1. **Title of the module**

ECON8840 – (EC884) Microeconometrics

1. **School or partner institution which will be responsible for management of the module**

School of Economics

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 7

1. **The number of credits and the ECTS value which the module represents**

15 Credits (7.5 ECTS)

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

Spring

1. **Prerequisite and co-requisite modules**

None

1. **The programmes of study to which the module contributes**

It is an optional module for students of the Ph.D. in Economics and PhD Agri-environmental economics.

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**
   1. Read intelligently all empirical research (with a proper understanding of the underlying methodology of inference and identification strategy), and
   2. Conduct empirical research suitable for publication in any economics or econometrics journal.
   3. Learn and understand new techniques not covered in the course with a view to implementing them in their own research
   4. Apply econometrics methods to micro data,
   5. Understand and explain their identification strategy in new circumstances
   6. Handle real data with confidence
   7. Understand the conditions under which particular estimators are appropriate
2. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**
   1. self-manage
   2. work with data
   3. address problems with quantitative analysis
   4. think critically and analytically
   5. use IT and specialised software
3. **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.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

For each lecture there is a list of chapters and papers to read before the lecture. Core reading will be:

* Cameron, A.C., and P.K. Trivedi, Microeconometrics, Methods and Applications, Cambridge, 2005
* Wooldridge, J.M., Econometric Analysis of Cross Sectional Panel Data, MIT Press, 2001
* A. C. Cameron and P. K. Trivedi: Microeconometrics Using Stata. College Station, TX: Stata Press, 2008.

1. **Learning and teaching methods**

*Total contact hours: 24*

*Private study hours: 128*

*Total study hours: 150*

1. **Assessment methods**
   1. Main assessment methods

Journal Paper Replication Report (five thousand words) (50%)

Presentation (20 minutes) (50%)

13.2 Reassessment methods

Reassessment Instrument: 100% coursework

1. ***Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)***

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *8.4* | *8.5* | *8.6* | *8.7* | *9.1* | *9.2* | *9.3* | *9.4* | *9.5* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |  |  |  |
| **Private Study** |  |  |  |  |  |  |  |  |  |  |  |  |
| *lectures* |  |  |  |  |  |  |  |  |  |  |  |  |
| *Seminars* |  |  |  |  |  |  |  |  |  |  |  |  |
| *Computer Workshops* |  |  |  |  |  |  |  |  |  |  |  |  |
| *Private Study* |  |  |  |  |  |  |  |  |  |  |  |  |
| **Assessment method** |  |  |  |  |  |  |  |  |  |  |  |  |
| *Report* | **✓** | **✓** | **✓** | **✓** | **✓** | **✓** |  | **✓** | **✓** | **✓** | **✓** | **✓** |
| *Presentation* | **✓** |  |  | **✓** |  |  | **✓** | **✓** |  | **✓** | **✓** |  |

1. **Inclusive module design**

The School 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

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

Canterbury

1. **Internationalisation**

The subject content of the module provides critical insight into applied microeconometrics and its application to diverse real-world situations. Microeconometric topics and economic policy issues are considered in both a national and international context (see module synopsis).

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**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

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| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
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Revised FSO Jan 2018