# KentVision Code and title of the module

ECON8840 Microeconometrics

# Division and School/Department or partner institution responsible for the module

Division of Human and Social Sciences, School of Economics

# The level of the module

Level 7

# The number of credits and the ECTS value which the module represents

15 credits (7.5 ECTS)

# Which term(s) the module is to be taught in (or other teaching pattern)

Autumn or Spring

# Delivery of the module

* 1. **Mode of study**

In person

* 1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

# Prerequisite and co-requisite modules and/or any module restrictions

 None

# The course(s) of study to which the module contributes

* 1. **The module is compulsory for the following courses**

None

* 1. **The module is optional for the following courses**

PhD Economics

PhD Agri-environmental Economics

# A synopsis of the curriculum

This module will cover the fundamental methods for analysis of microeconomic data and equip students to keep up with recent developments in their research area. The lectures will introduce and sketch out the material but the deep understanding of the techniques and how they can be implemented will come from the students own work (through reading, problem sets, actual work with data and one on one support from the module convenor). The module will cover a core set of techniques but also be responsive to the specific needs of students. In particular we will try to cover in more depth those topics that students may need for their doctoral research.

This module is formulated to provide students with a rigorous and broad knowledge of econometric methods especially important for conducting empirical research in microeconomics.

# Contact Hours

Private Study: 128 Hours

Contact Hours: 24 Hours

Total: 150 Hours

# Learning and teaching methods

This module will be delivered via lectures and seminars.

# The intended subject specific learning outcomes

On successfully completing the module students will be able to:

12.1 Read intelligently all empirical research (with a proper understanding of the underlying methodology of inference and identification strategy), and

12.2 Conduct empirical research suitable for publication in any economics or econometrics journal

12.3 Learn and understand new techniques not covered in the course with a view to implementing them in their own research

12.4 Apply econometrics methods to micro data

12.5 Understand and explain their identification strategy in new circumstances

12.6 Handle real data with confidence

12.7 Understand the conditions under which particular estimators are appropriate

# The intended generic learning outcomes

On successfully completing the module students will be able to:

13.1 Locate, extract, and critically analyse data from different sources, to be presented in an appropriate format.

13.2 Address complex problems and analyse the extracted data with advanced quantitative methods

13.3 Think critically and analytically in order to address complex problems with policy relevance

# Assessment Strategy

* 1. **Main assessment methods**

Journal Paper Replication Report (5,000 words) (50%)

Presentation (20 minutes) (50%)

* 1. **How the assessment methods outlined above fit with the course assessment strategy?**

The Journal Paper Replication Report will assess whether the student is able to understand and replicate the results in a paper and demonstrate in written form that they have thoroughly understood the methodology and the material thought in the course. The Presentation will further assess and assure that the learning outcomes have been achieved and that the student has developed their full potential. This is going to best prepare the students for the empirical part of their PhD thesis.

* 1. **Reassessment methods**

100% coursework

# Mapping of Learning Outcomes

Map of module learning outcomes (sections 12 & 13) to learning and teaching methods (section 11) and methods of assessment (section 14).

* 1. **Module learning outcomes against learning and teaching methods**

| **Module learning outcome** | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 13.1 | 13.2 | 13.3 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Private Study | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| Lectures |  |  | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| Tutorials/Workshops |  | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |

* 1. **Module learning outcomes against assessment methods**

| **Module learning outcome** | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 13.1 | 13.2 | 13.3 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Report | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |
| Presentation  | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** | **X** |

# Reading list

The University is committed to ensuring that core reading materials are in accessible electronic format in line with the Kent Inclusive Practices.

The most up to date reading list for each module can be found on the university's [reading list pages](https://kent.rl.talis.com/index.html).

# Inclusive module design

The Division recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

**MODULE RECORD**

**All revisions for this module are recorded in the table below for student and staff information.**

| **Date approved** | **New/ Material/ Major/ Minor revision** | **Start date of delivery of this version** | **Sections revised (if applicable)** | **Applies to new cohorts and/ or existing students**  |
| --- | --- | --- | --- | --- |
| 13.11.22  | Minor | September 2023 | 13,14 |  |
| 18.08.23 | Major | September 23 | 13.15.2. pass-comp element removed | Existing |
|  |  |  |  |  |