

# ENVS10004 Designing Environments

<b>Credit Points:</b>	12.5
<b>Level:</b>	1 (Undergraduate)
<b>Dates &amp; Locations:</b>	2015, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: Contact Hours: 1 hour lectures for the first 11 weeks of semester; 1 x 3 hours studio per week throughout semester. Total Time Commitment: 340 hours
<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>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.</p> <p>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: <a href="http://services.unimelb.edu.au/disability">http://services.unimelb.edu.au/disability</a></p>
<b>Coordinator:</b>	Assoc Prof Andrew Hutson, Dr Mirjana Ristic
<b>Contact:</b>	Email: <a href="mailto:aewhuts@unimelb.edu.au">aewhuts@unimelb.edu.au</a> (mailto:aewhuts@unimelb.edu.au)
<b>Subject Overview:</b>	<p>This subject provides an introduction to how people identify needs and wants and devise ways of satisfying them through built or engineered manipulation of the environment. Students will consider the antecedents, processes, actors and consequences of designing constructed and engineered environments, systems and artefacts. Issues of movement and perception, environmental behaviour and the responsible use of physical environmental systems will be explored. The subject will address:</p> <ul style="list-style-type: none"> <li># Design processes and methods, including problem-solving and design proposal perspectives, methods of framing and analysis of design tasks, creative thinking, and methods of synthesis and representation of design outcomes</li> <li># Case studies of various scales and times to examine designed outcomes with regard to social, cultural, economic, resource, production and actor relationships</li> <li># Design professions: their history in the production of environments, systems and artefacts, and their differing educations, organisation and practices</li> </ul>
<b>Learning Outcomes:</b>	<p>At the completion of this subject students should be able to:</p> <ul style="list-style-type: none"> <li># Introduce and practise processes and methods of designing and creative thinking;</li> <li># Analyse the social, logistical, economic and resource aspects that contribute to design tasks and outcomes;</li> <li># Introduce the actors in design processes, including the contribution of design professions to the creation of designed environments, systems and artefacts.</li> </ul>
<b>Assessment:</b>	Preparatory assignment 1, due week 4, (10%) Preparatory assignment 2, due week 9, (10%) Preparatory assignment 3, due week 12, (20%) Major design assignment, due week 12, (40%) A reflective journal or workbook will cover project submissions, research, and learning in

	lectures and studios. There will be two journal submission dates - journal submission date 1, due week 7, (10%) and journal submission date 2, due Friday of the week following swot vac (10%).
<b>Prescribed Texts:</b>	None specified
<b>Recommended Texts:</b>	Lawson, B. <i>How Designers Think</i> . De Bono, E. <i>Six Thinking Hats</i> .
<b>Breadth Options:</b>	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> <li># <b>Bachelor of Arts</b> (<a href="https://handbook.unimelb.edu.au/view/2015/B-ARTS">https://handbook.unimelb.edu.au/view/2015/B-ARTS</a>)</li> <li># <b>Bachelor of Biomedicine</b> (<a href="https://handbook.unimelb.edu.au/view/2015/B-BMED">https://handbook.unimelb.edu.au/view/2015/B-BMED</a>)</li> <li># <b>Bachelor of Commerce</b> (<a href="https://handbook.unimelb.edu.au/view/2015/B-COM">https://handbook.unimelb.edu.au/view/2015/B-COM</a>)</li> <li># <b>Bachelor of Music</b> (<a href="https://handbook.unimelb.edu.au/view/2015/B-MUS">https://handbook.unimelb.edu.au/view/2015/B-MUS</a>)</li> <li># <b>Bachelor of Science</b> (<a href="https://handbook.unimelb.edu.au/view/2015/B-SCI">https://handbook.unimelb.edu.au/view/2015/B-SCI</a>)</li> <li># <b>Bachelor of Engineering</b> (<a href="https://handbook.unimelb.edu.au/view/2015/B-ENG">https://handbook.unimelb.edu.au/view/2015/B-ENG</a>)</li> </ul> <p>You should visit <b>learn more about breadth subjects</b> (<a href="http://breadth.unimelb.edu.au/breadth/info/index.html">http://breadth.unimelb.edu.au/breadth/info/index.html</a>) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
<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>At the completion of this subject students should have the following skills:</p> <ul style="list-style-type: none"> <li># Developed an understanding of skills and approaches to design tasks and outcomes</li> <li># Developed written, graphic, numeric, diagrammatic and verbal skills in relation to design and creative thinking</li> <li># Begun an exploration of designing for people</li> </ul>
<b>Links to further information:</b>	<a href="http://www.benvs.unimelb.edu.au/">http://www.benvs.unimelb.edu.au/</a>
<b>Related Course(s):</b>	Bachelor of Environments
<b>Related Majors/Minors/Specialisations:</b>	<p>Architecture major  Civil (Engineering) Systems major  Environmental Engineering Systems major  Environmental Geographies, Politics and Cultures major  Environments Discipline subjects  Geomatics (Geomatic Engineering) major  Landscape Architecture major  Urban Design and Planning major</p>
<b>Related Breadth Track(s):</b>	<p>Urban Design and Planning  Architecture</p>