Environmental Science

Year and Campus:	2011
Coordinator:	Michael Keough
Contact:	**Eastern Precinct Student Centre** The Eastern Precinct (building 138) (between Doug McDonell building and Eastern Resource Centre) *Enquiries* Phone: 13 MELB (13 6352) Email: **13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au)**
Overview:	Impact on the Earth's environment arises 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. **Careers and Further Study** A major in Environmental Science opens doors to laboratory, outdoor and indoor careers. Specialisations can include studies in hydrogeology, marine and terrestrial ecology, conservation biology and assessing and measuring environmental risk. The Environmental Science major also provides a pathway to the new Master of Science (Environmental Science) which was 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/)**
Objectives:	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/)**
Structure & Available Subjects:	See details below.
Majors/Minors/ Specialisations	Course Planning for an Environmental Science major A major in Environmental Science in the Bachelor of Environments consists of: # 112.5 points (9 subjects) of Environmental Science subjects; # 25 points (2 subjects) of core first year subjects (Natural Environments and Reshaping Environments). This is in addition to elective subjects and breadth subjects to make up the 300 points required for the degree. Specific details of the Bachleor of Environments course structure can be found at: **https://handbook.unimelb.edu.au/view/2011/B-ENVS (../../view/2011/B-ENVS)** In order to complete a major in Environmnetal Science, you will undertake the following subjects:
Subject Options:	**1st year level subjects**

Subject	Study Period Commencement:	Credit Points:
ENVS10001 Natural Environments	Not offered 2011	12.50
ENVS10002 Reshaping Environments	Not offered 2011	12.50

2nd year level subjects

Subject	Study Period Commencement:	Credit Points:
ECOL20003 Ecology	Semester 2	12.50

3rd year level subjects

Subject	Study Period Commencement:	Credit Points:
EVSC30003 Environmental Risk Assessment	Semester 1	12.50
EVSC30002 Problem Solving in Environmental Science	Semester 2	12.50

AND 75 points (6 subjects) chosen from:

1st year level subjects

Subject	Study Period Commencement:	Credit Points:
CHEM10004 Chemistry 2	January, Semester 2	12.50

2nd year level subjects

Subject	Study Period Commencement:	Credit Points:
EVSC20001 Leaves to Landscape	Semester 1	12.50
MAST20006 Probability for Statistics	Semester 1	12.50
CHEM20018 Reactions and Synthesis	Semester 1	12.50
CHEM20011 Environmental Chemistry	Semester 1	12.50
GEOL20004 Field Mapping and Sedimentary Geology	June	12.50
CHEM20019 Practical Chemistry 2	Semester 2	12.50
MAST20005 Statistics	Semester 2	12.50
CHEM20020 Structure and Properties	Semester 2	12.50

3rd year level subjects

Subject	Study Period Commencement:	Credit Points:
CHEM30012 Analytical & Environmental Chemistry	Semester 2	12.50
ERTH30001 Hydrogeology and Environmental Geology	Not offered 2011	12.50
GEOM30009 Imaging the Environment	Not offered 2011	12.50
MAST30025 Linear Statistical Models	Semester 1	12.50
GEOG30022 Rivers: Hydrology and Ecology	Semester 1	12.50
ECOL30005 Applied Ecology	Semester 2	12.50
BOTA30004 Vegetation Management and Conservation	Semester 2	12.50

Bachelor of Environments elective subjects

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/breadth/elective-subjects.html (http://www.benvs.unimelb.edu.au/breadth/elective-subjects.html)

Breadth subjects

Bachelor of Environments students must complete between 50 and 75 credit points of subjects selected from those available as breadth for Bachelor of Environments students; with no more than 37.5 points at Level 1. For a complete listing of available subjects please click the 'Find breadth subjects' link on the **Handbook homepage (../..//)** and perform a search.

The breadth requirements for the Bachelor of Environments include the restriction of some subjects as breadth options, depending on a individual student's choice of major. Refer to the

Breadth Requirements for the Bachelor of Environments (http://breadth.unimelb.edu.au/breadth/info/Environments.html) for additional information.

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

http://www.benvs.unimelb.edu.au/current-students/course-info/environ-science.html (http://www.benvs.unimelb.edu.au/current-students/course-info/environ-science.html)