ECOM20002 Forecasting in Economics and Business

Credit Points:	12.5
Level:	2 (Undergraduate)
Dates & Locations:	This subject is not offered in 2016.
Time Commitment:	Contact Hours: One 2-hour lecture and a 1-hour tutorial/practice class per week Total Time Commitment: 170 hours
Prerequisites:	One of: **Subject** / **Study Period Commencement:** / **Credit Points:** ECOM20001 Introductory Econometrics — Semester 1, Semester 2 — 12.50 ECON20003 Quantitative Methods 2 — Summer Term, Semester 1, Semester 2 — 12.50 MGMT20005 Business Decision Analysis — Semester 2 — 12.50 MKTG20004 Market and Business Research — Summer Term, 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
Subject Overview:	This subject is an introduction to single equation forecasting methods and their applications to business, finance, economics and marketing. Special emphasis will be given to core forecasting techniques with the widest applicability. Attention will be paid to modelling and forecasting trends and cycles with topics including forecasting regression models, leading indicators, exponential smoothing methods, ARIMA models, pooling forecast procedures and forecast evaluation. The subject is applications-orientated and will make use of the computer software Eviews.
Learning Outcomes:	Information not available.
Assessment:	A 2-hour examination (70%) and class assignments totalling not more than 3000 words (30%).
Prescribed Texts:	You will be advised of prescribed texts by your lecturer.
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: problem solving; statistical reasoning; interpretation and analysis; critical thinking; synthesis of data and other information; evaluation of data and other information; use of computer software; accessing data and other information from a range of sources. # Moderate level of development: oral communication; team work; application of theory to practice; receptiveness to alternative ideas. # Some level of development: written communication; collaborative learning.