

290AA Postgraduate Diploma in Science

Year and Campus:	2012 - Parkville
CRICOS Code:	023188D
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Graduate/Postgraduate
Duration & Credit Points:	100 credit points taken over 12 months full time. This course is available as full or part time.
Coordinator:	Melbourne Graduate School of Science
Contact:	<p>Melbourne Graduate School of Science Faculty of Science The University of Melbourne Victoria 3010</p> <p>Tel: + 61 3 8344 6128 Fax: +61 3 8344 3351</p> <p>Web: http://graduate.science.unimelb.edu.au/ (http://graduate.science.unimelb.edu.au/)</p>
Course Overview:	<p>The Faculty of Science offers the Postgraduate Diploma in Science program through a number of departments.</p> <p>When a program includes a research project students who successfully complete the Postgraduate Diploma in Science with an H2A (75%) average are eligible to apply for Master of Philosophy or Doctor of Philosophy candidature. Where a coursework only option is chosen students are not eligible to apply for Master of Philosophy or Doctor of Philosophy candidature.</p> <p>Areas of Study: Anatomy and Cell Biology, Botany, Chemistry, Computer Science, Earth Sciences, Genetics, History and Philosophy of Science, Mathematics and Statistics, Microbiology and Immunology, Otolaryngology, Pathology, Physics, Physiology, Vision Science and Zoology.</p>
Objectives:	<p>Postgraduate Diploma programs are designed to:</p> <ul style="list-style-type: none"> # enable the acquisition of research skills (for example, laboratory techniques and data collection and analysis); # engage students in research, under supervision; # increase students' knowledge and understanding of the relevant discipline and awareness of current developments and issues relating to the discipline; # develop independent and critical thinking; and # improve oral and written communication skills.
Course Structure & Available Subjects:	<p>The Postgraduate Diploma in Science course requires the completion of 100 points (100 points = one year of full-time study).</p> <p>Coursework and Research</p> <p>The 100 points comprises two components:</p> <ul style="list-style-type: none"> # a coursework component (sometimes requiring the completion of up to 25 points of later-year, normally third-year, undergraduate subjects); and # a minor thesis research project component (normally 10 000 - 12 000 words). <p>The weight of each component varies between departments.</p> <p>To be eligible for the award of the Postgraduate Diploma in Science, students must successfully complete both the research and the coursework components of the course.</p> <p>Coursework</p> <p>Students have the option to complete the Postgraduate Diploma in Science by coursework alone (100 point coursework option) in areas of study: Botany, Mathematics and Statistics, Physics.</p>

	<p>Students also have the option to use the Postgraduate Diploma in Science by coursework in Botany, Mathematics and Statistics or Physics as an early exit point from the relevant Master of Science stream— i.e. Master of Science in Botany, Mathematics and Statistics, or Physics – where appropriate and subject to the approval of the stream Coordinator.</p>																			
<p>Majors/Minors/ Specialisations</p>	<p>Areas of Study</p> <p>Students may select from the following areas of study:</p> <table border="1" data-bbox="387 421 1482 1339"> <thead> <tr> <th>Major/Minor/Specialisation</th> </tr> </thead> <tbody> <tr><td>Anatomy and Cell Biology</td></tr> <tr><td>Botany</td></tr> <tr><td>Chemistry</td></tr> <tr><td>Computer Science</td></tr> <tr><td>Earth Sciences</td></tr> <tr><td>Genetics</td></tr> <tr><td>History and Philosophy of Science</td></tr> <tr><td>Mathematics and Statistics</td></tr> <tr><td>Microbiology and Immunology</td></tr> <tr><td>Otolaryngology</td></tr> <tr><td>Pathology</td></tr> <tr><td>Physics</td></tr> <tr><td>Physiology</td></tr> <tr><td>Vision Science</td></tr> <tr><td>Zoology</td></tr> </tbody> </table> <p>-</p> <p><i>Please note, the following areas of study are under review and will not be taking enrolments in 2012:</i></p> <table border="1" data-bbox="387 1473 1482 1653"> <thead> <tr> <th>Major/Minor/Specialisation</th> </tr> </thead> <tbody> <tr><td>Oral Biology (Dental Science)</td></tr> <tr><td>Medicine (St Vincent's Hospital)</td></tr> </tbody> </table>	Major/Minor/Specialisation	Anatomy and Cell Biology	Botany	Chemistry	Computer Science	Earth Sciences	Genetics	History and Philosophy of Science	Mathematics and Statistics	Microbiology and Immunology	Otolaryngology	Pathology	Physics	Physiology	Vision Science	Zoology	Major/Minor/Specialisation	Oral Biology (Dental Science)	Medicine (St Vincent's Hospital)
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<p>Entry Requirements:</p>	<p>An undergraduate degree in a relevant discipline. Entry is also subject to the availability of an appropriate research topic and supervisor.</p>																			
<p>Core Participation Requirements:</p>	<p>The Postgraduate Diploma in Science welcomes applications from students with disabilities. It is University and degree policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the degree. The Postgraduate Diploma in Science requires all students to enrol in subjects where they will require: (1) the ability to comprehend complex science and technology related information;(2) the ability to clearly and independently communicate a knowledge and application of science, and technology principles and practices during assessment tasks;(3) the ability to actively and safely contribute in clinical, laboratory, and fieldwork/excursion activities. Students must possess behavioural and social attributes that enable them to participate in a complex learning environment. Students are required to take</p>																			

	<p>responsibility for their own participation and learning. They also contribute to the learning of other students in collaborative learning environments, demonstrating interpersonal skills and an understanding of the needs of other students. Assessment may include the outcomes of tasks completed in collaboration with other students. There may be additional inherent academic requirements for some subjects, and these requirements are listed within the description of the requirements for each of these subjects. Students who feel their disability will impact on meeting this requirement are encouraged to discuss this matter with the relevant Subject Coordinator and the Disability Liaison Unit: http://www.services.unimelb.edu.au/disability/</p>
Further Study:	<p>Students who successfully complete the coursework and research Postgraduate Diploma in Science courses with an H2A (75%) average are eligible to apply for M.Phil - Science and PhD-Science candidature.</p> <p>Students who successfully complete the coursework (100%) Postgraduate Diploma in Science courses are not eligible to apply for M.Phil - Science and PhD-Science candidature.</p>
Links to further information:	<p>http://graduate.science.unimelb.edu.au</p>