

606-202 Plant Biodiversity

Credit Points:	12.500
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 24 lectures (two per week) and 36 hours practical work (one 3-hour practical class per week) Total Time Commitment: 120 hours
Prerequisites:	Biology 650-141 and 650-142 (prior to 2004: 600-141 and 600-142).
Corequisites:	None
Recommended Background Knowledge:	Botany 606-201 is recommended.
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 A Drinnan; Dr R Willis
Subject Overview:	<p>This subject introduces the major groups of land plants from liverworts to angiosperms, concentrating on their structure, biology and systematic relationships and evolution. Topics covered include:</p> <ul style="list-style-type: none"> # 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. <p>After completion of the lecture, practical and field components of this subject, students should appreciate:</p> <ul style="list-style-type: none"> # 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 (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 is a level 2 or level 3 subject and is not available to new generation degree students as a breadth option in 2008.</p> <p>This subject or an equivalent will be available as breadth in the future.</p> <p>Breadth subjects are currently being developed and these existing subject details can be used as guide to the type of options that might be available.</p> <p>2009 subjects to be offered as breadth will be finalised before re-enrolment for 2009 starts in early October.</p>

Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Notes:	Students enrolled in the BSc (pre-2008 BSc), BAsC or a combined BSc course will receive science credit for the completion of this subject.