

Botany

Year and Campus:	2013																								
Coordinator:	Assoc Prof Ed Newbiggin																								
Contact:	Email: edwardjn@unimelb.edu.au (mailto:edwardjn@unimelb.edu.au)																								
Overview:	The coursework and research components of this Postgraduate Diploma enable students to further their knowledge in areas of cellular and molecular biology, systematics and evolution, plant ecology and physiology, and plant pathology.																								
Objectives:	The program in Botany aims to provide students with skills in original research in plant science and help students develop a capacity for critical thinking and evaluation of information. The course also strives to instil in students a knowledge of a wide area of plant sciences, and to enhance their communication skills.																								
Structure & Available Subjects:	Research Project (75 points); Coursework (25 points); OR Coursework (100 points).																								
Subject Options:	<p>Coursework/Research Option</p> <p>COURSEWORK SUBJECTS</p> <p>Students must enrol in two coursework subjects from the list below in consultation with the Course Coordinator:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BIOL90001 Microscopy for Biological Sciences</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>EVSC90017 Global Environmental Change</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>BOTA90005 Flora of Victoria</td> <td>February</td> <td>12.50</td> </tr> <tr> <td>SCIE90002 Metabolomics and Proteomics</td> <td>Not offered 2013</td> <td>12.50</td> </tr> </tbody> </table> <p>OR one third-year Botany subject for which credit has not already been given;</p> <p>OR an alternative postgraduate coursework elective may be chosen if core knowledge is required.</p> <p>-</p> <p>RESEARCH PROJECT</p> <p>Over the course of the year students will undertake an original, supervised research project. Students will be expected to obtain agreement from a supervisor willing to supervise the research project as a condition of selection into the program. The research component assessment includes a literature review, a thesis and a seminar.</p> <p>Students enrol in a total of 75 points of research project across the duration of the Postgraduate Diploma in Science program. This is achieved by enrolling in a combination of the following subjects in appropriate semesters to achieve a total 75 credit points.</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BOTA40001 Botany Research Project</td> <td>Not offered 2013</td> <td>37.50</td> </tr> <tr> <td>BOTA40006 Botany Research Project</td> <td>Not offered 2013</td> <td>25</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	BIOL90001 Microscopy for Biological Sciences	Not offered 2013	12.50	EVSC90017 Global Environmental Change	Not offered 2013	12.50	BOTA90005 Flora of Victoria	February	12.50	SCIE90002 Metabolomics and Proteomics	Not offered 2013	12.50	Subject	Study Period Commencement:	Credit Points:	BOTA40001 Botany Research Project	Not offered 2013	37.50	BOTA40006 Botany Research Project	Not offered 2013	25
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Links to further information:	<p>Coursework only option</p> <p>Students must enrol in eight 12.5 point subjects available through:</p> <p>Master of Biotechnology https://handbook.unimelb.edu.au/view/2013/MC-SCIBIT (../view/2012/MC-SCIBIT) ;</p> <p>The Office for Environmental Programs http://environment.unimelb.edu.au/ (http://environment.unimelb.edu.au/) ; and</p> <p>Master of Forest Ecosystem Science https://handbook.unimelb.edu.au/view/2013/MC-FRSTES (../view/2012/MC-FRSTES) .</p> <p>Subjects will be selected in consultation with the coordinator of the School's Masters program.</p> <p>*Where appropriate, a student may complete up to two 300 level subjects</p>		
Notes:	This program has a start-year and a mid-year intake.		
Related Course(s):	Postgraduate Diploma in Science		