

## 625-305 Economic Geology

<b>Credit Points:</b>	12.50
<b>Level:</b>	3 (Undergraduate)
<b>Dates &amp; Locations:</b>	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus. Lectures and practical classes.
<b>Time Commitment:</b>	Contact Hours: 24 lectures (two per week) and 36 hours of practical work (three hours per week) Total Time Commitment: 120 hours total time commitment.
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	50 points of second year level Earth sciences subjects selected from 625-201, 625-202, 625-211, 625-222, 625-224, 625-203, 625-223.
<b>Recommended Background Knowledge:</b>	625-301, 625-302 and 625-303 are strongly recommended.
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	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.
<b>Coordinator:</b>	Assoc Prof David Phillips
<b>Subject Overview:</b>	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.
<b>Objectives:</b>	On completion of this subject, students should comprehend the wide variety of metalliferous-ore-forming processes. Students should have developed skills in interpreting ore deposits, skills in exploration techniques based on ore-forming processes, and skills in communication.
<b>Assessment:</b>	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%).
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	This subject potentially can be taken as a breadth subject component for the following courses: # <b>Bachelor of Arts</b> ( <a href="https://handbook.unimelb.edu.au/view/2009/D09">https://handbook.unimelb.edu.au/view/2009/D09</a> ) # <b>Bachelor of Commerce</b> ( <a href="https://handbook.unimelb.edu.au/view/2009/F04">https://handbook.unimelb.edu.au/view/2009/F04</a> ) # <b>Bachelor of Environments</b> ( <a href="https://handbook.unimelb.edu.au/view/2009/A04">https://handbook.unimelb.edu.au/view/2009/A04</a> ) # <b>Bachelor of Music</b> ( <a href="https://handbook.unimelb.edu.au/view/2009/M05">https://handbook.unimelb.edu.au/view/2009/M05</a> ) You should visit <b>learn more about breadth subjects</b> ( <a href="http://breadth.unimelb.edu.au/breadth/info/index.html">http://breadth.unimelb.edu.au/breadth/info/index.html</a> ) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Notes:</b>	Students enrolled in the BSc (pre-2008 BSc), BASc or a combined BSc course will receive science credit for the completion of this subject.

<b>Related Majors/Minors/ Specialisations:</b>	Geology
--	---------