ISYS30008 Business Analytics

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 36 contact hours Total Time Commitment: Estimated total time commitment of 120 hours
Prerequisites:	.

Subject	Study Period Commencement:	Credit Points:
ISYS20006 Shaping the Enterprise with ICT	Semester 1	12.50

Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and safely participate in laboratory activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit.
Coordinator:	Dr Rajeev Sharma
Contact:	Rajeev Sharma **rajeevs@unimelb.edu.au (mailto:rajeevs@unimelb.edu.au)**
Subject Overview:	Business analytics involves the use of data to support business decision-making. Topics covered include business decision-making, evidence-based management, data warehouse design and implementation, data sourcing and quality, on-line analytical processing (OLAP), dashboards and data mining, case studies of business analytics practice.
Objectives:	On completion of this subject students should: # be familiar with business analytics and its relationship to decision-making; # understand the main concepts underlying data warehouse design and implementation, data quality and retrieval and analysis of data; # be familiar with the use of business analytics in practice.
Assessment:	A 2-hour formal examination (50%) in the examination period; a written assignment about data warehouse design, based on a case study, of approximately 2000 words (25%) – due mid-semester; a written assignment about creation of an analytical report, based on a case study, of approximately 2000 words (25%) – due end-semester.
Prescribed Texts:	None
Breadth Options:	This subject potentially can be taken as a breadth subject component for the following courses: # **Bachelor of Biomedicine (https://handbook.unimelb.edu.au/view/2010/B-BMED)** # **Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2010/B-COM)** # **Bachelor of Environments (https://handbook.unimelb.edu.au/view/2010/B-ENVS)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2010/B-MUS)**

	# **Bachelor of Science (https://handbook.unimelb.edu.au/view/2010/B-SCI)** # **Bachelor of Engineering (https://handbook.unimelb.edu.au/view/2010/355AA)** 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:	On completion of this subject students should have developed the following generic skills: # High level of development: collaborative learning; problem solving; team work; interpretation and analysis; critical thinking # Moderate level of development: oral communication; written communication
Related Course(s):	Bachelor of Information Systems Bachelor of Science and Bachelor of Information Systems