

606-202 Plant Biodiversity

Credit Points:	12.50
Level:	2 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - Taught on campus. Lectures and practical classes.
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 total time commitment.
Prerequisites:	<i>Biology of Cells and Organisms</i> and <i>Genetics and the Evolution of Life</i>
Corequisites:	None
Recommended Background Knowledge:	<i>Plants and the Environment</i> 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 Andrew Drinnan
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: <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.
Objectives:	After completion of the lecture, practical and field components of this subject, students should appreciate: <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:	This subject potentially can be taken as a breadth subject component for the following courses: <ul style="list-style-type: none"> # Bachelor of Arts (https://handbook.unimelb.edu.au/view/2009/D09) # Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2009/F04)

	<p># Bachelor of Environments (https://handbook.unimelb.edu.au/view/2009/A04)</p> <p># Bachelor of Music (https://handbook.unimelb.edu.au/view/2009/M05)</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:	Students enrolled in the BSc (both pre-2008 and new degrees), BASc or a combined BSc course will receive science credit for the completion of this subject.