

Environmental Science

Year and Campus:	2009																											
Coordinator:	Michael Keough																											
Contact:	<p>Environments Student Centre Old Commerce Building The University of Melbourne VIC 3010 T:+61 3 8344 6417 F: +61 3 8344 5532 E: envs-courseadvice@unimelb.edu.au (mailto:envs-courseadvice@unimelb.edu.au)</p>																											
Overview:	<p>Impact on the Earth's environment arise from human activities, including land degradation and industrial pollution, as well as naturally occurring phenomena, such as earthquakes, cyclones and tsunamis. Environmental Science gives you the skills to identify and understand the causes or environmental problems triggered by human activity.</p> <p>Careers and Further Study</p> <p>A major in Environmental Science opens doors to laboratory, outdoor and indoor careers. Specialisations can include studies in hydrogeology, marine and terrestrial ecology, conservative biology and assessing and measuring environmental risk.</p> <p>The Environmental Science major also provides a pathway to the new Master of Science (Environmental Science) which will be launched in 2009. For more information on the Master of Science please visit the Melbourne Graduate School of Science web site :http://graduate.science.unimelb.edu.au (http://graduate.science.unimelb.edu.au)</p>																											
Objectives:	<p>By the end of a three year Bachelor of Environments degree with an Environmental Science major, you will have developed robust, scientifically sound and practical skills to find solutions to problems impacting on the Earth. For more information visit: www.benvs.unimelb.edu.au (http://www.benvs.unimelb.edu.au)</p>																											
Subject Options:	<p>Core subjects for the Environmental Science major Students completeing the Bachelor of Environments majoring in Environmental Science must complete the following core subjects totalling 25 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>600-303 Environmental Risk Assessment</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>600-301 Problem Solving in Environmental Science</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>Selective core subjects</p> <p>Students majoring in Environmental Science must complete a total of 87.5 points chosen from the list of selective subjects below. Students will need to meet prerequisites of subjects as specified in the 2009 handbook.</p> <p>Please note that additional subjects will be offered in 2010, including the following:</p> <ul style="list-style-type: none"> # Ecological Applications # Introduction to Imaging # Vegetation and Conservation <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>654-219 Ecology</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>620-298 Data Analysis 2</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>620-205 Probability for Statistics</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>620-202 Statistics</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>620-371 Linear Models</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	600-303 Environmental Risk Assessment	Semester 1	12.50	600-301 Problem Solving in Environmental Science	Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	654-219 Ecology	Semester 2	12.50	620-298 Data Analysis 2	Semester 1	12.50	620-205 Probability for Statistics	Semester 1	12.50	620-202 Statistics	Semester 2	12.50	620-371 Linear Models	Semester 1	12.50
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610-283 Reactions and Synthesis	Semester 1	12.50
610-282 Spectroscopic Methods of Analysis	Semester 2	12.50
625-223 Earth Surface Processes	Semester 2	12.50
625-307 Hydrogeology	Semester 1	12.50
610-360 Analytical & Environmental Chemistry	Semester 2	12.50
121-033 Environmental Hydrology	Not offered 2009	25.00
610-285 Structure and Properties	Semester 2	12.50
610-284 Practical Chemistry	Semester 2	12.50

Bachelor of Environments Electives

All Bachelor of Environments students must complete **37.5 credit points** of Bachelor of Environments Electives. For a complete listing of available subjects please see:

<http://www.benvs.unimelb.edu.au/electives> (<http://www.benvs.unimelb.edu.au/electives>)

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Breadth Subjects

Bachelor of Environments Students must complete **75 credit points** of subjects selected from those available as breadth for Bachelor of Environments students; including at least one subject at 300-level.

For a complete listing of available subjects please see:

<https://app.portal.unimelb.edu.au/CSCApplication/faces/htdocs/user/breadth/BreadthSearch.jsp> ([user/breadth/BreadthSearch.jsp](https://app.portal.unimelb.edu.au/CSCApplication/faces/htdocs/user/breadth/BreadthSearch.jsp))

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For more information on this major and to view a sample plan please visit:

<http://www.benvs.unimelb.edu.au/about/fields-of-study/environ-science.html> (<http://www.benvs.unimelb.edu.au/about/fields-of-study/environ-science.html>)

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Links to further information:	www.benvs.unimelb.edu.au
Related Course(s):	Bachelor of Environments