

GEOL20001 Geology of Southeast Australia

Credit Points:	12.50								
Level:	2 (Undergraduate)								
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: February, Parkville - Taught on campus.								
Time Commitment:	Contact Hours: This subject is offered in February. Total formal contact is 42 hours, comprising 42 hours of fieldwork (one six-day excursion). Total Time Commitment: Estimated total time commitment of 120 hours								
Prerequisites:	None								
Corequisites:	None								
Recommended Background Knowledge:	One of the following is recommended # 625-104 The Earth, Atmosphere and Oceans (prior to 2010) # 625-102 Understanding Planet Earth (prior to 2008)								
	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ERTH10002 Understanding Planet Earth</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	ERTH10002 Understanding Planet Earth	Semester 2	12.50
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Non Allowed Subjects:	None								
Core Participation Requirements:	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact upon their active and safe participation in a subject are encouraged to discuss this with the relevant subject coordinator and the Disability Liaison Unit.								
Coordinator:	Assoc Prof Malcolm Wallace, Assoc Prof Stephen Gallagher								
Contact:	Email: sjgall@unimelb.edu.au (mailto:sjgall@unimelb.edu.au)								
Subject Overview:	Topics to be covered include: # reconstruction of the geological architecture and the geological history of southeast Victoria; # field identification of geological relationships between rock units, including the nature of volcanic eruptions; # examination of the Ordovician shale, Permian tillite, Cretaceous and sandstone and Tertiary limestone-deposits; characterisation of the age and environment of these units; # introduction to the techniques that are used to evaluate the geomorphic evolution and neotectonics of southeast Australia.								
Objectives:	At the end of this subject, students should have the skills to: # identify, describe and evaluate simple geological histories in the field; and # read and construct geological cross sections.								

Assessment:	A written report of up to 2000 words due at the end of the subject (60%); assessment of field exercises during the subject (40%).
Prescribed Texts:	None
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2012/B-ARTS) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2012/B-COM) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2012/B-ENVS) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2012/B-MUS) <p>You should visit learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Notes:	<p>This subject is available for science credit to students enrolled in the BSc (both pre-2008 and new degrees), BAsc or a combined BSc course.</p> <p>Special Requirements: Geological hammer, hand lens and magnet. Students should consult the Earth Sciences web site for dates, charges for excursions, accommodation and food and other information including safety requirements.</p>
Related Majors/Minors/Specialisations:	<p>Science credit subjects* for pre-2008 BSc, BAsc and combined degree science courses</p> <p>Science-credited subjects - new generation B-SCI and B-ENG. Core selective subjects for B-BMED.</p>
Related Breadth Track(s):	Geology in the field