

# Science Informatics

<b>Year and Campus:</b>	2013																										
<b>Coordinator:</b>	Sean Maynard																										
<b>Contact:</b>	Email: <a href="mailto:sean.maynard@unimelb.edu.au">sean.maynard@unimelb.edu.au</a> (mailto:sean.maynard@unimelb.edu.au)																										
<b>Overview:</b>	A Science Informatics major will focus on preparing students for careers in information and data management, medical and health informatics and clinical research, physical informatics and social informatics. Graduates will be prepared for these pathways by developing skills in understanding, manipulating, visualising, integrating and exploiting data and information; these skills are crucial to many industries, particularly medical/health industries, and research in biological and physical sciences.																										
<b>Objectives:</b>	This major will integrate knowledge from a range of disciplines including computing, information modelling and human-computer interaction, by enabling students to complete a sequence of specialist subjects in each, as well as integrated subjects in which the students develop an understanding of the application of informatics to solving current problems in particular domains. Students will gain experience preparing them for the workplace by participating in project based subjects in which they will apply the skills they have learnt to real world problems.																										
<b>Structure &amp; Available Subjects:</b>	Completion of 50 points of study at Level 3. N.B. The Science Informatics major has been updated for 2012. Students who completed Level 3 subjects towards this major prior to 2012 should also refer to the 2011 Handbook entry for this major																										
<b>Subject Options:</b>	<p>Core subject</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>SINF30008 Science Informatics in Practice</td> <td>Not offered 2013</td> <td>12.50</td> </tr> </tbody> </table> <p>Plus one of</p> <table border="1"> <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>Not offered 2013</td> <td>12.50</td> </tr> </tbody> </table> <p># SINF30007 Distributed Information (prior to 2012)</p> <p>Plus two electives selected from</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>INFO30004 Usability Engineering</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>INFO30005 Web Information Technologies</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>INFO30006 Information Management Techniques</td> <td>Not offered 2013</td> <td>12.50</td> </tr> </tbody> </table> <p># SINF30007 Distributed Information (prior to 2012)  # INFO30001 Informatics 4: Web Applications (prior to 2012)  # INFO30002 Informatics 5: Applied Analytics (prior to 2011)  # SINF30004 Human Computer Interaction (prior to 2012)  # SINF30005 Mobile Computing (prior to 2011)</p>			Subject	Study Period Commencement:	Credit Points:	SINF30008 Science Informatics in Practice	Not offered 2013	12.50	Subject	Study Period Commencement:	Credit Points:	INFO30005 Web Information Technologies	Not offered 2013	12.50	Subject	Study Period Commencement:	Credit Points:	INFO30004 Usability Engineering	Not offered 2013	12.50	INFO30005 Web Information Technologies	Not offered 2013	12.50	INFO30006 Information Management Techniques	Not offered 2013	12.50
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<b>Notes:</b>	This major will not be offered after 2013. From 2014 it will be replaced by a new major, the Informatics major. Students commencing their Bachelor of Science in 2012 and beyond are advised to plan to take the Informatics major.
<b>Related Course(s):</b>	Bachelor of Science