

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

Year and Campus:	2008																								
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees																								
Level:	Undergraduate																								
Duration & Credit Points:																									
Contact:	-																								
Course Overview:	<p>Students taking combined degree courses who intend to overlap third- and later-year subjects, should consult with a course adviser to ensure all core engineering requirements are met.</p> <p>The recommended or standard course structures are listed below. When setting the timetable every effort will be made to avoid clashes between the times of classes associated with these sets of subjects. Students should be aware however, that if it proves to be impossible to achieve a timetable without clashes in these sets of subjects, the Faculty reserves the right to modify course structures in order to eliminate the conflicts. Students will be advised during the enrolment period of the semester if the recommended courses need to be varied. Where the courses include elective subjects these should be chosen so that timetable clashes are avoided. In particular, students in combined degrees should plan their courses so that the subjects chosen in the other faculty do not clash with those recommended for the engineering component.</p> <p>NOTE: 615-140 and 615-145 will be offered for the last time in 2008 and will only be available to students invited by the Head of Department.</p> <p>From 2008 the sequence of 615-145 and the 200-level subject 615-240 will be replaced by 600-151 Informatics 1: Practical Computing and 600-152 Informatics 2: People, Data and the Web.</p> <p>From 2008 the sequence of 615-140 and the 200-level subject 615-230 will be replaced by two alternative new subjects to be available from 2009 (Shaping the Enterprise with ICT and Informatics 3: Content Management).</p> <p>Students who had not completed either 615-140 or 615-145 prior to 2007 are required to complete the first year sequence 600-151 and 600-152.</p> <p>Students who had completed 615-140 in 2007 or earlier, but not 615-145, will be required to undertake 600-151 and 600-152 from 2008.</p>																								
Objectives:	-																								
Subject Options:	<p>THERE WILL BE NO FIRST YEAR ENTRY INTO THIS COURSE FROM 2008.</p> <p>Second Year</p> <p>Subjects listed below MUST be taken in this approved order, regardless of semester availability.</p> <p>Semester 1</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>451-203 Land Law</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>451-204 Professional Development</td> <td>1</td> <td>12.500</td> </tr> <tr> <td>451-208 Computational Methods in Geomatics</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table> <p>Information systems subject as required (12.5 points)</p> <p>Semester 2</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>451-200 Surveying 2</td> <td>Summer</td> <td>12.50</td> </tr> <tr> <td>451-206 Least Squares & Network Analysis</td> <td>Summer</td> <td>12.50</td> </tr> <tr> <td>451-236 Spatial Visualisation</td> <td>Not offered 2008</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	451-203 Land Law	Semester 1	12.50	451-204 Professional Development	1	12.500	451-208 Computational Methods in Geomatics	Semester 1	12.50	Subject	Study Period Commencement:	Credit Points:	451-200 Surveying 2	Summer	12.50	451-206 Least Squares & Network Analysis	Summer	12.50	451-236 Spatial Visualisation	Not offered 2008	12.50
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Information systems subject as required (12.5 points)

Third Year

Subjects listed below **MUST** be taken in this approved order, regardless of semester availability.

Semester 1

Subject	Study Period Commencement:	Credit Points:
451-333 Cadastral Surveying & Land Development	Semester 1	12.50

AND **one** of the following subjects

Subject	Study Period Commencement:	Credit Points:
451-331 Spatial Analysis	Semester 1	12.50
451-332 Imaging in the Geosciences	Semester 1	12.50

Information systems subjects as required (25 points)

Semester 2

Subject	Study Period Commencement:	Credit Points:
451-341 Applications of GIS and Remote Sensing	Semester 2	12.50
451-337 Satellite Positioning and Geodesy	Semester 2	12.50

Information systems subjects as required (25 points)

Fourth Year

Subjects listed below **MUST** be taken in this approved order, regardless of semester availability.

Semester 1

Subject	Study Period Commencement:	Credit Points:
451-418 Land Administration	Semester 1	12.50
451-449 Professional and Business Studies	Semester 1	12.50

Information systems subjects as required (25 points)

Semester 2

And **one** of the following subjects

Subject	Study Period Commencement:	Credit Points:
451-340 Integrated Spatial Systems 1	Semester 2	12.50
451-447 Photogrammetry	Semester 2	12.50

Information systems subjects as required (37.5 points)

Fifth Year

Subjects listed below **MUST** be taken in this approved order, regardless of semester availability.

Semester 1

Subject	Study Period Commencement:	Credit Points:
451-450 Research Project	Year Long	25

Information systems subjects as required (37.5 points)

Semester 2

	Subject	Study Period Commencement:	Credit Points:
	451-422 Residential Land Development	Semester 2	12.50
	Information systems subjects as required (25 points)		
Core Participation Requirements:	<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: http://services.unimelb.edu.au/disability</p>		