

# 834EG Bachelor of Geomatic Engineering and Bachelor of Information Systems

<b>Year and Campus:</b>	2012
<b>CRICOS Code:</b>	023192G
<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
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<b>Contact:</b>	<p>Melbourne School of Engineering  Ground Floor, Old Engineering (Building 173)  Current students:  Email: <a href="mailto:13MELB@unimelb.edu.au">13MELB@unimelb.edu.au</a> (<a href="mailto:13MELB@unimelb.edu.au">mailto:13MELB@unimelb.edu.au</a>)  Phone: 13MELB (13 6352)  +61 3 9035 5511</p> <p>Prospective students:  Email: <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>)  Phone: +61 3 8344 6944</p>
<b>Course Overview:</b>	<p>THERE IS NO FURTHER ENTRY INTO THIS COURSE</p> <p>Students who commenced fifth year in 2011 and have not completed (or have failed) the fifth year subjects should seek advice from a Course Adviser</p>
<b>Objectives:</b>	<p>On completion of this course graduates should:</p> <ul style="list-style-type: none"> <li># Have a sound fundamental understanding of the scientific principles underlying technology</li> <li># Possess a broad knowledge base of their chosen discipline and of other disciplines to facilitate effective communication with those other professionals with whom engineers routinely communicate</li> <li># Be able to apply the basic principles underlying the management of physical, human and financial resources</li> <li># Have acquired the mathematical and computational skills necessary for the solution of theoretical and practical problems</li> <li># Possess analytical, problem-solving and design skills, including those appropriate for sustainable development</li> <li># Have verbal and written communication skills that enable them to contribute substantially to society</li> <li># Have acquired lifelong learning skills for further development professionally and for meeting future changes in technology</li> <li># Have acquired a sense of professional ethics and responsibility towards the profession and the community</li> <li># Have developed the interpersonal and management skills required by engineers in undertaking professional activities</li> <li># Be able to enact the social, cultural, global and environmental responsibilities of the professional engineer, and the need for sustainable development</li> </ul>
<b>Course Structure &amp; Available Subjects:</b>	<p>THERE IS NO FURTHER ENTRY INTO THIS COURSE</p> <p>Students who commenced fifth year in 2011 and have not completed (or have failed) the fifth year subjects should seek advice from a Course Adviser</p> <p>Students must complete a minimum (and maximum) of 500 points. Within the 500 points students must ensure that they satisfy the requirements of both the geomatic engineering component and the information systems component as specified below.</p> <p>The final first year intake into the Bachelor of Geomatic Engineering/Bachelor of Information Systems course was at the start of 2007. In addition to the information below, current BIS students should refer to other resources regarding course requirements and appropriate subject selection:</p>

	<p># Previous years' handbooks (for each of the years that a student has been enrolled in the course).</p> <p># The course planning website of the <b>Science Student Centre</b> (<a href="http://www.science.unimelb.edu.au/current/planning/index.php">http://www.science.unimelb.edu.au/current/planning/index.php</a>)</p> <p>The description of the Bachelor of Geomatic Engineering/Bachelor of Information Systems course has changed over recent years. Students may complete this course 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.</p> <p>In the course structure listed below reference is made to 'Information systems subject/s as required'. For detailed information about which subjects to consider, refer to the course planning website of the <b>Science Student Centre</b> (<a href="http://www.science.unimelb.edu.au/current/planning/index.php">http://www.science.unimelb.edu.au/current/planning/index.php</a>)</p>
<b>Entry Requirements:</b>	<p>THERE IS NO FURTHER ENTRY INTO THIS COURSE</p> <p>Students who commenced fifth year in 2011 and have not completed (or have failed) the fifth year subjects should seek advice from a Course Adviser</p>
<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>Graduate Attributes:</b>	<p>An Engineering graduate has a unique skill set comprising a blend of technical, business and interpersonal skills. Upon completion of the Bachelor of Engineering at the University of Melbourne, students will have strong analytical skills, the ability to lead teams and projects and the creativity to look at problems in a way that provides innovative solutions. Our graduates are known for their high standards and professionalism, their understanding of global issues and their outstanding communication skills. For details, see "Objectives".</p>
<b>Professional Accreditation:</b>	<p>Royal Institute of Chartered Surveyors</p>