

## BOTA20004 Flora of Victoria

<b>Credit Points:</b>	12.50																		
<b>Level:</b>	2 (Undergraduate)																		
<b>Dates &amp; Locations:</b>	2012, Parkville This subject commences in the following study period/s: February, Parkville - Taught on campus.																		
<b>Time Commitment:</b>	Contact Hours: 21 hours of lectures and 33 hours of practical work, including excursions full-time over two weeks in early February Total Time Commitment: Estimated total time commitment of 120 hours																		
<b>Prerequisites:</b>	One of <table border="1" data-bbox="387 602 1485 976"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BIOL10001 Biology of Australian Flora &amp; Fauna</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>BIOL10004 Biology of Cells and Organisms</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>BIOL10005 Genetics &amp; The Evolution of Life</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>BIOL10002 Biomolecules and Cells</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>BIOL10003 Genes and Environment</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	BIOL10001 Biology of Australian Flora & Fauna	Semester 2	12.50	BIOL10004 Biology of Cells and Organisms	Semester 1	12.50	BIOL10005 Genetics & The Evolution of Life	Semester 2	12.50	BIOL10002 Biomolecules and Cells	Semester 1	12.50	BIOL10003 Genes and Environment	Semester 2	12.50
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<b>Corequisites:</b>	None																		
<b>Recommended Background Knowledge:</b>	None																		
<b>Non Allowed Subjects:</b>	None																		
<b>Core Participation Requirements:</b>	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 work and excursion 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. <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a>																		
<b>Coordinator:</b>	Dr Mike Bayly																		
<b>Contact:</b>	School of Botany <b><a href="mailto:botany-enquiries@unimelb.edu.au">botany-enquiries@unimelb.edu.au</a> (mailto:%20botany-enquiries@unimelb.edu.au)</b>																		
<b>Subject Overview:</b>	This subject is designed for students wishing to take a summer course, and who are interested in the biology of native plants and plant communities and environments in Victoria. It is suited to students studying environmental science or environmental studies. Topics covered include: # biogeographic regions of Victoria: climate, landforms, geology, soils and vegetation types; # biology of Victorian plants: intraspecific variation and adaptation to local conditions, ecotypes and clines, mallee plants, coastal plants, alpine plants; # conservation and threats to the Victorian flora: weeds, diseases, pests, fire, extinctions.																		
<b>Objectives:</b>	At the completion of this subject, students should: # have an understanding of the biogeography and biology of the Victorian flora;																		

	<p># develop skills in identification of Victoria's plants; and</p> <p># appreciate the evolutionary history of, conservation value of and threats to Victoria's ecosystems.</p>
<b>Assessment:</b>	Written assignments of 1500 words total due during the subject (10%); project practical work of 6 pages due at the start of Semester 1 (25%); a 2-hour written examination in the summer semester examination period (65%).
<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/2012/B-ARTS">https://handbook.unimelb.edu.au/view/2012/B-ARTS</a>)</li> <li># <b>Bachelor of Commerce</b> (<a href="https://handbook.unimelb.edu.au/view/2012/B-COM">https://handbook.unimelb.edu.au/view/2012/B-COM</a>)</li> <li># <b>Bachelor of Environments</b> (<a href="https://handbook.unimelb.edu.au/view/2012/B-ENVS">https://handbook.unimelb.edu.au/view/2012/B-ENVS</a>)</li> <li># <b>Bachelor of Music</b> (<a href="https://handbook.unimelb.edu.au/view/2012/B-MUS">https://handbook.unimelb.edu.au/view/2012/B-MUS</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>	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.
<b>Related Majors/Minors/Specialisations:</b>	<p>Biology and Botany</p> <p>Science credit subjects* for pre-2008 BSc, BAsC and combined degree science courses</p> <p>Science-credited subjects - new generation B-SCI and B-ENG. Core selective subjects for B-BMED.</p>
<b>Related Breadth Track(s):</b>	Australian flora