

EC346-15 Research Methods in Economics

24/25

Department

Economics

Level

Undergraduate Level 3

Module leader

Neil Lloyd

Credit value

15

Module duration

10 weeks

Assessment

Multiple

Study location

University of Warwick main campus, Coventry

Description

Introductory description

This is a final year research project which requires students to apply their knowledge of economics to a chosen area.

Module aims

The module provides an opportunity to deepen and consolidate previous knowledge by applying many concepts within economics to consider research into a topic of the student's own choice. Through this module students are offered an opportunity to learn how economists do research, by carrying out either a critical evaluation of the literature in a chosen area, or by a replication of an empirical study. In undertaking this work, students will be expected to use a combination of economic analysis and statistical techniques. Students are expected to attend lectures on research methodology, formulate an initial proposal and work on their chosen topic under the supervision of a member of academic staff who will provide support and guidance to the student.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be

covered. Actual sessions held may differ.

The module will typically cover the following topics: research methods; guidance on choosing a topic, developing a research question, searching the literature, guide to economic data sources, overview of useful techniques for applied economic analysis.

Learning outcomes

By the end of the module, students should be able to:

- Subject knowledge and understanding: (i) understand how economists approach questions, in particular, how they construct hypotheses and use data to discriminate between alternate explanations for events or patterns.
- Independent research skills: students will develop organisation and time management skills required to produce their own research analysis
- Written communication skills: students will develop skills in writing on a specialised economics subject, clearly communicating technical economics material succinctly
- Oral communication skills: students will have an opportunity to present their research to a tutor and other students

Indicative reading list

Please see Talis Aspire link for most up to date list.

[View reading list on Talis Aspire](#)

Subject specific skills

(i) Apply critical analysis to a topic, formulate concepts and hypotheses, and show how they are tested in relevant literature.

Transferable skills

Communicate their knowledge and understanding to others

(ii) gain skills in the use of computer software including statistical and/or mathematical modelling software;

(iii) describe data and present it in a meaningful manner.

(iv) conduct individual research and investigate topics under their own initiative;

(v) present their research to an audience;

(vi) present their research conclusions in a written form.

Study

Study time

Type	Required
Lectures	6 sessions of 1 hour (4%)
Project supervision	8 sessions of 1 hour (5%)
Practical classes	4 sessions of 1 hour (3%)
Private study	132 hours (88%)
Total	150 hours

Private study description

Due to the nature of this module, a significant amount of private study is required in order to prepare the Proposal and Written Report.

Costs

No further costs have been identified for this module.

Assessment

You do not need to pass all assessment components to pass the module.

Assessment group A1

	Weighting	Study time
300 Word Extract	10%	
Presentation 1	20%	
Each student will have a 10 minute presentation, with 6 slides		
Assignment 2 (Written Report)	70%	
2500 word assignment		

Assessment group R1

	Weighting	Study time
Assignment 2 (Written Report)	100%	
2500 word assignment		

Feedback on assessment

The Department of Economics is committed to providing high quality and timely feedback to students on their assessed work, to enable them to review and continuously improve their work. We are dedicated to ensuring feedback is returned to students within 20 University working days of their assessment deadline. Feedback for assignments is returned either on a standardised

assessment feedback cover sheet which gives information both by tick boxes and by free comments or via free text comments on tabula, together with the annotated assignment. For tests and problem sets, students receive solutions as an important form of feedback and their marked assignment, with a breakdown of marks and comments by question and sub-question. Students are informed how to access their feedback, either by collecting from the Undergraduate Office or via tabula. Module leaders often provide generic feedback for the cohort outlining what was done well, less well, and what was expected on the assignment and any other common themes. This feedback also includes a cumulative distribution function with summary statistics so students can review their performance in relation to the cohort. This feedback is in addition to the individual-specific feedback on assessment performance.

Availability

Pre-requisites

EC201-30 Macroeconomics 2 AND EC202-30 Microeconomics 2 AND EC226-30 Econometrics 1
OR
EC204-30 Economics 2 AND EC203-30 Applied Econometrics OR
EC204-30 Economics 2 AND EC226-30 Econometrics 1

To take this module, you must have passed:

- All of
 - Any of
 - [EC204-30 Economics 2](#)
 - [EC226-30 Econometrics 1](#)
 - All of
 - [EC201-30 Macroeconomics 2](#)
 - [EC202-30 Microeconomics 2](#)
 - [EC226-30 Econometrics 1](#)
 - All of
 - [EC204-30 Economics 2](#)
 - [EC203-30 Applied Econometrics](#)

Anti-requisite modules

If you take this module, you cannot also take:

- EC331-30 Research in Applied Economics

Courses

This module is Core for:

- UECA-3 Undergraduate Economics 3 Year Variants

- Year 3 of L100 Economics
- Year 3 of L100 Economics
- Year 3 of L100 Economics
- Year 4 of UECA-4 Undergraduate Economics 4 Year Variants
- Year 3 of ULNA-R9LA Undergraduate Modern Languages and Economics (3-year)
- Year 4 of ULNA-R9L1 Undergraduate Modern Languages and Economics (4-year)

This module is Core optional for:

- UECA-3 Undergraduate Economics 3 Year Variants
 - Year 3 of L100 Economics
 - Year 3 of L100 Economics
 - Year 3 of L100 Economics
 - Year 3 of L116 Economics and Industrial Organization
 - Year 3 of L116 Economics and Industrial Organization
- Year 4 of UECA-4 Undergraduate Economics 4 Year Variants

This module is Optional for:

- UECA-3 Undergraduate Economics 3 Year Variants
 - Year 3 of L100 Economics
 - Year 3 of L100 Economics
 - Year 3 of L100 Economics
- Year 4 of UECA-4 Undergraduate Economics 4 Year Variants
- UPHA-L1CA Undergraduate Economics, Psychology and Philosophy
 - Year 3 of L1CA Economics, Psychology and Philosophy
 - Year 3 of L1CC Economics, Psychology and Philosophy (Behavioural Economics Pathway)
 - Year 3 of L1CD Economics, Psychology and Philosophy (Economics with Philosophy Pathway)
 - Year 3 of L1CE Economics, Psychology and Philosophy (Philosophy and Psychology Pathway)
- UPHA-L1CB Undergraduate Economics, Psychology and Philosophy (with Intercalated Year)
 - Year 4 of L1CG Economics, Psychology and Philosophy (Behavioural Economics Pathway) (with Intercalated Year)
 - Year 4 of L1CH Economics, Psychology and Philosophy (Economics with Philosophy Pathway) (with Intercalated Year)
 - Year 4 of L1CJ Economics, Psychology and Philosophy (Philosophy and Psychology Pathway) (with Intercalated Year)
 - Year 4 of L1CB Economics, Psychology and Philosophy (with Intercalated Year)
 - Year 4 of L1CB Economics, Psychology and Philosophy (with Intercalated Year)
- UPHA-V7ML Undergraduate Philosophy, Politics and Economics
 - Year 3 of V7ML Philosophy, Politics and Economics (Tripartite)
 - Year 3 of V7ML Philosophy, Politics and Economics (Tripartite)
 - Year 3 of V7ML Philosophy, Politics and Economics (Tripartite)

This module is Unusual option for:

- Year 3 of UPHA-L1CA Undergraduate Economics, Psychology and Philosophy
- UPHA-V7ML Undergraduate Philosophy, Politics and Economics
 - Year 3 of V7MR Philosophy, Politics and Economics (Bipartite with Economics Major)
 - Year 3 of V7MP Philosophy, Politics and Economics (Bipartite)
 - Year 3 of V7MP Philosophy, Politics and Economics (Bipartite)
- UPHA-V7MM Undergraduate Philosophy, Politics and Economics (with Intercalated year)
 - Year 4 of V7MS Philosophy, Politics and Economics (Bipartite with Economics Major) (with Intercalated Year)
 - Year 4 of V7MS Philosophy, Politics and Economics (Bipartite with Economics Major) (with Intercalated Year)
 - Year 4 of V7MQ Philosophy, Politics and Economics (Bipartite) with Intercalated Year
 - Year 4 of V7MM Philosophy, Politics and Economics (Tripartite) (with Intercalated year)

This module is Core option list A for:

- Year 3 of ULNA-R2L5 Undergraduate German and Economics (3 year)
- Year 3 of ULNA-R4LA Undergraduate Hispanic Studies and Economics (3-year)

This module is Core option list B for:

- Year 3 of ULNA-R4LA Undergraduate Hispanic Studies and Economics (3-year)

This module is Core option list C for:

- Year 4 of ULNA-R1L4 Undergraduate French and Economics (4-year)
- Year 4 of ULNA-R2L4 Undergraduate German and Economics (4-year)
- Year 4 of ULNA-R4L1 Undergraduate Hispanic Studies and Economics (4-year)
- Year 4 of ULNA-R3L4 Undergraduate Italian and Economics (4-year)
- Year 3 of ULNA-R9LA Undergraduate Modern Languages and Economics (3-year)

This module is Core option list E for:

- Year 4 of ULNA-R9L1 Undergraduate Modern Languages and Economics (4-year)

This module is Option list A for:

- Year 3 of ULNA-R1L5 Undergraduate French and Economics (3 year)

This module is Option list C for:

- UPHA-V7ML Undergraduate Philosophy, Politics and Economics
 - Year 3 of V7MP Philosophy, Politics and Economics (Bipartite)
 - Year 3 of V7MP Philosophy, Politics and Economics (Bipartite)
 - Year 3 of V7ML Philosophy, Politics and Economics (Tripartite)
 - Year 3 of V7ML Philosophy, Politics and Economics (Tripartite)
 - Year 3 of V7ML Philosophy, Politics and Economics (Tripartite)
- UPHA-V7MM Undergraduate Philosophy, Politics and Economics (with Intercalated year)
 - Year 4 of V7MS Philosophy, Politics and Economics (Bipartite with Economics Major) (with Intercalated Year)

- Year 4 of V7MS Philosophy, Politics and Economics (Bipartite with Economics Major) (with Intercalated Year)
- Year 4 of V7MQ Philosophy, Politics and Economics (Bipartite) with Intercalated Year
- Year 4 of V7MM Philosophy, Politics and Economics (Tripartite) (with Intercalated year)

This module is Option list D for:

- Year 3 of UPHA-V7ML Undergraduate Philosophy, Politics and Economics