

BISY90004 Business Intelligence

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: One 3-hour seminar per week Total Time Commitment: Estimated total time commitment of 120 hours per semester
Prerequisites:	306-490 Business and Information Technology (/view/2010/306-490) or equivalent
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
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:	Dr John Williams
Contact:	Graduate School of Business and Economics Student Centre Level 4, 198 Berkeley Street Telephone: +61 3 8344 1670 Online Enquiries: http://www.gsbe.unimelb.edu.au/future/unity_forms/contact.html (http://www.gsbe.unimelb.edu.au/future/unity_forms/contact.html/) Web: www.melbournegsm.unimelb.edu.au (http://www.gsbe.unimelb.edu.au/)
Subject Overview:	This subject examines the use of information technology for business decision making. In particular, it focuses on business modelling, the business application of artificial neural networks, knowledge-based systems, data mining and OLAP (Online Analytical Processing Systems), all of which have applications in accounting, finance, marketing and business operations.
Objectives:	On successful completion of this subject, students should be able to: <ul style="list-style-type: none"> # Describe the properties and roles of a variety of quantitative and qualitative modelling methods that can assist with making business decisions; # Analyse the nature of problems that involve business decision making and propose solutions in terms of one or more modelling methods; # Assess the merits of a range of business intelligence tools for addressing a business problem; # Synthesise normative models and intelligent decision aids; # Critically appraise the role of analytical models in the context of the wider business organisation.
Assessment:	2-hour end-of-semester examination (60%) Assignments equivalent to not more than 3,000 words (30%) Class participation (10%)
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:	On successful completion of this subject, students should have improved the following generic skills: <ul style="list-style-type: none"># Apply abstract methods to specific business problems# Analysis of information# Problem solving# Oral and written communication# Using computer programs for the purpose of decision making# Synthesising a solution to a problem# Apply aspects of a complex software package to a specific task
Related Course(s):	Master of Applied Commerce (Business Analysis and Systems) Master of Applied Commerce (Business Analysis and Systems) Master of Business and Information Technology Master of Business and Information Technology Master of Management (Business Analysis and Systems) Master of Science (Information Systems)