

## 421-640 Public Health in Hot Climates

<b>Credit Points:</b>	12.500
<b>Level:</b>	Graduate/Postgraduate
<b>Dates &amp; Locations:</b>	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 36 hours; 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; <p>&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> </p>
<b>Coordinator:</b>	Hector Malano
<b>Subject Overview:</b>	Water supply for low-income rural and large urban communities; quality criteria; resource allocation; patterns of water usage; sources; extraction; storage and delivery methods; treatment processes; cost analysis, including cost recovery. Waste disposal for low income communities in hot climates; introduction; processes not using reticulation; systems involving reticulation; effluent and sludge disposal; agricultural wastes; garbage disposal economic aspects.
<b>Assessment:</b>	One 2-hour examination (50%) and two assignments of up to 1,250 words each (25% each).
<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>Generic Skills:</b>	<p>On successful completion, students should know:</p> <ul style="list-style-type: none"> <li># the form of a wide range of water supply technologies suitable for small and large communities</li> <li># which are the major diseases whose incidence is much affected by water quality</li> <li># the means of controlling those diseases through quality of water supply</li> <li># the common measures of water quality and the associated standards and criteria</li> <li># the form of a wide range of technologies for the safe disposal of human waste (including collection, transport, treatment and disposal) on scales appropriate for communities of differing size; the major pathogens to be destroyed and measures of their level in waste water; and an appreciation of cultural and economic factors which influence choices in sanitary waste disposal</li> </ul>
<b>Related Course(s):</b>	Master of Development Studies(CWT) Master of Development Technologies

Master of Energy Studies  
Master of Engineering Project Management  
Master of Engineering Structures  
Master of Environmental Engineering  
Master of Utilities Management  
Master of Water Resource Management