

316-317 Econometrics

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus.
Time Commitment:	Contact Hours: Two 1-hour lectures and a 1-hour tutorial/practice class per week Total Time Commitment: Not available
Prerequisites:	One of 316-201 Intermediate Macroeconomics (/view/2009/316-201) or 316-202 Intermediate Microeconomics (/view/2009/316-202) or 333-201 Business Finance (/view/2009/333-201) . One of 316-205 Introductory Econometrics (/view/2009/316-205) , 316-316 Basic Econometrics (/view/2009/316-316) , 620-202 Statistics (/view/2009/620-202) , or an H2A or better in 316-206 Quantitative Methods 2 (/view/2009/316-206) .
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>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.</p> <p><p>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</p></p> </p>
Coordinator:	Prof Vance Lindsay Martin
Subject Overview:	Extensions of the multiple regression model are examined. Topics include non-linear least squares, maximum likelihood estimation and related testing procedures, generalised least squares, heteroskedasticity, autocorrelation and models with stochastic regressors. Limited dependent variable and panel data models and issues involving time-series data are introduced. Theoretical concepts are illustrated by applied examples. The computer software used is <i>Eviews</i> .
Objectives:	.
Assessment:	A 2-hour end-of-semester examination (65%), class assignments up to 3200 words in total (32%), and tutorial attendance and participation (3%).
Prescribed Texts:	None
Recommended Texts:	Information Not Available
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2009/D09) # Bachelor of Biomedicine (https://handbook.unimelb.edu.au/view/2009/J07) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2009/A04) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2009/M05) # Bachelor of Science (https://handbook.unimelb.edu.au/view/2009/R01)

	<p># Bachelor of Engineering (https://handbook.unimelb.edu.au/view/2009/355-AA)</p> <p>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.</p>
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p># High level of development: problem solving; statistical reasoning; application of theory to practice; interpretation and analysis; evaluation of data and other information; use of computer software.</p> <p># Moderate level of development: written communication; collaborative learning; team work; critical thinking; synthesis of data and other information.</p> <p># Some level of development: accessing data and other information from a range of sources.</p>
Notes:	Students who are currently enrolled in 316-316 Basic Econometrics (/view/2009/316-316) are not eligible to enrol in 316-317 Econometrics.
Related Course(s):	Master of Economics Postgraduate Diploma In Economics
Related Majors/Minors/Specialisations:	Economics Economics