

306-328 Business Modelling

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	This subject is not offered in 2009.
Time Commitment:	Contact Hours: One 3-hour seminar per week Total Time Commitment: Not available
Prerequisites:	306-207 Business Reporting Systems (/view/2009/306-207) / 306-207 Enterprise Information Systems (pre-2008) or 306-219 Business Systems Development (/view/2009/306-219) . Information Systems students who have completed at least 175 points may apply to have the prerequisites waived.
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>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>
Subject Overview:	This subject introduces students to the use of decision support systems and intelligent decision aids to solve business problems. In particular, it focuses on the development of business models using <i>Excel</i> and <i>Visual Basic</i> macros; analytic hierarchy process models; and the business application of artificial neural networks and knowledge-based systems.
Objectives:	.
Assessment:	A 3-hour end-of-semester examination (70%) and assignments totalling not more than 3000 words (30%).
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 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) # Bachelor of Engineering (https://handbook.unimelb.edu.au/view/2009/355-AA) 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: oral communication; written communication; collaborative learning; problem solving; application of theory to practice; interpretation and analysis; use of computer software; accessing data and other information from a range of sources.

- # Moderate level of development: team work; critical thinking; synthesis of data and other information; evaluation of data and other information; receptiveness to alternative ideas.
- # Some level of development: statistical reasoning.