

## FRST90033 Farm Trees & Agroforestry

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	This subject is not offered in 2014. Intensive teaching, Creswick, Burnley and in the field.
<b>Time Commitment:</b>	Contact Hours: 24 hours lectures and 24 hours practical work, delivered in a two-week intensive teaching block. Total Time Commitment: 120 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>	Attendance of at least 80% of the lectures and field trips; unless alternative arrangements are made. For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a>
<b>Contact:</b>	<p><b>Melbourne School of Land &amp; Environment Student Centre</b> Ground Floor, Melbourne School of Land &amp; Environment (building 142)</p> <p><i>Enquiries</i> Phone: 13 MELB (13 6352) Email: <a href="mailto:13MELB@unimelb.edu.au">13MELB@unimelb.edu.au</a> (mailto:13MELB@unimelb.edu.au)</p>
<b>Subject Overview:</b>	This subject covers the principles and practices of integrating trees into the rural agricultural landscape for both conservation and profit. The farming community require trees and shrubs for shade and shelter, soil conservation, salinity control and aesthetics. Farmers can also produce commercial tree products such as timber, fuel, fodder, essential oils and food. Because farmers manage the majority of the Australian landscape governments, community groups and industry are increasingly working in partnership with them to grow trees for environmental services including carbon sequestration, biodiversity and downstream water quality.
<b>Learning Outcomes:</b>	<p>By the end of the subject students should:</p> <ul style="list-style-type: none"> <li># Have a working knowledge of farm planning and agroforestry diagnosis and design as tools for developing farm re-vegetation plans;</li> <li># Have an understanding of the role of trees in providing for landowner, community and industry needs and aspirations;</li> <li># Be able to develop technical design criteria for effective re-vegetation for resource conservation, agricultural production and commercial purposes;</li> <li># Be able to measure and monitor the growth, productivity and environmental impact of forests on farms;</li> <li># Be familiar with extension and development approaches for promotion of re-vegetation and forest management on farms;</li> <li># Have an understanding of multipurpose tree research methodologies and economic evaluation; and,</li> <li># Recognise the potential for trees on farms, both in Australia and overseas, to contribute to international development goals such as poverty elimination, human health, environmental protection and mitigating climate change.</li> </ul>
<b>Assessment:</b>	Exam 40%, two assignments (totalling 2000 words) 60%

<b>Prescribed Texts:</b>	None
<b>Recommended Texts:</b>	Agroforestry for Natural Resource Management, Nuberg, George and Reid 2009. CSIRO Publishing
<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://www.land-environment.unimelb.edu.au/future-students/grad/forest-ecosystem-science.html">http://www.land-environment.unimelb.edu.au/future-students/grad/forest-ecosystem-science.html</a>
<b>Related Course(s):</b>	Graduate Diploma in Urban Horticulture Master of Agricultural Science Master of Forest Ecosystem Science Master of Urban Horticulture Postgraduate Diploma in Agricultural Science
<b>Related Majors/Minors/Specialisations:</b>	Bachelor of Environments (Honours) Landscape Management Conservation and Restoration Conservation and Restoration