

## 606-310 Field Botany

<b>Credit Points:</b>	12.50
<b>Level:</b>	3 (Undergraduate)
<b>Dates &amp; Locations:</b>	2009, This subject commences in the following study period/s: January, - Taught on campus. Lectures, practical work and fieldwork
<b>Time Commitment:</b>	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: 120 hours total time commitment.
<b>Prerequisites:</b>	<i>Plant Biodiversity</i> or <i>Flora of Victoria</i> or 606-204 (prior to 2009)
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	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.
<b>Coordinator:</b>	Dr Andrew Drinnan
<b>Subject Overview:</b>	<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"> <li># taxonomy of the Australian flora;</li> <li># field identification of major families and genera of plants;</li> <li># collection and preservation of plant specimens; mounting and cataloguing specimens; curatorial skills; nomenclature;</li> <li># techniques for description and classification of vegetation; structural types, floristic associations, measures of abundance (cover, density, basal area, biomass), sampling techniques (quadrats, line transects, plotless methods), sampling scale and species-area relationships, profile diagrams, life-form spectra;</li> <li># soils; and</li> <li># vegetation mapping.</li> </ul>
<b>Objectives:</b>	<p>At the end of this subject, students should have the skills for:</p> <ul style="list-style-type: none"> <li># identification, description and quantification of plants and plant communities in the field;</li> <li># collection, cataloguing and preserving plant specimens; and</li> <li># constructing a vegetation map.</li> </ul>
<b>Assessment:</b>	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%).
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	<p>This subject potentially can be taken as a breadth subject component for the following courses:</p> <ul style="list-style-type: none"> <li># <b>Bachelor of Arts</b> (<a href="https://handbook.unimelb.edu.au/view/2009/D09">https://handbook.unimelb.edu.au/view/2009/D09</a>)</li> <li># <b>Bachelor of Commerce</b> (<a href="https://handbook.unimelb.edu.au/view/2009/F04">https://handbook.unimelb.edu.au/view/2009/F04</a>)</li> <li># <b>Bachelor of Environments</b> (<a href="https://handbook.unimelb.edu.au/view/2009/A04">https://handbook.unimelb.edu.au/view/2009/A04</a>)</li> <li># <b>Bachelor of Music</b> (<a href="https://handbook.unimelb.edu.au/view/2009/M05">https://handbook.unimelb.edu.au/view/2009/M05</a>)</li> </ul> <p>You should visit <b>learn more about breadth subjects</b> (<a href="http://breadth.unimelb.edu.au/breadth/info/index.html">http://breadth.unimelb.edu.au/breadth/info/index.html</a>) and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.</p>
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Notes:</b>	<p>Students enrolled in the BSc (pre-2008 BSc), BASc or a combined BSc course will receive science credit for the completion of this subject.</p> <p>An enrolment quota of 36 students applies to this subject this year.</p>
<b>Related Majors/Minors/Specialisations:</b>	<p>Botany Conservation and Australian Wildlife</p>