

# 988-WR Graduate Certificate in Engineering(Water Resources Management)

<b>Year and Campus:</b>	2008									
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>									
<b>Level:</b>	Graduate/Postgraduate									
<b>Duration &amp; Credit Points:</b>										
<b>Contact:</b>	<p>Course Coordinator            Assoc. Professor H M Malano            E: <a href="mailto:hectormm@unimelb.edu.au">hectormm@unimelb.edu.au</a></p> <p>Faculty of Engineering            Rebecca Randall            E: <a href="mailto:r.randall@unimelb.edu.au">r.randall@unimelb.edu.au</a></p>									
<b>Course Overview:</b>	<p>The Graduate Program in Water Resources Management is designed to meet the theoretical and practical needs of professionals working in water resources authorities, consultancy, education and related fields.</p> <p>The program provides participants with a broad understanding of the issues involved in water resources management and development.</p> <p>Themes covered include: irrigation and drainage design and management, surface hydrology, groundwater hydrology, surface and groundwater quality management, water resources allocation and competition, water resources policy, water resources institutions, water resources economics, and institutional, legal and political framework.</p>									
<b>Objectives:</b>	-									
<b>Course Structure &amp; Available Subjects:</b>	-									
<b>Subject Options:</b>	<p>This award consists of two core subjects totaling 25 points plus elective subjects chosen from the Electives List (Master of Water Resources Management). A student enrolled in the Certificate is limited to a maximum of 12.5 points by research.</p> <p><b>Core Subjects (25 points)</b></p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>421-627 Sustainable Water Resources Management</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>421-668 Sustainable Irrigation System Management</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	421-627 Sustainable Water Resources Management	Semester 2	12.50	421-668 Sustainable Irrigation System Management	Semester 1	12.50
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<b>Entry Requirements:</b>	<p>3 year degree at honours level in engineering, science or related discipline</p> <p><b>Language Requirements</b></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><b>or</b></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><b>or</b> 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>
<b>Core Participation Requirements:</b>	-
<b>Further Study:</b>	-
<b>Graduate Attributes:</b>	-
<b>Generic Skills:</b>	-