

Conservation, Restoration and Landscape Management

Year and Campus:	2011								
Coordinator:	Dr Graeme Coulson (Science)								
Contact:	gcoulson@unimelb.edu.au								
Overview:	<p>Conservation, Restoration and Landscape Management is offered as a major field of study in the Master of Environment degree.</p> <p>The natural resources that surround us are more than simple building blocks for society, but form part of delicately balanced and interdependent ecosystems.</p> <p>The University's conservation and landscape management expertise focuses on the conservation and restoration of ecosystems, with some exciting subjects also available in fauna and wildlife conservation.</p> <p>This is an appropriate major for government and industry professionals working in conservation and development who are looking to upgrade or link their skills to environmental management.</p> <p>Students who undertake this major often have prior work experience in life sciences, forestry, natural resource management, agriculture, parks and wildlife management, and environmental engineering.</p> <p>People with qualifications in policy, economics, and management will also benefit by developing skills in ecosystem management.</p> <p>Graduates can expect to find employment in regulatory agencies, local and state government authorities, environmental consulting companies, and industries with international interests in developing economies.</p>								
Objectives:	<p>Students who complete the Master of Environment will have:</p> <ul style="list-style-type: none"> • An advanced understanding of environmental issues • Advanced skills and techniques applicable to changing and managing the environment • An ability to evaluate and synthesise research and professional literature in the chosen stream or focus of study • An advanced understanding of the international context and sensitivities of environmental assessment <p>The graduate attributes for the Master of Environment are:</p> <ul style="list-style-type: none"> • Expertise in multidisciplinary understanding, analysis and research with an environmental focus • Collaborative approaches to environmental problem solving • Capacity to engage in critical social and sustainability questions <p>The Master of Environment generic skills are:</p> <ul style="list-style-type: none"> • Multidisciplinary and trans-disciplinary knowledge and research of environmental relevance • Collaborative environmental management skills • Capacity for independent learning across discipline boundaries 								
Structure & Available Subjects:	<p>Students will be required to complete the two core subjects, plus choose three subjects from the compulsory subject list and undertake electives to make up the balance of the award. The selection of electives is made in consultation with the Conservation, Restoration and Landscape Management major coordinator.</p> <p>For a current list of subjects offered in the Conservation, Restoration and Landscape Management major, please refer to the course information page at: http://www.oep.unimelb.edu.au/currentstudents/master_of_environment/specialist_paths_of_study/conservation_restoration_and_landscape_management (http://www.oep.unimelb.edu.au/currentstudents/master_of_environment/specialist_paths_of_study/conservation_restoration_and_landscape_management)</p>								
Subject Options:	<p>Core Subjects</p> <p>Students are required to complete the subjects:</p> <table border="1" data-bbox="387 1962 1485 2045"> <thead> <tr> <th data-bbox="387 1962 1074 2045">Subject</th> <th data-bbox="1074 1962 1348 2045">Study Period Commencement:</th> <th data-bbox="1348 1962 1485 2045">Credit Points:</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:			
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MULT90005 Trans-disciplinary Thinking & Learning	Not offered 2011	12.50
MULT90004 Sustainability Policy and Management	March	12.50

Compulsory Subjects

and choose 3 subjects from the list of:

Subject	Study Period Commencement:	Credit Points:
GEOG90002 Management of Australian Ecosystems	Not offered 2011	12.50
GEOG90003 Integrated River & Catchment Management	Semester 2	12.50
NRMT90002 Management of Plant and Animal Invasions	Semester 2	12.50
VETS90016 Wildlife Management	Semester 1	12.50
ECOL90001 Restoration Ecology	Not offered 2011	12.50
ECOL90002 Conservation Biology	Not offered 2011	12.50

Elective Subjects

plus undertake electives to make up the balance of the award. The recommended list of electives includes:

Subject	Study Period Commencement:	Credit Points:
ENST90002 Social Impact Assessment and Evaluation	Semester 2	12.50
EVSC90015 Environmental Impact Assessment	Semester 1	12.50
ANTH90001 Heritage and Cultural Environments	Semester 2	12.50
ENST90005 Environmental Policy	Semester 2	12.50
NRMT90004 Conservation Genetics	Not offered 2011	12.50
AGRI90066 Soil Science and Management	Not offered 2011	12.50
MAST40001 Research Philosophies and Statistics	Semester 1	12.50
ECON90016 Environmental Economics and Strategy	Semester 1	12.50
GEOM90008 Foundations of Spatial Information	Not offered 2011	12.50
EVSC90010 Environmental Risk Assessment	Semester 1	12.50
BOTA90005 Flora of Victoria	February	12.50
CHEM90007 Environmental Chemistry	Semester 1	12.50
MAST90007 Statistics for Research Workers	February, June	12.50
GEOL90005 Hydrogeology	Semester 1	12.50
BIOL90002 Biometry	July	12.50
LAWS70068 Environmental Law	September	12.50
ENST90006 Environmental Research Review	Semester 1, Semester 2	12.50
ENST90007 Environmental Research Topic	Semester 1, Semester 2	25
ENST90018 Environmental Research Topic	Semester 1, Semester 2	37.50
ENST90016 Environmental Research Project	Semester 1, Semester 2	50

	ENST70001 Environmental Research Proj (long) MYE	Semester 1, Semester 2	25
Links to further information:	http://www.environment.unimelb.edu.au/		
Notes:	Other subjects may be approved at the discretion of the coordinator.		
Related Course(s):	Master of Environment Master of Environment		