

INFO10002 Informatics 2: Programming on the Web

Credit Points:	12.50						
Level:	1 (Undergraduate)						
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.						
Time Commitment:	Contact Hours: 5 x one hour lectures per fortnight; and 1 x two hour workshop per week Total Time Commitment: Estimated total time commitment of 120 hours						
Prerequisites:	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>INFO10001 Informatics 1: Data on the Web</td> <td>Not offered 2012</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	INFO10001 Informatics 1: Data on the Web	Not offered 2012	12.50
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INFO10001 Informatics 1: Data on the Web	Not offered 2012	12.50					
Corequisites:	None						
Recommended Background Knowledge:	None						
Non Allowed Subjects:	<p># 615-240 Concepts of Software Development 2</p> <p>Students who have passed either of the following subjects are not permitted to enrol in this subject</p> <p># 433-171 Introduction to Programming</p> <p># 433-151 Introduction to Programming (Advanced)</p>						
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>						
Coordinator:	Dr Tony Wirth						
Contact:	<p>Ass Prof Tim Baldwin email: tbaldwin@unimelb.edu.au (mailto:tbaldwin@unimelb.edu.au)</p> <p>Dr Tony Wirth email: awirth@unimelb.edu.au (mailto:awirth@unimelb.edu.au)</p>						
Subject Overview:	<p>Many aspects of our lives are entangled in the world-wide web of data. Students will explore various computational methods to represent, transform and make sense of this network of data. Students should learn the nuts and bolts of the Web, the structure of the Web, systems for managing information in a shared environment, and social aspects of networked computing. A series of workshops together with individual and team projects will provided students with practical experience in solving data-intensive problems involving computers, people and the Web.</p>						
Objectives:	<p>On completion of this subject students should be able to:</p> <p># Solve practical information management tasks using programming and web technologies</p>						

	<ul style="list-style-type: none"> # Manipulate live web-based data # Implement and evaluate solutions using web technologies # Use web technologies to collaborate with fellow team members # Communicate results effectively using web technologies
Assessment:	A three-stage project (50%) expected to take 48 hours, with stages due at one-third, at two-thirds and at the end of semester. About half of the project is to be done individually and the rest in groups. An additional assessment component is a 2-hour written examination in the examination period (50%). Both of the continuous assessment and the final exam components must be passed in order to pass the subject overall.
Prescribed Texts:	None
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2012/B-ARTS) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2012/B-COM) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2012/B-ENVS) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2012/B-MUS) <p>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.</p>
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p>On completion of this subject students should have developed the following generic skills:</p> <ul style="list-style-type: none"> # Analyse and solve real-world problems with computers # Provide clear and constructive critique of other students' work # Discern quality with respect to the goals of the subject # Synthesise information and communicate results effectively # Work effectively as a member of a project team
Notes:	<p>This subject is available for science credit to students enrolled in the BSc (both pre-2008 and new degrees), BAsc or a combined BSc course.</p> <p>Students who can demonstrate substantial knowledge of spreadsheets and programming, can apply to sit the proficiency test for Informatics. 1. Students who satisfactorily complete the test may be eligible to enrol in Informatics. 2. Satisfactory completion of the test qualifies a student for a prerequisite waiver into Informatics 2, but does not entitle a student to course credit for Informatics 1.</p> <p>Please contact the subject coordinator for more information on the proficiency test.</p> <p>Previously known as INFO10002 (600-152) Informatics 2: People, Data and the Web (prior to 2011)</p>
Related Majors/Minors/Specialisations:	<p>B-ENG Software Engineering stream</p> <p>Science credit subjects* for pre-2008 BSc, BAsc and combined degree science courses</p> <p>Science-credited subjects - new generation B-SCI and B-ENG. Core selective subjects for B-BMED.</p>
Related Breadth Track(s):	Information and the Web