

## 985AV Bachelor of Engineering (Civil) and Bachelor of Science

<b>Year and Campus:</b>	2011 - Parkville										
<b>CRICOS Code:</b>	009725A										
<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>	Undergraduate										
<b>Duration &amp; Credit Points:</b>	500 credit points taken over 60 months full time. This course is available as full or part time.										
<b>Coordinator:</b>	Professor Priyan Mendis										
<b>Contact:</b>	Melbourne School of Engineering <a href="mailto:eng-info@unimelb.edu.au">eng-info@unimelb.edu.au</a> ( <a href="mailto:eng-info@unimelb.edu.au">mailto:eng-info@unimelb.edu.au</a> ) <a href="http://www.eng.unimelb.edu.au">http://www.eng.unimelb.edu.au</a> ( <a href="http://www.eng.unimelb.edu.au">http://www.eng.unimelb.edu.au</a> )										
<b>Course Overview:</b>	<p><b>THE COURSE STRUCTURE BELOW ONLY APPLIES TO RE-ENROLLING STUDENTS WHO COMMENCED THEIR STUDIES PRIOR TO 2008</b></p> <p><i>The last intake for this course was in 2007. Students still enrolled in this course need to seek specific personalised advice from a course adviser on the requirements necessary to complete the degree</i></p>										
<b>Objectives:</b>	THE COURSE STRUCTURE BELOW ONLY APPLIES TO RE-ENROLLING STUDENTS WHO COMMENCED THEIR STUDIES PRIOR TO 2008										
<b>Course Structure &amp; Available Subjects:</b>	<p><b>THE COURSE STRUCTURE BELOW ONLY APPLIES TO RE-ENROLLING STUDENTS WHO COMMENCED THEIR STUDIES PRIOR TO 2008</b></p> <p>The standard BE/BSc combined degrees requires a total of 500 points, within which students must take a minimum of 300 engineering points and 237.5 science points. The total points of a standard course can be kept to 500 as at least 50 points of core material within the various streams of engineering also earn science point. Please refer to the <b><a href="http://handbook.unimelb.edu.au/view/2011/755BB">Bachelor of Science (../view/2011/755BB)</a></b> for Science subject selection</p> <p>All students in the combined degree Bachelor of Engineering/Bachelor of Science are required to complete 237.5 science points, which must include:</p> <ul style="list-style-type: none"> <li># between 75 and 125 points at Level 1</li> <li># completion of 50 points of a prescribed <b><a href="http://handbook.unimelb.edu.au/view/current/%21755-BB-SPC%2B1000">Science Major (../view/current/%21755-BB-SPC%2B1000)</a></b> at Level 3</li> </ul> <p>Students may not complete alternative combinations of subjects to major unless approval is obtained from the Eastern Precinct Student Centre. The University is committed to ensuring that students are not disadvantaged by recent changes to the curriculum and students may complete a major as defined by the current structure or a structure detailed in a previous year's handbook applicable to any year the student was enrolled in the course. Bachelor of Engineering/Bachelor of Science students who require advice on an appropriate subject selection to complete a specific science major should contact the <b>EPSC</b></p>										
<b>Subject Options:</b>	<p>THE COURSE STRUCTURE BELOW ONLY APPLIES TO RE-ENROLLING STUDENTS WHO COMMENCED THEIR STUDIES PRIOR TO 2008</p> <p>Students who commenced fourth year in 2010 and have not completed (or have failed) the fourth year subjects required in the Bachelor of Engineering degree should see a Course Adviser</p> <p><b>Final Year (total 100 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>CVEN90052 Integrated Design</td> <td>Not offered 2011</td> <td>25</td> </tr> <tr> <td>CVEN90049 Structural Theory and Design 2</td> <td>Not offered 2011</td> <td>12.50</td> </tr> </tbody> </table>		Subject	Study Period Commencement:	Credit Points:	CVEN90052 Integrated Design	Not offered 2011	25	CVEN90049 Structural Theory and Design 2	Not offered 2011	12.50
Subject	Study Period Commencement:	Credit Points:									
CVEN90052 Integrated Design	Not offered 2011	25									
CVEN90049 Structural Theory and Design 2	Not offered 2011	12.50									

	CVEN90050 Geotechnical Engineering	Not offered 2011	12.50
	CVEN90051 Civil Hydraulics	Not offered 2011	12.50
	<p>Civil Electives (12.5 points) selected from 355AV  <a href="https://handbook.unimelb.edu.au/view/2011/355AV">https://handbook.unimelb.edu.au/view/2011/355AV</a> (.../view/2011/355AV)  PLUS Science subjects (25 points) as required</p>		
<b>Entry Requirements:</b>	THERE IS NO FURTHER ENTRY INTO THIS COURSE		
<b>Core Participation Requirements:</b>	<p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further dtails on the disability support scheme can be found at the Disability Liaison Unit <a href="http://www.services.unimelb.edu.au/disability">http://www.services.unimelb.edu.au/disability</a></p>		
<b>Further Study:</b>	<p>On completion of a Bachelor of Engineering, students may choose to apply for candidtute in a Masters by Research or PhD. They may also apply to undertake a one year Advanced Masters by Coursework degree</p>		
<b>Graduate Attributes:</b>	<p>The Bachelor of Engineering is a professional degree. Graduates can obtain professional recognition by joining Engineers Australia who has accredited these programs. The Bachelor of Engineering also delivers on the University graduate attribute <a href="http://www.unimelb.edu.au/about/attributes.html">http://www.unimelb.edu.au/about/attributes.html</a></p>		
<b>Professional Accreditation:</b>	This course is accredited with Engineers Australia		
<b>Generic Skills:</b>	<p>Upon completion of this course the student should have developed their:</p> <ul style="list-style-type: none"> <li># Ability to apply knowledge of science and engineering fundamentals</li> <li># Ability to undertake problem identification, formulation and solution</li> <li># Ability to utilise a systems approach to complex problems and to design and operational performance</li> <li># Proficiency in engineering design</li> <li># Ability to communicate effectively, with the engineering team and with the community at large</li> <li># Capacity for creativity and innovation</li> <li># Ability to funciton effectively as an individual and in a multidisciplinary and multicultural teams, as a team leader or manager as well as an effective team member</li> <li># Capacity for lifelong learning and professional development.</li> </ul>		