

Sustainable Forests

Year and Campus:	2010																																					
Coordinator:	Dr Chris Weston																																					
Contact:	weston@unimelb.edu.au																																					
Overview:	<p>Forest landscapes and ecosystems have a massive impact on all our lives as evidenced by the 2009 bush fires in Victoria. The Sustainable Forests stream looks at issues related to management of carbon, water, fire and biodiversity at landscape scales in relation to forests with a view to making them more sustainable. We study the challenges of fire management, the role of forests; In climate change management, environmental policy and timber and non-timber production.</p> <p>Study biological, economic, social and environmental factors that impact on forests; the development of forest and natural resource management enterprises both in Australia and internationally, and carbon sequestration and water resource management.</p> <p>You can expect to develop skills in forest ecosystem sciences; sustainable forest management; and the design, conduct and analysis of forestry research.</p> <p>Suitable for professionals and aspiring entrants to the forest and natural resource management sectors, we will prepare you for middle and upper management positions within the forest and natural resource management and provide a pathway to further study.</p>																																					
Objectives:	<p>Students who complete the Master of Environment will have:</p> <ul style="list-style-type: none"> # An advanced understanding of the ideas concerning 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 																																					
Structure & Available Subjects:	The subjects available are listed below.																																					
Subject Options:	<p>Core Subjects Students are required to complete the subjects:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MULT90005 Trans-disciplinary Thinking & Learning</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>MULT90004 Sustainability Policy and Management</td> <td>March</td> <td>12.50</td> </tr> </tbody> </table> <p>Compulsory Subjects and choose 3 subjects from the list of:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>FRST90015 Forest Ecosystems</td> <td>February</td> <td>12.50</td> </tr> <tr> <td>FRST90020 Silviculture & Forest Dynamics</td> <td>August</td> <td>12.50</td> </tr> <tr> <td>FRST90021 Sustainable Forest Management</td> <td>October</td> <td>12.50</td> </tr> <tr> <td>FRST90022 Forests and Water</td> <td>August</td> <td>12.50</td> </tr> <tr> <td>FRST90026 Bushfire & Biodiversity</td> <td>September</td> <td>12.50</td> </tr> <tr> <td>220-506 International Forest Policy</td> <td>Not offered 2010</td> <td>12.50</td> </tr> <tr> <td>FRST90032 Forests, Carbon and Climate Change</td> <td>June</td> <td>12.50</td> </tr> <tr> <td>FRST90034 Ecological Restoration</td> <td>July</td> <td>12.50</td> </tr> </tbody> </table>		Subject	Study Period Commencement:	Credit Points:	MULT90005 Trans-disciplinary Thinking & Learning	Semester 2	12.50	MULT90004 Sustainability Policy and Management	March	12.50	Subject	Study Period Commencement:	Credit Points:	FRST90015 Forest Ecosystems	February	12.50	FRST90020 Silviculture & Forest Dynamics	August	12.50	FRST90021 Sustainable Forest Management	October	12.50	FRST90022 Forests and Water	August	12.50	FRST90026 Bushfire & Biodiversity	September	12.50	220-506 International Forest Policy	Not offered 2010	12.50	FRST90032 Forests, Carbon and Climate Change	June	12.50	FRST90034 Ecological Restoration	July	12.50
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Elective Subjects

Students select electives to make up the balance of the award. The recommended list of electives includes:

Subject	Study Period Commencement:	Credit Points:
136-527 Environment and Knowledge	Not offered 2010	
207-508 Conservation Genetics	Not offered 2010	12.50
FRST90016 Trees in a Changing Climate	May	12.50
220-502 Bushfire & Climate	Not offered 2010	12.50
FRST90030 Forests in the Asia Pacific Region	November	12.50
FRST90031 Timber in the Built Environment	June	12.50
FRST90033 Farm Trees & Agroforestry	April	12.50
ECON90016 Environmental Economics and Strategy	Semester 1	12.50
CVEN90019 Sustainable Water Resources Systems	July	12.50
GEOM90008 Foundations of Spatial Information	Semester 1	12.50
EDUC90006 Environmental Education	Semester 1	12.50
EVSC90010 Environmental Risk Assessment	Semester 1	12.50
BOTA90005 Flora of Victoria	February	12.50
GEOL90005 Hydrogeology	Semester 1	12.50
ATOC90002 Climate Affairs	Semester 2	12.50
654-608 Conservation Biology	Not offered 2010	12.50
BIOL90002 Biometry	July	12.50
702-874 Investigation Program A (PG)	Not offered 2010	12.50
ABPL90009 Participation and Negotiation	July	12.50
LAWS70068 Environmental Law	September	12.50
LAWS70219 International Environmental Law	September	12.50

Links to further information:

<http://www.environment.unimelb.edu.au>

Notes:

Alternate subjects may be approved at the discretion of the coordinator.

Related Course(s):

Master of Environment
Master of Environment