

352-UM Master of Engineering Science (Utilities Management)

Year and Campus:	2008																																									
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees																																									
Level:	Graduate/Postgraduate																																									
Duration & Credit Points:																																										
Contact:	Postgraduate Coordinator Mr Bill Robertson E: wjr@unimelb.edu.au Faculty of Engineering Rebecca Randall E: r.randall@unimelb.edu.au																																									
Course Overview:	<p>The Graduate Program in Utilities Management uses experienced educators, researchers and practitioners in this specialist field.</p> <p>The program aims to provide participants with the technological and competitive skills needed to effectively and efficiently manage infrastructure in today's rapidly changing environment of the information society.</p> <p>Themes covered include: asset management, public and private partnerships, strategic planning, and private and public financing.</p>																																									
Objectives:	-																																									
Course Structure & Available Subjects:	-																																									
Subject Options:	<p>Core Subjects: 25 points</p> <table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>421-654 Principles of Asset Management</td><td>Semester 1</td><td>12.50</td></tr></table> <p>and one of:</p> <table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>451-610 Fundamentals of GIS</td><td>Semester 1</td><td>12.50</td></tr><tr><td>121-542 Geographical Analysis and GIS</td><td>2</td><td>12.500</td></tr></table> <p>Restricted Elective Subjects: 25 points</p> <table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>421-616 Technology Assessment</td><td>Semester 1</td><td>12.50</td></tr><tr><td>451-624 Management of GIS</td><td>Semester 2</td><td>12.50</td></tr><tr><td>325-887 Strategic Management of Organisations</td><td>Not offered 2008</td><td>12.500</td></tr><tr><td>333-641 Financial Management</td><td>Semester 1, Semester 2</td><td>12.50</td></tr></table> <p>Research Subjects: 62.5 points</p> <table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>421-642 Research Topic</td><td>Semester 1, Semester 2</td><td>12.50</td></tr><tr><td>421-644 Research Project</td><td>Semester 1, Semester 2</td><td>50</td></tr></table> <p>Elective Subjects: 37.5 points subjects chosen from Electives List (see Master of Utilities Management) or such other subjects as are approved by the Course Coordinator</p>			Subject	Study Period Commencement:	Credit Points:	421-654 Principles of Asset Management	Semester 1	12.50	Subject	Study Period Commencement:	Credit Points:	451-610 Fundamentals of GIS	Semester 1	12.50	121-542 Geographical Analysis and GIS	2	12.500	Subject	Study Period Commencement:	Credit Points:	421-616 Technology Assessment	Semester 1	12.50	451-624 Management of GIS	Semester 2	12.50	325-887 Strategic Management of Organisations	Not offered 2008	12.500	333-641 Financial Management	Semester 1, Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	421-642 Research Topic	Semester 1, Semester 2	12.50	421-644 Research Project	Semester 1, Semester 2	50
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Entry Requirements:	4 year degree in engineering, science or related discipline																																									

	<p>Language Requirements</p> <p>International students and students whose prior qualifications are from a university overseas where English is not the official language of instruction and examination need to supply proof of academic English language competency. Proof acceptable to the University includes:</p> <p>Original evidence of an English Language test score at a sitting within the last 24 months of either -</p> <p>TOEFL - at least 577 and a TWE of at least 4.5 (paper based) or a TOEFL of at least 233 with an Essay Rating of at least 4.5 (computer based)</p> <p>or</p> <p>IELTS - at least 6.5. (A minimum band score of 6 is required in the Academic Writing module).</p> <p>Entry under a slightly lower Engineering alternative* English Language entry requirement is available as follows:</p> <p>TOEFL - at least 550, with a TWE of 4 or the computer based TOEFL of at least 213 with an Essay Rating Score of at least 4 and agreeing in writing to undertake and pass an ESL subject in the first semester of study at the University of Melbourne</p> <p>or</p> <p>IELTS - at least 6 and agreeing in writing to undertake and pass an ESL subject in the first semester of study at the University of Melbourne.</p> <p>* The Faculty of Engineering's English Language alternative may affect the duration and cost of your course.</p>
Core Participation Requirements:	-
Further Study:	-
Graduate Attributes:	-
Generic Skills:	-
Notes:	Work experience is a prerequisite for subject: 333-641 Business Finance I