

Honours Program - Earth Sciences

Year and Campus:	2015																											
Coordinator:	Associate Professor Kevin Walsh School of Earth Sciences Email: kevin.walsh@unimelb.edu.au																											
Contact:	<p>Science Student Centre The Eastern Precinct (building 138) (between Doug McDonnell building and Eastern Resource Centre)</p> <p>http://www.bsc.unimelb.edu.au/bachelor-science-honours (http://www.bsc.unimelb.edu.au/bachelor-science-honours) Phone: 13 MELB (13 6352) Email: 13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au)</p>																											
Overview:	<p>Honours in Earth Sciences is a one-year program designed to extend students' knowledge and skills through a supervised research project together with advanced coursework in earth sciences.</p> <p>Admission requirements</p> <p>In addition to satisfying the Bachelor of Science (Degree with Honours) entry requirements, students are required to have completed stream specific prerequisite (http://science.unimelb.edu.au/available-stream-requirements%20) .</p> <p>Honours in Earth Sciences is available as start of year intake and mid year intake, and is dependent on the availability and agreement of an appropriate thesis supervisor.</p>																											
Learning Outcomes:	The main objective of the honours year is to produce an original research report or thesis based on the project work completed during the honours year.																											
Structure & Available Subjects:	<p>Research Students must complete 75 points of research.</p> <p>Coursework Students must complete 25 points of coursework.</p>																											
Subject Options:	<p>Research component</p> <p>Students enrol in a total of 75 points of research project across the duration of the Honours program. This is achieved by enrolling in a combination of the following subjects in appropriate semesters to achieve a total 75 credit points.</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ERTH40001 Earth Sciences Research Project</td> <td>Semester 1, Semester 2</td> <td>25</td> </tr> <tr> <td>ERTH40003 Earth Sciences Research Project</td> <td>Semester 1, Semester 2</td> <td>37.50</td> </tr> <tr> <td>ERTH40006 Earth Sciences Research Project</td> <td>Semester 1, Semester 2</td> <td>50</td> </tr> </tbody> </table> <p>Coursework component</p> <p>Students select 25 points of coursework from the following subjects</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ATOC90002 Climate Affairs</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ATOC90004 Current Topics in Atmospheric Science A</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>ATOC90005 Atmosphere Ocean Interaction and Climate</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ATOC90006 Climate Analysis and Modelling</td> <td>Not offered 2015</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	ERTH40001 Earth Sciences Research Project	Semester 1, Semester 2	25	ERTH40003 Earth Sciences Research Project	Semester 1, Semester 2	37.50	ERTH40006 Earth Sciences Research Project	Semester 1, Semester 2	50	Subject	Study Period Commencement:	Credit Points:	ATOC90002 Climate Affairs	Semester 2	12.50	ATOC90004 Current Topics in Atmospheric Science A	Semester 1, Semester 2	12.50	ATOC90005 Atmosphere Ocean Interaction and Climate	Semester 2	12.50	ATOC90006 Climate Analysis and Modelling	Not offered 2015	12.50
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	ATOC90007 Mesoscale Atmospheric Dynamics	Not offered 2015	12.50
	ATOC90008 Current Topics in Atmospheric Science B	Semester 1, Semester 2	12.50
	EVSC90018 Hydrogeology and the Environment	Semester 1	12.50
	GEOL90005 Hydrogeology/Environmental Geochemistry	Semester 1	12.50
	GEOL90006 Energy	Not offered 2015	12.50
	GEOL90007 Geochemistry and Geochronology	Semester 1	12.50
	GEOL90008 Digital Geoscience	Semester 1	12.50
	GEOL90009 Geophysics	Semester 1	12.50
	GEOL90010 Geoscience in the Field	Semester 1	12.50
	GEOL90011 Palaeontology and Biogeochemistry	Not offered 2015	12.50
	GEOL90012 Current Topics in Geology A	Semester 1	12.50
	GEOL90013 Current Topics in Geology B	Semester 2	12.50
	GEOL90014 Deposit Models & Mineral Exploration	Semester 1	12.50
	GEOL90015 The Geology of Ore Deposits	Semester 1	12.50
	GEOL90016 Surface Processes and Geodynamics	Semester 1	12.50
	GEOL90017 Structural Geology and Geodynamics	Semester 1	12.50
	GEOL90018 Mineralogy and Mineral Identification	Semester 2	12.50
	GEOL90020 Current Topics in Geology D	Semester 1, Semester 2	12.50
	GEOL90019 Current Topics in Geology C	Semester 1, Semester 2	12.50
	GEOL90021 Earth's Biogeochemical Cycles	Not offered 2015	12.5
Links to further information:	http://www.earthsci.unimelb.edu.au/honours/		
Notes:	Honours students are required to attend orientation sessions that commence approximately four weeks before the beginning of the undergraduate semester.		
Related Course(s):	Bachelor of Science (Degree with Honours)		