

## FRST90021 Sustainable Forest Management

<b>Credit Points:</b>	12.5
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	2015, Creswick This subject commences in the following study period/s: July, Creswick - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 80 Total Time Commitment: 170 Hours
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. This course requires all students to enrol in subjects where they must actively and safely contribute to field excursions and laboratory activities. Students who feel their disability will impact on meeting this requirement are encouraged to discuss this matter with the Subject Coordinator and Disability Liaison <a href="http://services.unimelb.edu.au/disability/">http://services.unimelb.edu.au/disability/</a> students email: <a href="mailto:disability-liaison@unimelb.edu.au">disability-liaison@unimelb.edu.au</a>
<b>Coordinator:</b>	Dr Craig Nitschke
<b>Contact:</b>	<b>Graduate School of Science</b> <i>Enquiries</i> Phone: 13 MELB (13 6352) Email: <a href="mailto:13MELB@unimelb.edu.au">13MELB@unimelb.edu.au</a> ( <a href="mailto:13MELB@unimelb.edu.au">mailto:13MELB@unimelb.edu.au</a> ) <i>Coordinator</i> Dr Craig Nitschke <a href="mailto:craign@unimelb.edu.au">craign@unimelb.edu.au</a> ( <a href="mailto:craign@unimelb.edu.au">mailto:craign@unimelb.edu.au</a> )
<b>Subject Overview:</b>	Sustainable forest management involves the integration of a wide range of economic, environmental and social values into forest planning, management and conservation. This subject presents the basis for sustainable forest management, the policy framework governing forest management, the scientific basis of landscape ecology and tools and techniques for analysis, design of management practices in forest landscapes and processes for successful development and implementation of forest management plans.
<b>Learning Outcomes:</b>	At the completion of this subject students will have a sound understanding of: <ul style="list-style-type: none"> <li># Principles of forest management planning, sustainable land use and environmental management systems.</li> <li># The policy framework for forest management, including: international conventions, national and state forest management, biodiversity and sustainability policies and codes of forest practice</li> <li># Techniques in forest landscape management and planning, including; zoning of forest land uses; integration of multiple objectives such as biodiversity conservation, carbon, timber production and water supply; spatial modelling and analysis; management plan preparation, implementation and writing.</li> </ul>
<b>Assessment:</b>	Essay 50% - 2500 words due August 23, 2015. Sustainable Forest Management Plan 50% - 3000 words due September 18, 2015. Practical work – conductance and completion of landscape modelling and GIS analysis of model data for management plan (not an assessment task but critical to completion of SFM Plan Assessment) due in 2nd week of course.

<b>Prescribed Texts:</b>	None
<b>Recommended Texts:</b>	# I.S. Ferguson, <i>Sustainable Forest Management</i> # J. Bissonette, L. Storch, <i>Landscape Ecology and Resource Management: Linking Theory with Practice</i>
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Links to further information:</b>	<a href="http://graduate.science.unimelb.edu.au/bushfire-planning-management">http://graduate.science.unimelb.edu.au/bushfire-planning-management</a>
<b>Related Course(s):</b>	Graduate Certificate in Forest Systems Management Graduate Diploma in Forest Systems Management Master of Forest Ecosystem Science
<b>Related Majors/Minors/ Specialisations:</b>	Environmental Science Environmental Science Sustainable Forests Sustainable Forests Tailored Specialisation Tailored Specialisation