

## 421-627 Sustainable Water Resources Management

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	2009, This subject commences in the following study period/s: September, - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 36 hours including lectures, syndicate exercises and tutorials to be run in intensive mode over one-week in the October mid-semester break; Non-contact time commitment: 84 hours Total Time Commitment: Not available
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	<p>&lt;p&gt;For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.&lt;/p&gt;         &lt;p&gt;It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p>
<b>Coordinator:</b>	Assoc Prof Hector Malano
<b>Contact:</b>	Assoc. Professor Hector Malano Department of Civil and Environmental Engineering Email: hectormm@unimelb.edu.au
<b>Subject Overview:</b>	The concept of water resources system; watersheds and river basins. Economic, environmental and social impacts of water resources development. Environmental planning process for control and mitigation of waterlogging and salinisation. Water resources development and management policy.
<b>Objectives:</b>	On completion of this subject the student should have developed an understanding of: <ul style="list-style-type: none"> <li># the physical elements of a water resource system and its interactions;</li> <li># the economic, environmental and social elements involved in the sustainable development and management of water resources.</li> </ul>
<b>Assessment:</b>	In-class group work (20%), two essays of up to 3,000 words each (80%).
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<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>Related Course(s):</b>	Graduate Diploma in Engineering(Water Resources Management) Master of Development Technologies Master of Energy Studies Master of Engineering Management Master of Engineering Project Management

Master of Engineering Science (Engineering Management)  
Master of Engineering Science (Water Resource Management)  
Master of Engineering Structures  
Master of Environmental Engineering  
Master of Water Resource Management