

625-305 Economic Geology

Credit Points:	12.500
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 24 lectures (two per week) and 36 hours of practical work (three hours per week) Total Time Commitment: 120 hours
Prerequisites:	None
Corequisites:	Fifty points of 200-level Earth sciences subjects selected from 625-201, 625-202, 625-211, 625-222, 625-224, 625-203, 625-223.
Recommended Background Knowledge:	625-301, 625-302 and 625-303 are strongly recommended.
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:	Associate Professor D Phillips
Subject Overview:	<p>Topics covered include the geological setting and genesis of major metalliferous deposits; magmatic, magmatic hydrothermal, submarine hydrothermal and surficial deposits of major metalliferous and non-metallic resources will be integrated with fluid inclusions, stable isotope, petrographic and field studies.</p> <p>On completion of this subject, students should comprehend the wide variety of metalliferous-ore-forming processes. Students will have developed skills in interpreting ore deposits, skills in exploration techniques based on ore-forming processes, and skills in communication.</p>
Assessment:	A 2-hour practical examination held during the semester (20%); five written assignments of up to 2000 words each during the semester (30%); assessment of practical exercises throughout the semester (10%); a 2-hour written examination during the examination period (40%).
Prescribed Texts:	None
Breadth Options:	<p>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.</p> <p>This subject or an equivalent will be available as breadth in the future.</p> <p>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.</p> <p>2009 subjects to be offered as breadth will be finalised before re-enrolment for 2009 starts in early October.</p>
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.
Related Course(s):	<p>Bachelor of Arts and Bachelor of Science</p> <p>Bachelor of Arts and Sciences</p> <p>Bachelor of Biomedical Science</p> <p>Bachelor of Science</p>