

## 702-614 Regenerating Buildings

<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: Semester 2, - Taught on campus.
<b>Time Commitment:</b>	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>	Dr Dominique Hes
<b>Subject Overview:</b>	<p>A very real challenge for the future is how to retrofit, rebuild and revitalise old building stock. This subject will provide advanced skills in sustainably re-imagining and designing innovative, architecturally significant buildings from existing structures. Based on a series of seminars and site visits, student will apply their learning to an existing building within Melbourne.</p> <p>Topics covered will be: basic and advanced retrofitting opportunities; critically assessment of existing structure and architecture; green building rating tools; revitalisation charrette/workshop; innovation and existing infrastructure; facades and character; national and international case studies; multidisciplinary teams; indoor environmental quality and productivity; business cases; minor and major projects and opportunities; age based building evaluation, opportunities, risks and strategies.</p>
<b>Assessment:</b>	One 3000 word essay (30%), 4 A3 presentation boards illustrating the concepts and designs for the case study building (50%), and one 10 minute presentation (20%).
<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 be able to:</p> <ul style="list-style-type: none"> <li># Identify the critical issues that should be addressed in planning the retrofit of a building</li> <li># Use of market software in determining the viability and opportunities of the retrofit</li> <li># Identify the issues effecting indoor environmental quality</li> <li># Evaluate an existing building to develop innovative, architecturally significant interventions</li> <li># Written, verbal and visual presentation of ideas</li> <li># Graphical communication skills</li> <li># Correct use of technical terminology</li> </ul>

- # Analysis and synthesis of data in order to propose solutions
- # Ability to analyse social and cultural contexts
- # Critical thinking and analysis
- # Evaluation of technologies, retrofitting opportunities and their applicability
- # Creative response to complex problems
- # Develop logical arguments
- # Technical skills in visual documentation and presentation
- # Ability to select the appropriate design approach