GD-SC Graduate Diploma in Science

Year and Campus:	2016 - Parkville
CRICOS Code:	085609G
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Graduate/Postgraduate
Duration & Credit Points:	125 credit points taken over 18 months full time. This course is available as full or part time.
Coordinator:	Professor Aleks Owczarek
Contact:	**Currently enrolled students**: # General information: **https://ask.unimelb.edu.au (https://ask.unimelb.edu.au)** # **Contact Stop 1 (http://students.unimelb.edu.au/stop1)** **Future students**: # Further information: **http://science.unimelb.edu.au/ (http://science.unimelb.edu.au/)**
Course Overview:	The Graduate Diploma allows students who have completed an undergraduate degree to refocus or expand their body of knowledge by completing the requirement of one of the undergraduate majors (or equivalent) in the Bachelor of Science not already completed. The Graduate Diploma provides a pathway to the Master of Science Streams.
Learning Outcomes:	Students who complete the Graduate Diploma should: # Demonstrate an independent approach to knowledge that uses rigorous methods of inquiry and appropriate theories and methodologies that are applied with intellectual honesty and a respect for ethical values; # Apply critical and analytical skills and methods to the identification and resolution of problems; # Act as informed and critically discriminating participants within the community of scholars, as citizens and in the work force; # Communicate effectively; # Commit to continuous learning; # Be proficient in the use of appropriate modern technologies, such as the computer and other information.
Course Structure & Available Subjects:	Completion of 125 points: # 50 points of study at Level 2 or above. # 50 points of study at level 3 # 25 points of study a level 9
Majors/Minors/ Specialisations	**Major/Minor/Specialisation** Botany Chemistry Medicinal Chemistry Computer Science Genetics Integrated Geography Human Geography

	Physical Geography
	Geology
	Pure Mathematics
	Applied Mathematics
	Statistics / Stochastic Processes
	Discrete Mathematics / Operations Research
	Physics
	Zoology
Entry Requirements:	**In order to be considered for entry, applicants must have completed:** • an undergraduate degree, or equivalent; and • at least 25 points of specific prerequisite subjects at level 1 or above for the stream into which entry is sought. For stream specific requirements please **click here (http://science.unimelb.edu.au/available-stream-requirements)** . - Meeting these requirements does not guarantee selection. In ranking applications, the Selection Committee will consider prior academic performance. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board **rules (http://about.unimelb.edu.au/academicboard/resolutions)** on the use of selection instruments. 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.
Core Participation Requirements:	The Graduate 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 Graduate Diploma in Science requires all students to enrol in subjects where they will require: the ability to comprehend complex science, technology and/or engineering systems related information; the ability to clearly and independently communicate a knowledge and application of science, technology and engineering systems principles and practices during assessment tasks; and in some areas of study the ability to actively and safely contribute in clinical, laboratory, and fieldwork/excursionactivities. 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 are additional inherent academic requirements for some major studies and subjects, and these requirements are listed within the description of the requirements for each of these majors and 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/ - Discipline-specific Core Participation Requirements Chemistry Core Participation requirements: Laboratory experiments This discipline requires students to actively, independently and safely participate in all practical classes, utilising a range of observational, communication, motor, intellectual, and behavioural and social skills. Visual acuity, muscle coordination and balance are essential for participation. Assessment is reliant on careful observation and visual interpretation of results. Botany Core Participation requirements: Fieldwork, practicals and laboratory experiments This discipline requires all students to actively, independently and safely participate in all practical classes, utilising a range of observational, communication, motor, intellectual, and behavioural and social skills. Visual acuity, muscle coordination and balance are essential for participation. Details of the participation requirements can be found at http://www.vet.unimelb.edu.au/docs/CoreParticipationReqsBSc.pdf The sites essential to this fieldwork are not wheel chair

	accessible and may require students to traverse broken ground. Students are also required to undertake experiments including specimen and microscope work with assessment reliant on careful observation and visual interpretation of results. Practicals may also involve handling and working with animals. Geology Core Participation requirements: Fieldwork The sites essential to this fieldwork are not wheelchair accessible and require students to traverse broken ground. Visual observation and interpretation of the sites is also an essential component, as is specimen and microscope work. Zoology Core Participation requirements: Fieldwork, practicals and laboratory experiments This major requires all students to actively, independently and safely participate in all practical classes, utilising a range of observational, communication, motor, intellectual, and behavioural and social skills. Visual acuity, muscle coordination and balance are essential for participation. Details of the participation requirements can be found at http://www.vet.unimelb.edu.au/docs/CoreParticipationReqsBSc.pdf The sites essential to this fieldwork are not wheel chair accessible and may require students to traverse broken ground. Students are also required to undertake experiments including specimen and microscope work with assessment reliant on careful observation and visual interpretation of results. Practicals may also involve handling and working with animals.
Further Study:	Students will be allowed to apply for entry into the associated Master of Science program after completing the undergraduate component (100 points) of the Graduate Diploma. Students who then enter the Master of Science will be able to have two level 9 subjects cross-credited from their Master of Science back to their Graduate Diploma in Science in order to complete the Diploma
Links to further information:	http://science.unimelb.edu.au/
Notes:	**The following streams can only be completed part-time** Applied Mathematics Botany Chemistry Computer Science Discrete Mathematics/Operations Research Genetics Geology Physics Pure Mathematics Statistics/Stochastic Processes Medicinal Chemistry Human Geography Zoology (Start Year Intake) **The following streams can be completed either full-time or part-time** Integrated Geography Physical Geography Zoology (Mid-year Intake)