

EVSC20003 Forests in a Global Context

Credit Points:	12.5
Level:	2 (Undergraduate)
Dates & Locations:	2015, Parkville This subject commences in the following study period/s: September, Parkville - Taught on campus. This subject is taught intensively, and includes a one-day field trip on Thursday 1 October.
Time Commitment:	Contact Hours: 24 hrs lectures and 30 hrs tutorials and discussion, including a one-day field trip. Total Time Commitment: 170 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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 http://services.unimelb.edu.au/disability/ students email: disability-liaison@unimelb.edu.au
Coordinator:	Dr Christopher Weston, Dr Peter Ades
Contact:	Faculty of Science <i>Enquiries</i> Phone: 13 MELB (13 6352) Email: 13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au) <i>Coordinators</i> Dr Peter Ades petera@unimelb.edu.au (mailto:petera@unimelb.edu.au) Dr Chris Weston weston@unimelb.edu.au (mailto:weston@unimelb.edu.au)
Subject Overview:	Forests cover 30% of the earth's land surface. They provide basic sustenance for an estimated 1.6 billion people, store a large proportion of the world's biodiversity and provide raw material for a widely traded and used commodity and ecosystem services such as clean water, carbon sequestration and soil protection. Forests are also a major source of creative and artistic inspiration. Sustainable management and use of the world's forests will be a critical component of a sustainable future for the human beings. This subject introduces the world's forests from social, historical, environmental and economic perspectives. It will describe the evolutionary development of forests, classification of forest types, factors determining forest distribution, how people have interacted with forests during human history and the many values and benefits of the forest including forest products and trade and environmental services, aesthetic functions and forests in literature and art. Impacts of global change, policies for sustainable forest management, the role of plantations and the use of forest products in architecture and construction.
Learning Outcomes:	# To introduce forests from different scientific, cultural, historic, economic and geographic perspectives # To develop an understanding of global economic, social and environmental and political systems using forests as a integrating theme
Assessment:	100% of assessment is based on answers to six questions, each of equal value, and answers should total approximately 4000 words. One question will be posed each day of teaching

	and answers must be submitted on-line by the end of the week after the subject is delivered. Attendance and participation in the field day is a hurdle requirement.
Prescribed Texts:	Sands, R. 2013. Forestry in a global context. 2nd edition CABI Publishing
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2015/B-ARTS) # Bachelor of Biomedicine (https://handbook.unimelb.edu.au/view/2015/B-BMED) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2015/B-COM) # Bachelor of Environments (https://handbook.unimelb.edu.au/view/2015/B-ENVS) # Bachelor of Music (https://handbook.unimelb.edu.au/view/2015/B-MUS) # Bachelor of Science (https://handbook.unimelb.edu.au/view/2015/B-SCI) # Bachelor of Engineering (https://handbook.unimelb.edu.au/view/2015/B-ENG) <p>You should visit learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<ul style="list-style-type: none"> # Develop critical thinking skills # Develop on-line study and investigation skills # Good report writing skills
Links to further information:	http://graduate.science.unimelb.edu.au/master-of-forest-ecosystem-science
Related Course(s):	U21 Diploma in Global Issues
Related Majors/Minors/Specialisations:	Botany Botany Physical Geography Physical Geography
Related Breadth Track(s):	Forests and Fire