

967-EG Bachelor of Geomatic Engineering and Bachelor of Arts

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 geomatic 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>																														
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>451-103 Information Science and Programming</td> <td>Not offered 2008</td> <td>12.500</td> </tr> </tbody> </table> <p>Art subjects as required (37.5 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>620-156 Linear Algebra</td> <td>Semester 1, Semester 2, Summer</td> <td>12.50</td> </tr> <tr> <td>451-312 GIS & Remote Sensing for Enviro Science</td> <td>Not offered 2008</td> <td>12.500</td> </tr> </tbody> </table> <p>Art subject as required (12.5 points)</p> <p>Third 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>Art subject as required (12.5 points)</p>	Subject	Study Period Commencement:	Credit Points:	451-103 Information Science and Programming	Not offered 2008	12.500	Subject	Study Period Commencement:	Credit Points:	451-200 Surveying 2	Summer	12.50	620-156 Linear Algebra	Semester 1, Semester 2, Summer	12.50	451-312 GIS & Remote Sensing for Enviro Science	Not offered 2008	12.500	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:																													
451-103 Information Science and Programming	Not offered 2008	12.500																													
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451-200 Surveying 2	Summer	12.50																													
620-156 Linear Algebra	Semester 1, Semester 2, Summer	12.50																													
451-312 GIS & Remote Sensing for Enviro Science	Not offered 2008	12.500																													
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																													

Semester 2

Subject	Study Period Commencement:	Credit Points:
451-206 Least Squares & Network Analysis	Summer	12.50
451-337 Satellite Positioning and Geodesy	Semester 2	12.50

Art 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:
451-333 Cadastral Surveying & Land Development	Semester 1	12.50
451-332 Imaging in the Geosciences	Semester 1	12.50
451-235 Spatial Databases	Semester 1	12.50

Art subject as required (12.5 points)

Semester 2

Subject	Study Period Commencement:	Credit Points:
451-236 Spatial Visualisation	Not offered 2008	12.50

AND choose **one** of the following

Subject	Study Period Commencement:	Credit Points:
451-337 Satellite Positioning and Geodesy	Semester 2	12.50
451-340 Integrated Spatial Systems 1	Semester 2	12.50
451-341 Applications of GIS and Remote Sensing	Semester 2	12.50
451-447 Photogrammetry	Semester 2	12.50

Art subjects as required (25points)

FifthYear

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
451-418 Land Administration	Semester 1	12.50
451-449 Professional and Business Studies	Semester 1	12.50

Art subject as required (12.5 points)

Semester 2

Subject	Study Period Commencement:	Credit Points:
451-422 Residential Land Development	Semester 2	12.50

Art 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.

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>