

GDA-SCI Graduate Diploma in Science (Advanced)

Year and Campus:	2016 - 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:	Professor Aleks Owczarek
Contact:	<p>Currently enrolled students:</p> <ul style="list-style-type: none"> # General information: https://ask.unimelb.edu.au (https://ask.unimelb.edu.au) # Contact Stop 1 (http://students.unimelb.edu.au/stop1) <p>Future students:</p> <ul style="list-style-type: none"> # Further information: http://science.unimelb.edu.au/ (http://science.unimelb.edu.au/)
Course Overview:	<p>The Faculty of Science offers the Graduate Diploma in Science (Advanced) program through a number of departments.</p> <p>When a program includes a research project students who successfully complete the Graduate Diploma in Science (Advanced) 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: Botany, Chemistry, Computer Science, Earth Sciences, Genetics, Mathematics and Statistics, Physics and Zoology.</p>
Learning Outcomes:	<p>Graduate Diploma in Science (Advanced) 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 Graduate Diploma in Science (Advanced) 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; 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 Graduate Diploma in Science (Advanced), 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 Graduate Diploma in Science (Advanced) 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 Graduate Diploma in Science (Advanced) 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>

Majors/Minors/ Specialisations	<p>Areas of Study</p> <p>Students may select from the following areas of study:</p> <table border="1" data-bbox="387 230 1485 745"> <thead> <tr> <th data-bbox="387 230 1485 286">Major/Minor/Specialisation</th> </tr> </thead> <tbody> <tr> <td data-bbox="387 286 1485 342">Botany</td> </tr> <tr> <td data-bbox="387 342 1485 398">Chemistry</td> </tr> <tr> <td data-bbox="387 398 1485 454">Computer Science</td> </tr> <tr> <td data-bbox="387 454 1485 510">Earth Sciences</td> </tr> <tr> <td data-bbox="387 510 1485 566">Genetics</td> </tr> <tr> <td data-bbox="387 566 1485 622">Mathematics and Statistics</td> </tr> <tr> <td data-bbox="387 622 1485 678">Physics</td> </tr> <tr> <td data-bbox="387 678 1485 745">Zoology</td> </tr> </tbody> </table>	Major/Minor/Specialisation	Botany	Chemistry	Computer Science	Earth Sciences	Genetics	Mathematics and Statistics	Physics	Zoology
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Entry Requirements:	<p>In order to be considered for entry, applicants must have completed:</p> <ul style="list-style-type: none"> # an undergraduate degree with a major in an appropriate discipline, or equivalent; and # appropriate prerequisite studies for the stream into which entry is sought. For stream specific requirements please click here (http://science.unimelb.edu.au/available-stream-requirements) . <p>-</p> <p>Meeting these requirements does not guarantee selection.</p> <p>In ranking applications, the Selection Committee will consider prior academic performance.</p> <p>The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Admission and Selection into Course Policy (http://policy.unimelb.edu.au/MPF1035) .</p> <p>Applicants are required to satisfy the university's English language requirements for postgraduate courses (http://www.policy.unimelb.edu.au/schedules/MPF1035-ScheduleA.pdf) . For those applicants seeking to meet these requirements by one of the standard tests approved by the Academic Board, performance band 6.5 is required.</p>									
Core Participation Requirements:	<p>The Graduate Diploma in Science (Advanced) 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 Graduate Diploma in Science (Advanced) 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 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 Graduate Diploma in Science (Advanced) courses with an H2A (75%) average are eligible to apply for M.Phil - Science and PhD-Science candidature.</p>									

	Students who successfully complete the coursework (100%) Graduate Diploma in Science (Advanced) courses are not eligible to apply for M.Phil - Science and PhD-Science candidature.
Links to further information:	http://science.unimelb.edu.au/