

BOTA30006 Field Botany

Credit Points:	12.5									
Level:	3 (Undergraduate)									
Dates & Locations:	<p>2016, Parkville</p> <p>This subject commences in the following study period/s: January, Parkville - Taught on campus.</p> <p>An enrolment quota of 36 students applies to this subject. For detailed information on the quota subject application process, enrolment deadlines and selection preferences, refer to the Faculty of Science website: http://science.unimelb.edu.au/students/course-planning-and-advice Students undertake field trip experiences that will require them to be physically capable of undertaking outdoor field work in remote locations.</p>									
Time Commitment:	<p>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 170 hours</p>									
Prerequisites:	<p>One of</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BOTA20002 Plant Biodiversity</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>BOTA20004 Flora of Victoria</td> <td>February</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	BOTA20002 Plant Biodiversity	Semester 2	12.50	BOTA20004 Flora of Victoria	February	12.50
Subject	Study Period Commencement:	Credit Points:								
BOTA20002 Plant Biodiversity	Semester 2	12.50								
BOTA20004 Flora of Victoria	February	12.50								
Corequisites:	None									
Recommended Background Knowledge:	None									
Non Allowed Subjects:	None									
Core Participation Requirements:	<p><p>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.</p> <p>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</p></p>									
Coordinator:	Dr Andrew Drinnan									
Contact:	a.drinnan@unimelb.edu.au (mailto:a.drinnan@unimelb.edu.au)									
Subject Overview:	<p>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:</p> <ul style="list-style-type: none"> # 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 									

	<p>techniques (quadrats, line transects, plotless methods), sampling scale and species-area relationships, profile diagrams, life-form spectra;</p> <p># soils; and</p> <p># vegetation mapping.</p>
Learning Outcomes:	<p>At the end of this subject, students should have the skills for:</p> <p># identification, description and quantification of plants and plant communities in the field;</p> <p># collection, cataloguing and preserving plant specimens; and</p> <p># constructing a vegetation map.</p>
Assessment:	<p>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%).</p>
Prescribed Texts:	None
Breadth Options:	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <p># Bachelor of Arts (https://handbook.unimelb.edu.au/view/2016/B-ARTS)</p> <p># Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2016/B-COM)</p> <p># Bachelor of Environments (https://handbook.unimelb.edu.au/view/2016/B-ENVS)</p> <p># Bachelor of Music (https://handbook.unimelb.edu.au/view/2016/B-MUS)</p> <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
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 Majors/Minors/Specialisations:	<p>Botany</p> <p>Botany</p> <p>Botany</p> <p>Botany</p> <p>Botany (pre-2008 Bachelor of Science)</p> <p>Ecology and Evolutionary Biology</p> <p>Forest Science</p> <p>Plant Science</p> <p>Science-credited subjects - new generation B-SCI and B-ENG.</p> <p>Selective subjects for B-BMED</p>