BOTA20002 Plant Biodiversity

Credit Points:	12.50
Level:	2 (Undergraduate)
Dates & Locations:	2011, 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:	Completion of

Subject	Study Period Commencement:	Credit Points:
BIOL10004 Biology of Cells and Organisms	Semester 1	12.50

Plus one of

Subject	Study Period Commencement:	Credit Points:
BIOL10005 Genetics & The Evolution of Life	Semester 2	12.50
BIOL10001 Biology of Australian Flora & Fauna	Semester 2	12.50

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 class 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 Andrew Drinnan
Contact:	School of Botany **botany-enquiries@unimelb.edu.au (mailto:%20botany-enquiries@unimelb.edu.au)**
Subject Overview:	This subject introduces the major groups of land plants from liverworts to angiosperms and fungi, 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; # major families of flowering plants, including Australian flora, their characteristics and identification; # major groups of fungi and their biology.
Objectives:	After completion of the lecture and practical components of this subject, students should appreciate:

	# the variety and classification of land plants and fungi; # skills in plant identification; use of modern identification tools including computer-interactive keys; and # the concepts of modern phylogenetics 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:	This subject potentially can be taken as a breadth subject component for the following courses: # **Bachelor of Arts (https://handbook.unimelb.edu.au/view/2011/B-ARTS)** # **Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2011/B-COM)** # **Bachelor of Environments (https://handbook.unimelb.edu.au/view/2011/B-ENVS)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2011/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:	Science credit subjects* for pre-2008 BSc, BASc and combined degree science courses
Related Breadth Track(s):	Australian flora