BOTA30006 Field Botany

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: January, Parkville - Taught on campus. Lectures, practical work and fieldwork
Time Commitment:	Contact Hours: This subject is offered full-time over the first two weeks of February. Total contact is 62 hours, comprising 36 hours fieldwork (one 7-day excursion), 8 hours lectures, 18 hours practical work Total Time Commitment: Estimated total time commitment of 120 hours
Prerequisites:	One of # **606-201 Plant Biodiversity (/view/2010/606-201)** # **606-207 Flora of Victoria (/view/2010/606-207)** # 606-204 Ecology: Communities and Ecosystems (prior to 2009)
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 steps will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact upon their active and safe participation in a subject are encouraged to discuss this with the relevant subject coordinator and the Disability Liaison Unit.
Coordinator:	Dr Andrew Drinnan
Contact:	School of Botany
Subject Overview:	This subject is structured around the fieldwork excursion in early February and covers the basic skills that are required to undertake a field-based botanical activity such as a flora survey or an environmental impact assessment, or to proceed to research in a field-based botanical discipline. Topics to be covered include: # taxonomy of the Australian flora; # field identification of major families and genera of plants; # collection and preservation of plant specimens; mounting and cataloguing specimens; curatorial skills; nomenclature; # techniques for description and classification of vegetation; structural types, floristic associations, measures of abundance (cover, density, basal area, biomass), sampling techniques (quadrats, line transects, plotless methods), sampling scale and species-area relationships, profile diagrams, life-form spectra; # soils; and # vegetation mapping.
Objectives:	At the end of this subject, students should have the skills for: # identification, description and quantification of plants and plant communities in the field; # collection, cataloguing and preserving plant specimens; and

	# constructing a vegetation map.
Assessment:	A written report of a maximum of 2000 words due at the end of the semester (40%); curated collection of up to 20 plants due at the end of the subject (20%); assessment of field activities during the subject (20%); a 2-hour practical examination in the summer semester examination period (20%).
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/2010/B-ARTS)** # **Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2010/B-COM)** # **Bachelor of Environments (https://handbook.unimelb.edu.au/view/2010/B-ENVS)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2010/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):	Bachelor of Science
Related Majors/Minors/ Specialisations:	Botany Conservation and Australian Wildlife Ecology and Evolutionary Biology Plant Science Wildlife and Conservation