

625-201 Geology of Southeast Australia

Credit Points:	12.500
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Summer Term, - Taught on campus.
Time Commitment:	Contact Hours: This subject is offered in February. Total formal contact is 42 hours, comprising 36 hours of fieldwork (one six-day excursion) and six hours of lectures Total Time Commitment: 120 hours
Prerequisites:	Earth sciences 625-102, or equivalent, is highly recommended.
Corequisites:	None
Recommended Background Knowledge:	None
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:	A/Prof M Wallace; A/Prof S Gallagher
Subject Overview:	<p>Topics to be covered include:</p> <ul style="list-style-type: none"> # reconstruction of the geological architecture and the geological history of southeast Victoria; # field identification of geological relationships between rock units, including the timing of emplacement of igneous bodies; # examination of the Cambrian basalts, the overlying Ordovician and Devonian limestone, sandstone, shale deposits and younger coal measures; characterisation of the deformation features that these units preserve as a result of subsequent tectonic events; # introduction to the techniques that are used to evaluate the geomorphic evolution and neotectonics of southeast Australia. <p>At the end of this subject, students will have the skills to:</p> <ul style="list-style-type: none"> # 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:	This subject is a level 2 or level 3 subject and is not available to new generation degree students as a breadth option in 2008. This subject or an equivalent will be available as breadth in the future. Breadth subjects are currently being developed and these existing subject details can be used as guide to the type of options that might be available. 2009 subjects to be offered as breadth will be finalised before re-enrolment for 2009 starts in early October.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees

Notes:

Students enrolled in the BSc (pre-2008 BSc), BAsC or a combined BSc course will receive science credit for the completion of this subject.

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.