220-414 Silviculture & Forest Dynamics

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: August, - Taught on campus. Intensive
Time Commitment:	Contact Hours: Twenty-four hours of lectures and thirty-six hours of practical/field excursions delivered in a 2 week teaching block. Students are expected to undertake additional study of at least one hour for each hour of contact. Total Time Commitment: 120 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. 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. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability
Coordinator:	Dr Peter Kevin Ades, Mr Mark Stewart
Subject Overview:	This subject presents the science of growth and development of trees and stands as it affects the production of different forest goods and environmental services. The subject covers the principles and practices of forest establishment and regeneration and the management of different forest types and plantations for a range of objectives such as water, wildlife habitat or timber production.
Objectives:	On completion of this subject, students should have an advanced understanding of: # the dynamics and growth of forests and different stages of stand development. # the effects of site, climatic and soil factors and interactions among species on forest stand development and productivity # the design of silvicultural management practices for specific situations and products using modern modelling tools.
Assessment:	One major report (3500 words, 60%) and a practical work book (2500 words, 40%).
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Links to further information:	http://www.forests.unimelb.edu.au/subjects.html
Related Course(s):	Master of Forest Ecosystem Science