ECOM30003 Applied Microeconometric Modelling

Credit Points:	12.5
Level:	3 (Undergraduate)
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: Two 1-hour lectures and a 1-hour tutorial/practice class per week Total Time Commitment: An estimated total time commitment of at least 170 hours.
Prerequisites:	One of:

Subject	Study Period Commencement:	Credit Points:
ECOM30001 Basic Econometrics	Semester 1	12.50
ECOM30002 Econometrics	Semester 1	12.50

Corequisites:	None
Recommended Background Knowledge:	Please refer to Prerequisites and Corequisites.
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability
Coordinator:	Dr Victoria Baranov
Contact:	**victoria.baranov@unimelb.edu.au (mailto:victoria.baranov@unimelb.edu.au)**
Subject Overview:	This subject examines estimation and testing of microeconometric models based on cross-sectional and panel data and quantitative and limited dependent variables. Illustrative application topics normally will include labour economics, consumer demand and finance. The computer software used is Stata.
Learning Outcomes:	On successful completion of this subject students should be able to:

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- Synthesise the best practice techniques in empirical modelling when cross-section data sets are used;
- Synthesise the best practice techniques in empirical modelling when panel data sets are used;
- Critically evaluate and employ applied techniques;
- Describe and evaluate econometric theories;
- Complete a semi-independent research project;
- Generate and analyse econometric output using an econometric package such as Stata.

Assessment:	A 2-hour end-of-semester examination (60%), three assignments of no more than 2000 words each due in weeks 5, 9 and 11 (30%) and tutorial attendance, preparation and contributions (10%).
Prescribed Texts:	None
Breadth Options:	This subject potentially can be taken as a breadth subject component for the following courses: # **Bachelor of Arts (https://handbook.unimelb.edu.au/view/2016/B-ARTS)** # **Bachelor of Biomedicine (https://handbook.unimelb.edu.au/view/2016/B-BMED)** # **Bachelor of Environments (https://handbook.unimelb.edu.au/view/2016/B-ENVS)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2016/B-MUS)** # **Bachelor of Science (https://handbook.unimelb.edu.au/view/2016/B-SCI)** # **Bachelor of Engineering (https://handbook.unimelb.edu.au/view/2016/B-ENG)** You should visit **learn more about breadth subjects (http://breadth.unimelb.edu.au/ breadth/info/index.html)** and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	# High level of development: written communication; statistical reasoning; application of theory to practice; interpretation and analysis; critical thinking; synthesis of data and other information; evaluation of data and other information. # Moderate level of development: problem solving; use of computer software; receptiveness to alternative ideas. # Some level of development: oral communication; accessing data and other information from a range of sources.
Related Majors/Minors/ Specialisations:	Economics Master of Economics electives