

316-206 Quantitative Methods 2

Credit Points:	12.50
Level:	2 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Summer Term, - Taught on campus. Semester 1, - Taught on campus. Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: Semester 1 and 2: Two 1-hour lectures and a 1-hour tutorial per week; Summer Semester: Two 2-hour lectures and two 1-hour tutorials per week for six weeks Total Time Commitment: Not available
Prerequisites:	316-130 Quantitative Methods 1 (/view/2009/316-130) or 620-131 Scientific Programming and Simulation or 620-160 Experimental Design and Data Analysis or 620-159 Data Analysis 1 (/view/2009/620-159) .
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<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>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>
Coordinator:	Assoc Prof David Harris, Assoc Prof Lisa Cameron, Dr Wasana Karunaratne
Subject Overview:	This subject provides students with background mathematical and statistical skills necessary for solving a wide range of commerce problems. It draws heavily on examples from accounting, management and marketing and, to a lesser extent, economics and finance. Topics include: review of statistics; tests of the location of populations; simple and multiple regression for use with time series and cross section data, including interpretation of estimates, hypothesis testing and forecasting, an introduction to diagnostics; Logit models; an introduction to time series methods; and seasonality.
Objectives:	.
Assessment:	A 2-hour end-of-semester examination (70%), assignments not exceeding 20 pages in total (15%), a mid-semester exam (5%), and a mark based on tutorial attendance and participation (10%).
Prescribed Texts:	Prescribed Texts: To be advised.
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/2009/D09) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2009/A04) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2009/M05)

	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:	<ul style="list-style-type: none"> # High level of development: collaborative learning; statistical reasoning; application of theory to practice; interpretation and analysis; synthesis of data and other information; evaluation of data and other information; use of computer software. # Moderate level of development: oral communication; written communication; problem solving; critical thinking; receptiveness to alternative ideas. # Some level of development: team work; accessing data and other information from a range of sources.
Related Course(s):	Bachelor of Agricultural Science/Bachelor of Commerce Bachelor of Agriculture and Bachelor of Commerce Graduate Diploma in Economics
Related Majors/Minors/Specialisations:	Economics Economics Major