

GEOL90029 Geology of Gold

Credit Points:	6.25
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: March, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 12 hours of lectures; a 1.5 day field trip; 6 hours of practicals. Total Time Commitment: 85 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	A knowledge of third-year geology is strongly recommended.
Non Allowed Subjects:	None
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>
Coordinator:	Assoc Prof Kevin Walsh
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Subject Overview:	The course provides a broad coverage of gold geology and exploration, as well as some of the latest research ideas and how they apply to mineral exploration. The course covers all major types of gold deposits with emphasis on Archaean deposits of Western Australia and slate-belt deposits of the Victorian gold province. Geochemistry, structural geology, regolith and deposit geology are covered at a level to enable participants to take their place in industry and government teams and make a contribution in all of these areas. An emphasis of the course is on a holistic approach that uses all applicable fields of geology to address issues pertaining to gold.
Learning Outcomes:	<ul style="list-style-type: none"> # This subject aims to equip students with discipline-specific knowledge and expertise appropriate for post-graduate research in the field; # equip students with discipline-specific knowledge and expertise enabling them to take their place as professional geologists in industry or government organisations; # provide students with the confidence and competence to recognise the importance and role of structure in the formation and modification of ore deposits; # hone their field mapping techniques.
Assessment:	Paper assessment equivalent to 1000 words (inclusive of a 200 word precis), due last day of the teaching period (30%) 2 hour exam equivalent to 1500 words, due last day of the teaching period (70%)
Prescribed Texts:	Reading expected to be completed in the pre-teaching period.
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees

Generic Skills:	<ul style="list-style-type: none"># Exercise critical judgement;# undertake rigorous and independent thinking;# adopt a problem-solving approach to new and unfamiliar tasks;# develop high-level written report and/or oral presentation skills; interrogate, synthesise and interpret the published literature;# work as part of a team.
Related Course(s):	Master of Geoscience Master of Science (Earth Sciences)
Related Majors/Minors/ Specialisations:	Earth Sciences Honours Program - Earth Sciences