BOTA30004 Vegetation Management and Conservation

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus. Lectures, pracitical work and fieldwork
Time Commitment:	Contact Hours: 1 x one hour lecture per week; 48 hours fieldwork and practical work (4 hours per week) Total Time Commitment: Estimated total time commitment of 120 hours
Prerequisites:	50 points of second year level subjects in a relevant discipline.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering applications for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005) and Students Experiencing Academic Disadvantage Policy, this subject requires all students to actively and safely participate in practical work and fieldwork activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the Subject Coordinator and the Disability Liaison Unit. http://www.services.unimelb.edu.au/disability/
Coordinator:	Dr Peter Vesk
Contact:	School of Botany **botany-enquiries@unimelb.edu.au (mailto:%20botany-enquiries@unimelb.edu.au)**
Subject Overview:	This subject provides a detailed knowledge of vegetation structure and natural values of Victorian plant communities and their assessment, including environmental limiting factors, threats due to land use, development and fragmentation, and management issues related to environmental impact assessment and conservation of native vegetation. The subject will be based around short excursions to examine different vegetation types in the Melbourne region, and a series of special lectures by scientists, managers and consultants from both the government and private sectors. Topics will include: # ecology and natural history of Victorian plant communities; # environmental impacts and vegetation assessment; # conservation and management issues (e.g. revegetation, rare species, faunal habitat, weed invasions); # biodiversity legislation and government agencies; # consulting services and client focus.
Objectives:	At the completion of the subject students should be able to: # determine the structure, composition and significance of Victorian native plant communities; # develop an vegetation assessment and management plan; # understand the legislative requirements and governmental structure for managing native vegetation in Victoria.

Assessment:	Four written reports on practical work due during the semester (70% total) - these reports may vary in size (between 500 and 2000 words) and comparative weighting; a take home assignment of up to 2000 words plus supporting data as appendices (e.g. maps. species lists/ data sheets, etc) in the examination period (30%).
Prescribed Texts:	None
Breadth Options:	This subject potentially can be taken as a breadth subject component for the following courses: # **Bachelor of Arts (https://handbook.unimelb.edu.au/view/2012/B-ARTS)** # **Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2012/B-COM)** # **Bachelor of Environments (https://handbook.unimelb.edu.au/view/2012/B-ENVS)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2012/B-MUS)** 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.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Notes:	This subject is available for science credit to students enrolled in the BSc (both pre-2008 and new degrees), BASc or a combined BSc course.
Related Course(s):	Graduate Certificate in Landscape Architecture
Related Majors/Minors/ Specialisations:	Botany (pre-2008 Bachelor of Science) Ecology (pre-2008 Bachelor of Science) Ecology and Evolutionary Biology Environmental Science Environmental Science major Environments Discipline subjects Landscape Management major Plant Science Science credit subjects* for pre-2008 BSc, BASc and combined degree science courses Science-credited subjects - new generation B-SCI and B-ENG. Core selective subjects for B-BMED.