

ECOM90011 Financial Econometrics

Credit Points:	12.50									
Level:	9 (Graduate/Postgraduate)									
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.									
Time Commitment:	Contact Hours: Three hours of lectures per week. Total Time Commitment: Estimated total time commitment of 120 hours per semester									
Prerequisites:	Entry into the Master of Commerce (Finance) or completion of either of the following subjects: <table border="1" data-bbox="387 573 1485 779"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ECOM40006 Econometric Techniques</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ECOM90013 Econometric Techniques</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	ECOM40006 Econometric Techniques	Semester 1	12.50	ECOM90013 Econometric Techniques	Semester 1	12.50
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ECOM40006 Econometric Techniques	Semester 1	12.50								
ECOM90013 Econometric Techniques	Semester 1	12.50								
Corequisites:	None									
Recommended Background Knowledge:	None									
Non Allowed Subjects:	ECOM40004 Financial Econometrics <table border="1" data-bbox="387 976 1485 1126"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ECOM40004 Financial Econometrics</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	ECOM40004 Financial Econometrics	Semester 2	12.50			
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ECOM40004 Financial Econometrics	Semester 2	12.50								
Core Participation Requirements:	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements for this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/									
Coordinator:	Mr Tomasz Wozniak									
Contact:	Graduate School of Business and Economics Level 4, 198 Berkeley Street Telephone: +61 3 8344 1670 Online Enquiries (https://nexus.unimelb.edu.au/OnlineEnquiryForm.aspx?campaigncode=CMP-01311-VZ8293&cssurl=https://nexus.unimelb.edu.au/cssfiles/gsbe.css&redirecturl=http://www.gsbe.unimelb.edu.au/contactus/nexus/gsbe.html) Web: www.gsbe.unimelb.edu.au (http://www.gsbe.unimelb.edu.au)									
Subject Overview:	The subject presents an econometric treatment of topics in finance. Normally the finance topics will include portfolio theory, capital asset pricing models, arbitrage pricing theory, efficient markets hypothesis, covered interest parity, term structure of interest rates, and option pricing models. The econometrics topics will include unit roots, cointegration, ARCH modelling, structural change, and regime-switching. The computer software used is EViews.									
Objectives:	On successful completion of this subject students should be able to: <ul style="list-style-type: none"> # Describe the properties of econometric techniques (such as unit roots, cointegration, ARCH/GARCH and Kalman filters) used in financial analysis; # Apply econometric techniques to test hypothesis in financial economics (such as the efficient markets hypothesis, the theory of speculative efficiency, the capital asset pricing model); 									

	<ul style="list-style-type: none"> # Evaluate the robustness of results obtained from using econometric techniques on real world financial data; # Analyse results obtained from financial data and explain their implications for economic and financial theory.
Assessment:	2-hour end-of-semester examination (50%) Assignments of up to 5000 words in total (50%)
Prescribed Texts:	You will be advised of prescribed texts by your lecturer.
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p>On successful completion of this subject, students should have improved the following generic skills:</p> <ul style="list-style-type: none"> # Evaluation of ideas, views and evidence # Synthesis of ideas, views and evidence # Critical thinking # Accessing economic and other information # Summary and interpretation of information # Using computer programs # Statistical reasoning # Problem solving skills # Collaborative learning and teamwork # Written communication
Notes:	Students may not gain credit for both ECOM90011 Financial Econometrics and ECOM40004 Financial Econometrics.
Related Course(s):	<p>Doctor of Philosophy - Business and Economics Master of Commerce - Economics Master of Commerce - Finance Master of Economics</p>