to the reflections as part of the Leicester Award and Leicester Award Gold.
Application of team building skills within the work environment (Year in Industry variant only).	Developing team building skills in the work environment through project work (Year in Industry variant only).	Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).

vi) Problem solving

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Demonstrate problem formulation and solution.	Years 1, 2 and 3: Lectures, tutorials, seminars, formative & summative feedback.  Maths Support Sessions	Formative assessment, coursework, exams and mid-term tests. In particular, problem sets and data analysis assignments are relevant.
Application of problem solving skills within the work environment (Year in Industry variant only).	Developing problem solving skills in the work environment through project work and applying theories and concepts to real world situations (Year in Industry variant only).	Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).

vii) Information handling

<b>Intended Learning Outcomes</b>	<b>Teaching and Learning Methods</b>	<b>How Demonstrated?</b>
Find and use appropriate information from a variety of sources.	Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes, formative & summative feedback.  Developed specifically through the on-line academic misconduct course embedded in EC1000.	Formative assessment, coursework, exams, Applied Econometrics Project.
Application of information handling skills within the work environment (Year in Industry variant only).	Developing data handling in the work environment through project work (Year in Industry variant only).	Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).

viii) Skills for lifelong learning

<b>Intended Learning Outcomes</b>	<b>Teaching and Learning Methods</b>	<b>How Demonstrated?</b>
Collect and apply new ideas and concepts.	Year 1: Induction Programme and Study Skills Support material.  Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes, formative & summative feedback, module handbooks.	Formative assessment, coursework, exams, Applied Econometrics Project assignment.  Ability to hand-in work on time, arrive at exams prepared and anticipating challenge.
Combine new knowledge and techniques with prior understanding.	Year 1: Induction Programme and Study Skills Support material.  Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes, formative & summative feedback, module handbooks.	Formative assessment, coursework, exams, Applied Econometrics Project assignment.  Ability to hand-in work on time, arrive at exams prepared and anticipating challenge.
Demonstrate and produce independent work.	Year 1: Induction Programme and Study Skills Support material.  Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes, formative & summative feedback, module handbooks.	Formative assessment, coursework, exams, Applied Econometrics Project assignment.  Ability to hand-in work on time, arrive at exams prepared and anticipating challenge.
Demonstrate time management skills through adhering to deadlines.	Year 1: Induction Programme and Study Skills Support material.  Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes, formative & summative feedback, module handbooks.	Formative assessment, coursework, exams, Applied Econometrics Project assignment.  Ability to hand-in work on time, arrive at exams prepared and anticipating challenge.

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
Use a variety of sources of knowledge appropriately.	Year 1: Induction Programme and Study Skills Support material. Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes, formative & summative feedback, module handbooks.	Formative assessment, coursework, exams, Applied Econometrics Project assignment. Ability to hand-in work on time, arrive at exams prepared and anticipating challenge.
Demonstrate ability to learn in a different cultural environment (Year Abroad variant only).	Year Abroad variant only: Lectures, seminars, tutorials, feedback while studying in the host institution.	Year Abroad variant only: Exams and coursework in the host institution.
Application of a variety of employability and transferable skills (some outlined already above) within the work environment (Year in Industry variant only).	Developing a variety of employability and transferable skills through responsibilities associated with their work placement (Year in Industry variant only).	Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).
Demonstrate the ability to think reflectively about personal and professional development (Year in Industry variant only).	Developing a variety of employability and transferable skills through responsibilities associated with their work placement (Year in Industry variant only).	Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).
Demonstrate professional behaviour in the work environment (Year in Industry variant only).	Developing a variety of employability and transferable skills through responsibilities associated with their work placement (Year in Industry variant only).	Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).

## 10. Progression points

This programme follows the standard Scheme of Progression set out in [Senate Regulations](#) – see the version of Senate Regulation 5 governing undergraduate programmes relevant to the year of entry.

The following additional progression requirements for this programme have been approved:

### Year Abroad Variant

Students who meet the conditions set out in section 5 will be invited to apply at the beginning of the second year of studies. Students will then be expected to maintain average marks of no less than 55% in their second year.

*\*If you have mitigating circumstances that affect your results, you may request that your circumstances be taken into consideration.*

For those on the year in industry, see [additional programme specification content for Year in Industry programmes](#)

In cases where a student has failed to meet a requirement to progress, he or she will be required to withdraw from the course

## a) Course transfers

n/a

### 11. Criteria for award and classification

This programme follows the standard scheme of undergraduate award and classification set out in [Senate Regulations](#) – see the version of *Senate Regulation 5 governing undergraduate programmes* relevant to the year of entry.

### 12. Special features

- Intended for students who wish to take advantage of their background in mathematics.
- Development of learning and communications skills in groups of various sizes.
- Study of core financial modules in years 2 and 3 with optional choices in the final year of further financial modules such as financial econometrics, financial derivatives and international finance.
- Training in the use of financial and statistics software as well as presentation-orientated communications and information technology.
- Experience in the design and implementation of statistical project work.
- A formal employability skills development programme in year 1
- The option of a four-year ‘with a Year Abroad’ degree programme, with a third year spent studying at an overseas partner University either in a foreign language or in English (see below).
- The option of a four-year ‘with a Year in Industry’ degree programme (see below).

### 13. Indications of programme quality

- University Academic Review
- External examiners reports
- First Destination careers statistics
- Exemptions from Business Economics professional exams with the Chartered Institute of Management Accountants (CIMA)

### 14. External Examiner(s) reports

The details of the External Examiner(s) for this programme and the most recent External Examiners’ reports for this programme can be found at [exampapers@Leicester](mailto:exampapers@Leicester) [log-in required]

## Programme Specification (Undergraduate)

FOR ENTRY YEAR: 2021/22

Date created: 19/11/20 Last amended: 10/03/2021 Version no. 1

### Appendix 1: Programme structure (programme regulations)

The University regularly reviews its programmes and modules to ensure that they reflect the current status of the discipline and offer the best learning experience to students. On occasion, it may be necessary to alter particular aspects of a course or module.

BSc Financial Economics & Econometrics including with a Year Aboard and Year in Industry

**Level 4/Year 1      2021/22**

Credit breakdown

Status	Year long	Semester 1	Semester 2
Core	15 credits	45 credits	45 credits
Optional	n/a	n/a	n/a

120 credits in total

Core modules

Delivery period	Code	Title	Credits
Year long	EC1025	Contemporary Issues in Economics, Finance and Business	15 credits
Sem 1	EC1000	Microeconomics	15 credits
Sem 1	EC1011	Probability & Probability Distributions	15 credits
Sem 1	EC1013	Calculus & Optimisation	15 credits
Sem 2	EC1001	Macroeconomics	15 credits
Sem 2	EC1012	Statistical Inference	15 credits
Sem 2	EC1014	Linear Algebra	15 credits

**Notes**

n/a

**Level 5/Year 2      2022/23**

## Credit breakdown

Status	Year long	Semester 1	Semester 2
Core	n/a	60 credits	45 credits
Optional	n/a	n/a	15 credits

120 credits in total

## Core modules

Delivery period	Code	Title	Credits
Sem 1	EC2020	Econometrics 1	15 credits
Sem 1	EC2033	Principles of Banking	15 credits
Sem 1	EC2045	Intermediate Microeconomics	15 credits
Sem 1	EC2046	Intermediate Microeconomics	15 credits
Sem 2	EC2019	Econometrics 1	15 credits
Sem 2	EC2022	Principles of Finance	15 credits
Sem 2	EC2051	Money and Central Banking	15 credits

**Notes**

n/a

## Option modules

Delivery period	Code	Title	Credits
Semester 2	EC2034	Economics History	15 credits

Delivery period	Code	Title	Credits
Semester 2	EC2050	Firms, Markets and Welfare	15 credits
Semester 2	EC2052	Labour Economics	15 credits
Semester 2	EC2053	Environmental and Resource Economics	15 credits

### Notes

This is an indicative list of option modules and not definitive of what will be available. Option module choice is also subject to availability, timetabling, student number restrictions and, where appropriate, students having taken appropriate pre-requisite modules.

### Level 6/Year Final 2023/24

Credit breakdown

Status	Year long	Semester 1	Semester 2
Core	n/a	45 credits	30 credits
Optional	n/a	15 credits	30 credits

120 credits in total

Core modules

Delivery period	Code	Title	Credits
Sem 1	EC3062	Econometrics 3	15 credits
Sem 1	EC3070	Financial Derivatives	15 credits
Sem 1	EC3077	Investment Management	15 credits
Sem 2	EC3058	Corporate Finance	15 credits
Sem 2	EC3064	Applied Econometrics Project	15 credits

### Notes

n/a

## Option modules

Delivery period	Code	Title	Credits
Semester 1	EC3057	Management Science	15 credits
Semester 1	EC3071	Managerial Economics	15 credits
Semester 1	EC3081	Mathematical Finance	15 credits
Semester 2	EC3067	International Finance	15 credits
Semester 2	EC3076	Accounting	15 credits
Semester 2	EC3082	Economics of Health	15 credits
Semester 2	EC3089	Behavioural Economics	15 credits

### Notes

For Semester 1, choose 1 module

For Semester 2, choose 2 modules

This is an indicative list of option modules and not definitive of what will be available. Option module choice is also subject to availability, timetabling, student number restrictions and, where appropriate, students having taken appropriate pre-requisite modules.

### Updates to the programme

Academic year affected	Module Code(s)	Update
2021/22		

## Appendix 2: Module specifications

See undergraduate [module specification database](#) (Note - modules are organized by year of delivery).





