UNIVERSITY OF LEICESTER

Programme Specification (Undergraduate)

FOR ENTRY YEAR: 2020/21

Date amended:

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

BSc Economics & Econometrics
BSc Economics & Econometrics with a Year Abroad*
BSc Economics & Econometrics with a Year in Industry*

*Students may only enter these degree programmes by transferring after the end of year 1

a) Award Titles

BSc in Economics & Econometrics

BSc in Economics & Econometrics (with a Year Abroad)

BSc in Economics & Econometrics (with a Year in Industry)

* These awards are only available as exit awards, and are not available for students to register onto.

b) HECOS Code

HECOS CODE	%
100450	100%

c) UCAS Code (where required)

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 Economics & Econometrics:

The normal period of registration is three years

The maximum period is five years

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BSc Economics & Econometrics with a Year Abroad /Year in Industry:

The normal period of registration is four years.

The maximum period of registration is six 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.

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 education in the application of mathematics and statistics to core areas of economics through progressive training to students with a background in mathematics.
- Prepare students for employment in a wide range of careers such as government service, business management and financial services, as well as quantitatively orientated careers in economic research, statistical forecasting and econometrics.
- To develop skills of critical analysis, problem solving, argument and presentation.

- To provide the key skills relevant for further study at a graduate level.
- 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:

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
(a) Discipline specific knowledge and competencies		
(i) Mastery of an appropriate body of knowledge		
Demonstrate knowledge of the main ideas, concepts, models and principles in microeconomic and macroeconomic theory. Demonstrate knowledge of the principles of mathematical statistics and their application to economics. Demonstrate knowledge of the application of mathematics to economics.	Years 1, 2 and 3: Lectures, tutorials, seminars, formative & summative feedback.	Formative assessment, coursework, exams, econometrics project

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Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
(ii) Understanding and application of key concepts and techniques		
Demonstrate the ability to manipulate economic, mathematical and statistical equations. Use a range of statistical and econometric software packages designed for the estimation and hypothesis testing of models and theories in economics. Demonstrate the ability to apply economic/financial/mathematical theories and techniques in a work place setting (Year in Industry variant only).* **The extent to which a student will have the opportunity to do this will vary according to the type of placement.*	Years 1, 2 and 3: Lectures, tutorials, seminars, formative & summative feedback. Developing the ability to apply economic/financial/mathematical theories and concepts to real world situations within the work environment (Year in Industry variant only).	Formative assessment, coursework, exams, econometrics project Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).
(iii) Critical analysis of key issues		
Analyse, evaluate and interpret statistical information relating to economics. Describe the strengths and weaknesses of quantitative approaches to economic analysis and research. Critically analyse economic arguments and relate them to contemporary economic issues.	Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes, formative & summative feedback.	Formative assessment, coursework, exams, econometrics project.
(iv) Clear and concise presentation of material		
Clearly arrange and present sets of data relating to economic and statistical concepts. Report a research exercise.	Years 1, 2 and 3: Lectures, tutorials, seminars, formative & summative feedback, computer classes, econometrics project's guidelines	Formative assessment, coursework, exams, econometrics project

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
(v) Critical appraisal of evidence with appropriate insight		
Formulate and test concepts and hypotheses. Critically appraise the results from quantitative economic analysis. Plan, conduct and write a computer-based statistical report either directed or on an area chosen by his/herself.	Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes, formative & summative feedback.	Formative assessment, coursework, exams, econometrics project.
(vi) Other discipline specific competencies		
(b) Transferable skills		
(i) Oral communication		
Oral presentation of economic concepts, arguments and issues and discussion of statistical work. General presentational skills. Application of oral communication skills within the work environment and in presentation (Year in Industry variant only).	Year 1: Induction programme and Study Skills Support material. Years 2 and 3: Training sessions on oral presentation skills Years 1, 2 and 3: Tutorials, seminars. Developing oral communication skills in the work environment (Year in Industry variant only).	Formative: Contribution to tutorials and seminars. Summative: Econometrics project. Reflective log and final report/presentation (Year in Industry variant only).
(ii) Written communication		
Produce clear written, graphical and quantitative expressions of general arguments and specific analysis. Application of written communication skills within the work environment and in report writing (Year in Industry variant only).	Year 1: Induction Programme and Study Skills Support material. Years 1, 2 and 3: Lectures, tutorials, seminars, formative & summative feedback, module handbooks. Developing written communication skills in the work environment (Year in Industry variant only).	Formative assessment, coursework, exams, econometrics project. Reflective log and final report/presentation (Year in Industry variant only).

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
(iii) Information technology		
Demonstrate use of C & IT in word processing, use of the internet, databases, spreadsheets, specialist packages for data collection, problem solving, and presentation of ideas. Demonstrate use of C & IT in processing economic data and in solving economic and statistical problems. Application of information technology skills within the work environment and in presentation (Year in Industry variant only).	Years 1 and 2: Computer classes Year 3: Econometrics project's guidelines. Developing numeracy skills in the work environment through project work (Year in Industry variant only).	Formative: Contribution to computer classes. Summative: Coursework, econometrics project.. Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).
(iv) Numeracy		
Demonstrate numerical, mathematical and statistical skills appropriate outside the field of economics. Application of numeracy skills within the work environment (Year in Industry variant only).	Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes, formative & summative feedback. Developing numeracy skills in the work environment through project work (Year in Industry variant only).	Formative assessment, coursework, exams, econometrics project. Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).
(v) Team working		
Show the ability to work in groups both with and without teaching and direct supervision. Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).	Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes. Developing team building skills in the work environment through project work (Year in Industry variant only).	Group-based coursework Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
(vi) Problem solving		
Demonstrate problem recognition, formulation and solution. Show the ability to recognise problems in unfamiliar settings and apply appropriate methodology. Show an appreciation of the importance of abstraction of essential features of complex systems. Application of problem solving skills within the work environment (Year in Industry variant only).	Years 1, 2 and 3: Lectures, tutorials, seminars, formative & summative feedback. 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).	Formative assessment, coursework, exams, econometrics project. Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).
(vii) Information handling		
Select and apply scientific based methods in the solution of problems. Search for information and evaluate its use in a chosen problem. Application of information handling skills within the work environment (Year in Industry variant only).	Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes, formative & summative feedback. Developing data handling in the work environment through project work (Year in Industry variant only).	Formative assessment, coursework, exams, econometrics project. Reflective log, skills audit, employer feedback and final report/presentation (Year in Industry variant only).

Intended Learning Outcomes	Teaching and Learning Methods	How Demonstrated?
(viii) Skills for lifelong learning		
Demonstrate the capacity to learn in both familiar and unfamiliar situations. Illustrate the ability to absorb and apply new ideas and concepts and the ability to combine them with prior understanding. Show the ability to work in groups and independently. Demonstrate self-organisation, self-motivation and resourcefulness. Show time management skills through the ability to meet deadlines. Demonstrate understanding of the use of various sources of knowledge. Demonstrate ability to learn in a different cultural environment (Year Abroad variant only). Application of a variety of employability and transferable skills (some outlined already above) within the work environment (Year in Industry variant only). Demonstrate the ability to think reflectively about personal and professional development (Year in Industry variant only). Demonstrate professional behaviour in the work environment (Year in Industry variant only).	Year 1: Induction Programme and Study Skills Support material. Years 1, 2 and 3: Lectures, tutorials, seminars, computer classes, formative & summative feedback, module handbooks. Year Abroad variant only: Lectures, seminars, tutorials, feedback while studying in the host institution. Developing a variety of employability and transferable skills through responsibilities associated with their work placement (Year in Industry variant only).	Formative assessment, coursework, exams, econometrics project. Year Abroad variant only: Exams and coursework in the host institution. 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 Regulation 5 governing undergraduate programmes.

In order to proceed to the 2nd year of their studies, and subject to having achieved an overall credit weighted average of 40%, students (i) should not have failed more than 30 credits during the 1st year of their studies, and (ii) must have passed at least one of Calculus & Optimisation (EC1013) and Linear Algebra (EC1014); at least one of Probability & Probability Distributions (EC2011) and Statistical Inference (EC1012); and at least one of Microeconomics (EC1000) and Macroeconomics (EC1001). As long as these conditions hold, then students may proceed and resit any failed modules.

In order to proceed to the 3rd year of their studies, and subject to having achieved an overall credit weighted average of 40%, students (i) should not have failed more than 30 credits during the 2nd year of their studies, and (ii) must have passed Intermediate Microeconomics (EC2045), Intermediate Macroeconomics (EC2046) and Firms, Markets & Welfare (EC2050). As long as these conditions hold, then students may proceed and resit any failed modules.

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

Year Abroad variant: Students may only enter this degree programme by transferring after the end of their first-year. 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 end of their first year of studies, following the Department's June Exam Board. Students will then be expected to maintain average marks of no less than 60% in the first semester of their second year, and that they do not have any failed modules across the second year as a whole. Progression decisions made at the end of semester one should be treated as 'provisional' (as with assessments) and subject to confirmation by the Exam Board in the summer. This will include exceptional cases too.

Year in Industry variant: Students may only enter this variant by transferring at the end of the first-year. The condition for admission to the scheme will be an average mark of no less than 55% in year one, with no failures. Students who meet these conditions will be invited to apply at the end of their first year of studies, following the Department's June Exam Board.

11. Scheme of Assessment

This programme follows the standard Scheme of Award and Classification set out in Senate Regulation 5 governing undergraduate programmes.

12. Special features:

- Intended for students who wish to take advantage of their background in mathematics.
- Study of core microeconomic and macroeconomic theory and applications at progressively rising levels of analytical and technical complexity
- Development of learning and communications skills in groups of various sizes.
- A wide range of optional modules allows students to bias their training in a chosen direction.
- Training in, and the use of, information technology and computer skills for statistical and econometric analysis as well as written and oral presentation skills.
- 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 professional exams (subject to satisfactory completion of certain core or optional modules):
- Association of Chartered Certified Accountants (ACCA)
- Chartered Institute of Management Accountants (CIMA)
- Institute of Chartered Accountants
- Chartered Institute of Public Finance & Accountancy (CIPFA)
- Institute of Actuaries
- Chartered Insurance Institute

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 [log-in required]

Appendix 1: Programme structure (programme regulations)

PROGRAMME FOR STUDENTS ENTERING YEAR 1 IN SEPTEMBER 2021

FIRST YEAR MODULES (All modules are core)

YEAR-LONG MODULE

		Credits
EC1025	CONTEMPORARY ISSUES IN ECONOMICS, FINANCE AND BUSINESS	30

SEMESTER 1

		Credits
EC1000	MICROECONOMICS	15
EC1013	CALCULUS AND OPTIMISATION	15
EC1011	PROBABILITY AND PROBABILITY DISTRIBUTIONS	15

SEMESTER 2

		Credits
EC1001	MACROECONOMICS	15
EC1014	LINEAR ALGEBRA	15
EC1012	STATISTICAL INFERENCE	15
	Year Total	**120**

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SECOND YEAR MODULES

SEMESTER 1

Core Modules			**Credits**
EC2045	INTERMEDIATE MICROECONOMICS		15
EC2046	INTERMEDIATE MACROECONOMICS		15
EC2020	ECONOMETRICS 1		15
EC2043	GAME THEORY		15
		Semester Total	**60**

SEMESTER 2

Core Modules			**Credits**
EC2019	ECONOMETRICS 2		15
EC2050	FIRMS, MARKETS AND WELFARE		15

and two modules chosen from below

EC2051	MONEY AND CENTRAL BANKING		15
EC2034	ECONOMIC HISTORY		15
EC2052	LABOUR ECONOMICS		15
EC2053	ENVIRONMENTAL AND RESOURCE ECONOMICS		15
		Semester Total	**60**

THIRD YEAR MODULES

SEMESTER 1

Core Modules			**Credits**
EC3000	ADVANCED MICROECONOMICS		15
EC3001	ADVANCED MACROECONOMICS		15
EC3062	ECONOMETRICS 3		15

and one module chosen from below			**Credits**
EC3023	INDUSTRIAL ECONOMICS		15
EC3071	MANAGERIAL ECONOMICS		15
EC3061	DEVELOPMENT ECONOMICS		15
EC3066	INTERNATIONAL TRADE		15
		Semester Total	**60**

SEMESTER 2

Core Modules		**Credits**
EC3064	APPLIED ECONOMETRICS PROJECT	15

and three modules chosen from below (modules with (*) cannot be chosen together)

		Credits
EC3067	INTERNATIONAL FINANCE	15
EC3089	BEHAVIOURAL ECONOMICS	15
EC3080	PUBLIC ECONOMICS	15
EC3082	ECONOMICS OF HEALTH (*)	15
EC3044	ECONOMICS OF EDUCATION (*)	15
	Semester Total	**60**

BSc Economics & Econometrics with a Year Abroad

Students may only enter this course by meeting the criteria outlined above in section 10.

FIRST AND SECOND YEAR MODULES

As for the first and second year of BSc Economics & Econometrics.

THIRD YEAR MODULES

1) Students will spend one academic year studying at one of our overseas partner Institutions between the second and final years of their degree programme.
2) During their placement students are expected to undertake modules worth the equivalent of 120 credits at the University of Leicester. For European Institutions this is normally equal to at least 40 ECTS credits, and for Universities elsewhere in the world this is normally equivalent to eight academic modules.
3) Modules selected during the year abroad must be approved by the Department of Economics and must be in subject areas relevant to a students' degree programme. The selected modules cannot be identical to those that have already been studied, or will be studied upon returning to Leicester for the final year.
4) Students who do not satisfactorily complete their year studying abroad will be transferred to the non-Year Abroad degree path for their final year.
5) Students will have up until the end of the second week of the first term of their third year to transfer to the non-Year Abroad degree voluntarily. After this point students who are not able to complete their year abroad will re-join the non-Year Abroad degree in the following year.

FOURTH YEAR MODULES

As for the third year of BSc Economics & Econometrics.

BSc Economics & Econometrics with a Year in Industry

Students may only enter this course by meeting the criteria outlined above in section 10.

FIRST AND SECOND YEAR MODULES

As for the first and second year of BSc Economics & Econometrics.

THIRD YEAR MODULES

1) Students will work within a sponsoring company for a minimum of 9 months between 1 July of the second year of their course and the start of the following academic year.
2) During their placement students will undertake a programme of training and practical experience which will be agreed by the sponsoring company and the University.
3) During the placement students' progress will be monitored through a variety of activities including the maintenance of a regular log. Students will complete a report and will be expected to make a presentation towards the end of their placement. The report and presentation are requirements for the awarding of the degree but are not part of the formal assessment for the degree.
4) Students who do not satisfactorily complete their industrial placement year will be transferred to the non-Industry degree path.
5) Students will have up until the end of the second week of the first term to transfer to the non-Industry degree voluntarily. After this point students who are not able to complete their year in industry will re-join the non-Industry degree in the following year.

FOURTH YEAR MODULES

As for the third year of BSc Economics & Econometrics.

Appendix 2: Module specifications

See module specification database http://www.le.ac.uk/sas/courses/documentation

Appendix 3: Skills matrix

Programme Specification Appendix 3

Skills Matrix: BSc Economics & Econometrics

Date amended: 11/03/2019

Programme Learning Outcomes	EC1000	EC1001	EC1011	EC1012	EC1013	EC1014	EC1025	EC2045	EC2046	EC2050	EC2051	EC2034	EC2043	EC2019	EC2020	EC2052	EC2053	Year Abroad	Year in Industry	EC3000	EC3001	EC3023	EC3044	EC3061	EC3062	EC3064	EC3066	EC3067	EC3071	EC3080	EC3082	EC3089
(a) Discipline specific knowledge and competencies																																
(vi) Other discipline specific competencies																																
(b) Transferable skills																																
(i) Oral communication																																
Oral presentation of economic/financial concepts, arguments and issues and discussion of statistical work	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
General presentational skills																										x						
Application of oral communication skills within a workplace environment and in presentations (Year in Industry variant only)																			x													
(ii) Written communication																																
Produce clear written, graphical and quantitative expressions of general arguments and specific analysis	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Application of written communication skills within a workplace environment and in report writing (Year in Industry variant only)																			x													
(iii) Information technology																																
Demonstrate use of C & IT in word processing, use of the internet, databases, spreadsheets, specialist packages for data collection, problem solving, and presentation of ideas	x	x		x			x	x	x	x	x	x		x	x	x	x			x	x		x	x	x	x	x	x	x	x	
Demonstrate use of C & IT in processing economic data and in solving economic/financial and statistical problems	x	x					x							x	x					x	x		x	x	x	x	x	x	x	x	
Application of information technology skills within a workplace environment and in presentation (Year in Industry variant only)																			x													
(iv) Numeracy																																
Demonstrate numerical, mathematical and statistical skills appropriate outside the field of economics	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x		x	x	x	x	x	x	x	x	x
Application of numeracy skills within a workplace environment (Year in Industry variant only)																			x													
(v) Team working																																
Show the ability to work in groups both with and without teaching and direct supervision							x							x					x		x				x							
Application of team building skills within a workplace environment (Year in Industry variant only)																			x													
(vi) Problem solving																																
Demonstrate problem recognition, formulation and solution	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x
Show the ability to recognise problems in unfamiliar settings and apply appropriate methodology	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x	x	x
Show an appreciation of the importance of abstraction of essential features of complex systems	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	x	x		x	x	x	x	x	x	x	x	x
Application of problem solving skills within a workplace environment (Year in Industry variant only)																			x													
(vii) Information handling																																
Select and apply scientific based methods in the solution of problems	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x
Search for information and evaluate its use in a chosen problem	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x
Application of information handling skills within a workplace environment (Year in Industry variant only)																			x													
(viii) Skills for lifelong learning																																
Demonstrate the capacity to learn in both familiar and unfamiliar situations	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x
Illustrate the ability to absorb and apply new ideas and concepts and the ability to combine them with prior understanding	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x
Show the ability to work in groups and independently	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x
Demonstrate self-organisation, self-motivation and resourcefulness	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x
Show time management skills through the ability to meet deadlines	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x
Demonstrate understanding of the use of various sources of knowledge	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x
Demonstrate ability to learn in a different cultural environment (Year Abroad variant only)																		x														
Application of a variety of employability and transferable skills (some outlined already above) within a workplace environment (Year in Industry variant only)																			x													
Demonstrate the ability to think reflectively about personal and professional development (Year in Industry variant only)																			x													
Demonstrate professional behaviour in a workplace environment (Year in Industry Variant only)																			x													