

BOTA20002 Plant Biodiversity

Credit Points:	12.50
Level:	2 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 2 x one hour lectures per week, 1 x three hour practical class per week. Total Time Commitment: Estimated total time commitment of 120 hours
Prerequisites:	650-141 Biology of Cells and Organisms (/view/2010/650-141) Plus one of # 650-142 Genetics & the Evolution of Life (/view/2010/650-142) # 650-111 Biology of Australian Flora & Fauna (/view/2010/650-111)
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 introduces the major groups of land plants from liverworts to angiosperms, concentrating on their structure, biology, systematic relationships and evolution. Topics covered include: # evolution, relationships and classification of land plants; # major groups of land plants, liverworts, mosses, ferns and seed plants; their structure, biology and fossil record; and # major families of flowering plants, including Australian flora, their characteristics and identification.
Objectives:	After completion of the lecture, practical and field components of this subject, students should appreciate: # the variety and classification of land plants; # skills in plant identification; use of modern identification tools including computer-interactive keys; and # the concepts of modern phylogenetic analysis as bases for framing evolutionary hypotheses within and between major plant groups.
Assessment:	Two 1-hour practical tests during semester, one midsemester and one at the end of the semester (10% each); written reports on practical work due during the semester (20%); a 3-hour written examination in the examination period (60%).

Prescribed Texts:	None
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/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) <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 Course(s):	Bachelor of Science