

600-152 Informatics 2: People, Data and the Web

Credit Points:	12.500
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 36 one-hour lectures (three per week) and 12 two-hour workshops (one per week). 60 contact hours. Total Time Commitment: 120 hours
Prerequisites:	600-151 Informatics 1: Practical Computing.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	Students who have passed either 433-171 Introduction to Programming or 433-151 Introduction to Programming (Advanced) are NOT permitted to enroll in this subject. These students should instead enroll in 433-172 Algorithmic Problem Solving.
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:	Dr Frank Vetere and Dr Tony Wirth
Subject Overview:	This subject explores the world-wide web of data. Students will select a problem domain, identify live web data sources, and use computational methods to represent, transform, and present information for human consumption. This subject covers the Extensible Markup Language (XML) and associated web technologies; systems for managing information in a shared environment; and social implications of networked computing. A series of workshops together with a semester-long team project will give students practical experience in solving data-intensive problems involving computers, people and the Web.
Assessment:	A group project (40%) expected to take 48 hours, with stages due at one-third, at two-thirds and at the end of semester. This time commitment includes a peer-assessment component related to the project (10%). The additional assessment component is a 2-hour written examination in the examination period (50%).
Prescribed Texts:	None
Breadth Options:	This subject potentially can be taken as a breadth subject component for the following courses: <ul style="list-style-type: none"> # Bachelor of Arts # Bachelor of Commerce # Bachelor of Environments # Bachelor of Music 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: <ul style="list-style-type: none"> # analyse and solve real-world problems with computers; # provide clear and constructive critique of other students' work;

	<ul style="list-style-type: none"># discern quality with respect to the goals of the subject;# synthesise information and communicate results effectively; and# work effectively as a member of a project team.
Notes:	Students enrolled in the BSc (both pre-2008 and new degrees), BASc or a combined BSc course will receive science credit for the completion of this subject.
Related Course(s):	Bachelor of Computer Science Bachelor of Engineering (Software Engineering) Bachelor of Information Systems