

SINF30008 Science Informatics in Practice

Credit Points:	12.50															
Level:	3 (Undergraduate)															
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.															
Time Commitment:	Contact Hours: 1 one-hour lecture per week, 1 two-hour laboratory class per week for student project work Total Time Commitment: Estimated total time commitment of 120 hours															
Prerequisites:	Both <table border="1" data-bbox="389 573 1485 779"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>SINF30007 Distributed Information</td> <td>Not offered 2012</td> <td>12.50</td> </tr> <tr> <td>SINF20006 Information Visualisation</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>OR</p> <table border="1" data-bbox="389 831 1485 976"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>INFO30005 Web Information Technologies</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	SINF30007 Distributed Information	Not offered 2012	12.50	SINF20006 Information Visualisation	Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	INFO30005 Web Information Technologies	Semester 1	12.50
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INFO30005 Web Information Technologies	Semester 1	12.50														
Corequisites:	None															
Recommended Background Knowledge:	None															
Non Allowed Subjects:	Students may not gain credit for both this subject and any of the following: <table border="1" data-bbox="389 1227 1485 1433"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>INFO30003 Informatics 6: e-Research Project</td> <td>Not offered 2012</td> <td>12.50</td> </tr> <tr> <td>ISYS30006 Industrial Project</td> <td>Not offered 2012</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	INFO30003 Informatics 6: e-Research Project	Not offered 2012	12.50	ISYS30006 Industrial Project	Not offered 2012	12.50						
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Core Participation Requirements:	For the purposes of considering request 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 of 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 Reeva Lederman															
Contact:	Email: reeva.lederman@unimelb.edu.au (mailto: reeva.lederman@unimelb.edu.au)															
Subject Overview:	This capstone subject will allow students to put into practice the skills learnt in the Science Informatics major. Students will work in teams to apply their skills to real world informatics problems. Particular examples might include web-based collaboration portals; clinical research database development; information architecture analyses; genetic database integration. This subject will also investigate professional issues in informatics and develop project management skills.															

Objectives:	On completion of this subject students should be able to: <ul style="list-style-type: none"> # Confidently approach informatics problems and design effective solutions and # Implement a complex web-based application
Assessment:	A 1 hour individual test during the lecture in the final week of semester (20%) Group submission of approximately 40 pages of documentation submitted in several parts throughout the semester (70%) And a 20 minute oral presentation in week 11 of the semester (10%)
Prescribed Texts:	To be advised
Recommended Texts:	To be advised
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 completion of the subject students should have developed the following generic skills: <ul style="list-style-type: none"> # The ability to analyse and solve problems involving large amounts of real world data; # The ability to synthesise information and communicate results effectively; # The ability to work effectively as a member of a project team; # The capacity for critical and independent thought and reflection and; # The ability to plan and manage time.
Notes:	This subject is available for science credit to students enrolled in the BSc (new degree).
Related Majors/Minors/Specialisations:	Science Informatics Science-credited subjects - new generation B-SCI and B-ENG. Core selective subjects for B-BMED.