

R05 RA Master of Science - Geography (not offered until 2010)

Year and Campus:	2009
Overview:	<p>Students must complete a total of 200 points comprising:</p> <ul style="list-style-type: none"> # 75 points of discipline subjects including Advanced Reading in Geography; # 25 points of professional tools subjects; and # a 100 point Research Project. <p>This course is only available on a full-time basis commencing in semester one. Students will complete the discipline subjects and the professional tools subjects in year one and the research project in year two.</p> <p>Core discipline subjects (50 points)</p> <p>Students must take:</p> <ul style="list-style-type: none"> • Advanced Reading in Geography (available semester 2, 2010) <p>Students must take 37.5 points selected from:</p> <ul style="list-style-type: none"> • 121-511 Management of Australian Ecosystems • 121-512 Integrated River & Catchment Management • 121-529 Social Impact Assessment and Evaluation • 121-532 Environmental Impact Assessment • 121-537 Heritage and Cultural Environments • 121-548 Climate Change Politics and Policy • Hazardous Coasts • Environmental Reconstruction • Development and Environment in China (25 points) <p>Elective discipline subjects (25 points)</p> <ul style="list-style-type: none"> • 207-505 Global Environment and Sustainability • 451-610 Fundamentals of GIS • 600-604 Environmental Risk Assessment • 600-601 Environmental Sampling and Analysis • 625-634 Climate Affairs <p>Professional tools (25 points)</p> <p><i>Business Tools</i></p> <ul style="list-style-type: none"> • 600-614 Business Tools: Money, People and Projects • Business Tools: The Market Environment (available semester 1, 2010) <p><i>Science Tools</i></p> <ul style="list-style-type: none"> • Critical Analysis in Science (available semester 2, 2010) • eScience (available semester 2, 2010) • 600-617 Systems Modelling and Simulation • 600-618 Ethics and Responsibility in Science • 600-615 Thinking and Reasoning with Data <p><i>Communication Tools</i></p> <ul style="list-style-type: none"> • 600-616 Science in Context • 600-619 Science and Communication <p>Research Project (100 points)</p> <p>Students must complete a 23,000 word thesis due at the end of semester 2 (100%).</p> <p>Students will select an approved Geography topic/research project in consultation with the supervisor/s. Student must also write a research proposal, give an oral presentation on the</p>

	proposed research and an oral presentation towards the end of the project summing up the results of the research. The thesis should demonstrate a critical application of specialist knowledge and make an independent contribution to existing scholarship in the area of research.																																																		
Objectives:	At the completion of this course, students should: # be familiar with current debates in their chosen field of geographic inquiry; # be able to develop research questions from a critical reading of a body of literature; # be able to design a field or laboratory based research project; and # gain an understanding of major conceptual debates in physical geography, and their implications for research methodology.																																																		
Subject Options:	<table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>600-614 Business Tools:Money, People & Projects</td><td>Semester 2</td><td>12.50</td></tr><tr><td>600-615 Thinking and Reasoning with Data</td><td>Semester 1</td><td>12.50</td></tr><tr><td>600-616 Science in Context</td><td>Semester 2</td><td>12.50</td></tr><tr><td>600-617 Systems Modelling and Simulation</td><td>Semester 1</td><td>12.50</td></tr><tr><td>600-618 Ethics and Responsibility in Science</td><td>Semester 2</td><td>12.50</td></tr><tr><td>600-619 Science and Communication</td><td>Semester 1</td><td>12.50</td></tr><tr><td>121-512 Integrated River & Catchment Management</td><td>Semester 2</td><td>12.50</td></tr><tr><td>121-529 Social Impact Assessment and Evaluation</td><td>Semester 2</td><td>12.50</td></tr><tr><td>121-532 Environmental Impact Assessment</td><td>Semester 1</td><td>12.50</td></tr><tr><td>121-537 Heritage and Cultural Environments</td><td>Not offered 2009</td><td>12.50</td></tr><tr><td>121-548 Climate Change Politics and Policy</td><td>Semester 1</td><td>12.50</td></tr><tr><td>207-505 Global Environment and Sustainability</td><td>Semester 1</td><td>12.50</td></tr><tr><td>600-604 Environmental Risk Assessment</td><td>Semester 1</td><td>12.50</td></tr><tr><td>625-634 Climate Affairs</td><td>Semester 2</td><td>12.50</td></tr><tr><td>451-610 Fundamentals of GIS</td><td>Semester 1</td><td>12.50</td></tr></table>			Subject	Study Period Commencement:	Credit Points:	600-614 Business Tools:Money, People & Projects	Semester 2	12.50	600-615 Thinking and Reasoning with Data	Semester 1	12.50	600-616 Science in Context	Semester 2	12.50	600-617 Systems Modelling and Simulation	Semester 1	12.50	600-618 Ethics and Responsibility in Science	Semester 2	12.50	600-619 Science and Communication	Semester 1	12.50	121-512 Integrated River & Catchment Management	Semester 2	12.50	121-529 Social Impact Assessment and Evaluation	Semester 2	12.50	121-532 Environmental Impact Assessment	Semester 1	12.50	121-537 Heritage and Cultural Environments	Not offered 2009	12.50	121-548 Climate Change Politics and Policy	Semester 1	12.50	207-505 Global Environment and Sustainability	Semester 1	12.50	600-604 Environmental Risk Assessment	Semester 1	12.50	625-634 Climate Affairs	Semester 2	12.50	451-610 Fundamentals of GIS	Semester 1	12.50
Subject	Study Period Commencement:	Credit Points:																																																	
600-614 Business Tools:Money, People & Projects	Semester 2	12.50																																																	
600-615 Thinking and Reasoning with Data	Semester 1	12.50																																																	
600-616 Science in Context	Semester 2	12.50																																																	
600-617 Systems Modelling and Simulation	Semester 1	12.50																																																	
600-618 Ethics and Responsibility in Science	Semester 2	12.50																																																	
600-619 Science and Communication	Semester 1	12.50																																																	
121-512 Integrated River & Catchment Management	Semester 2	12.50																																																	
121-529 Social Impact Assessment and Evaluation	Semester 2	12.50																																																	
121-532 Environmental Impact Assessment	Semester 1	12.50																																																	
121-537 Heritage and Cultural Environments	Not offered 2009	12.50																																																	
121-548 Climate Change Politics and Policy	Semester 1	12.50																																																	
207-505 Global Environment and Sustainability	Semester 1	12.50																																																	
600-604 Environmental Risk Assessment	Semester 1	12.50																																																	
625-634 Climate Affairs	Semester 2	12.50																																																	
451-610 Fundamentals of GIS	Semester 1	12.50																																																	
Related Course(s):	Master of Science																																																		