

# Science Informatics

Year and Campus:	2010																										
Coordinator:	Dr Andrew Lonie																										
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Overview:	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. 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.																										
Objectives:	.																										
Structure & Available Subjects:	Completion of 50 points of study at third year level																										
Subject Options:	<div>Both of</div> <table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>SINF30007 Distributed Information</td><td>Semester 1</td><td>12.50</td></tr><tr><td>SINF30008 Science Informatics in Practice</td><td>Semester 2</td><td>12.50</td></tr></table> <div>Plus two electives selected from</div> <table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>SINF30004 Human Computer Interaction</td><td>Semester 1</td><td>12.50</td></tr><tr><td>INFO30002 Informatics 5: Applied Analytics</td><td>Semester 1</td><td>12.50</td></tr><tr><td>SINF30005 Mobile Computing</td><td>Semester 2</td><td>12.50</td></tr><tr><td>INFO30001 Informatics 4: Web Applications</td><td>Semester 2</td><td>12.50</td></tr></table>			Subject	Study Period Commencement:	Credit Points:	SINF30007 Distributed Information	Semester 1	12.50	SINF30008 Science Informatics in Practice	Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	SINF30004 Human Computer Interaction	Semester 1	12.50	INFO30002 Informatics 5: Applied Analytics	Semester 1	12.50	SINF30005 Mobile Computing	Semester 2	12.50	INFO30001 Informatics 4: Web Applications	Semester 2	12.50
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Related Course(s):	Bachelor of Science																										