

615-644 Data Warehousing

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus. Seminars
Time Commitment:	Contact Hours: 3 hours of seminar discussion per week. Total Time Commitment: Three hours of seminar discussion per week. Students are expected to attend all seminars and actively participate. This requires reading relevant material before the seminar. Students who miss two or more seminars will be required to show cause why they should not be failed in the subject. Students should expect to devote 10-12 hours per week to a single semester unit, with up to 9 hours each week preparing for the class and completing assignments and 3 hours each week in class.
Prerequisites:	None
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. Students who feel their disability may impact upon their active and safe participation in a subject are encouraged to discuss this with the relevant subject coordinator and the Disability Liaison Unit.
Coordinator:	Assoc Prof Graeme George Shanks
Subject Overview:	Data warehouses are designed to provide organizations with an integrated set of high quality data to support decision-makers. They should support flexible and multi-dimensional retrieval and analysis of data. Topics covered include data warehousing and decision-making, data warehouse design, data warehouse implementation, data sourcing and data quality, on-line analytical processing (OLAP) and data mining, customer relationship management systems, and case studies of data warehousing practice. On completion of this subject, students should: <ul style="list-style-type: none"> 1 be familiar with data ware housing and its relationship to decision-making; 2 understand the main concepts underlying data warehouse design and implementation, data quality and retrieval and analysis of data 3 be familiar with the role of data warehousing in customer relationship management systems.
Assessment:	A 3000 word data warehouse design case study paper due mid- semester (30%); a 3000 word written essay due end semester (30%); a 2-hour written examination in the examination period (40%).
Prescribed Texts:	Shanks, G. (2007). Data Warehousing: Selected Readings , available at the University of Melbourne Book Shop.
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:	Students should develop skills in literature search and analysis, critical thinking and independent learning.

Links to further information:	http://www.dis.unimelb.edu.au/current/postgrad/subjects/index.html
Related Course(s):	Master of Business Administration/Master of Information Systems Master of Information Systems Master of Information Systems Master of Information Systems (Coursework) Master of Information Systems/Postgraduate Diploma in Management
Related Majors/Minors/ Specialisations:	R05 PM Master of Science (Management Science) R05 RI Master of Science - Information Systems