

GD-URBHORT Graduate Diploma in Urban Horticulture

Year and Campus:	2015 - Burnley															
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:	Dr Nick Williams Email: nsw@unimelb.edu.au															
Contact:	<p>The Graduate School of Science</p> <p><i>Current Student Enquiries</i> Phone: 13 MELB (13 6352) Email: 13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au)</p> <p>Future Student Enquiries (https://nexus.unimelb.edu.au/NexusEnquiryForm.aspx?f=16755909770&m=573578&l=0&programcode=K02&sub=RE:%20RE:%20Urban%20Horticulture&enquirytype=2)</p>															
Course Overview:	<p>The Graduate Diploma of Urban Horticulture is nested within the Master of Urban Horticulture (Coursework). It is designed to fulfil the needs and demands of those who have qualifications in disciplines other than horticulture and who wish to emphasise the study of the horticultural system from a technological, sociological and management perspective. There is a focus on the design, implementation and management of urban landscapes. Employment opportunities can be found in a variety of settings including arboricultural services and tree management, urban parks and public open space, revegetation and restoration, residential landscape design, landscape and asset management, landscape construction and services.</p> <p>The course provides excellent linkages and contacts to the urban horticulture industry, adding to the currency and relevancy of the study experience, but also building employment opportunities for the future.</p> <p>The course can be completed as a pathway into, or an exit point from, the Master of Urban Horticulture program.</p>															
Learning Outcomes:	<p>The course is designed for graduates to:</p> <ul style="list-style-type: none"> # develop skills, knowledge, understanding and competence in the area of environmental horticulture or production horticulture; # analyse problems, advise, guide, develop and organise horticultural programs and operations; # develop a holistic approach to horticulture through an understanding of the biological, socio-cultural and environmental factors within the system; # extend scholarly and critical attitudes in the discipline of horticulture. 															
Course Structure & Available Subjects:	The course comprises 100 points, i.e one year of full-time study or equivalent part-time study.															
Subject Options:	<p>Graduate Diploma of Urban Horticulture</p> <p>Students must complete the following four (50 points) of core subjects:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>HORT90003 Plants and the Urban Environment</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>HORT90033 Landscape Plants</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>HORT90004 Contemporary Plant Production & Establishment</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>HORT90008 Horticultural Plant Science</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>Student should choose the remainder of their subjects from the following elective choices:</p>	Subject	Study Period Commencement:	Credit Points:	HORT90003 Plants and the Urban Environment	Semester 1	12.50	HORT90033 Landscape Plants	Semester 1	12.50	HORT90004 Contemporary Plant Production & Establishment	Semester 2	12.50	HORT90008 Horticultural Plant Science	Semester 2	12.50
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HORT90003 Plants and the Urban Environment	Semester 1	12.50														
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HORT90008 Horticultural Plant Science	Semester 2	12.50														

Subject	Study Period Commencement:	Credit Points:
HORT90038 Food Production for Urban Landscapes	Semester 1	12.50
AGRI90066 Soil Science and Management	Semester 1	12.50
MAST90008 Research Philosophies & Statistics	Semester 1	12.50
HORT90045 Garden Design and Graphics	Semester 1	12.50
NRMT90003 Social Research Methods	Semester 1	12.50
HORT90040 Advanced Plant Breeding and Improvement	Semester 1	12.50
HORT90046 Green Roofs and Walls	June	12.50
HORT90007 Managing Trees in Urban Landscapes	June	12.50
ABPL90337 Managing Urban Landscapes	July	12.50
HORT90011 Therapeutic Landscapes	Not offered 2015	12.50
NRMT90002 Management of Plant and Animal Invasions	Semester 2	12.50
FRST90034 Ecological Restoration	September	12.50
ERTH90028 Urban Soils, Substrates and Water	Semester 2	12.50
ABPL90265 History of Landscape Architecture	Semester 2	12.50
HORT90039 Green Infrastructure for Liveable Cities	November	12.50
FRST90033 Farm Trees & Agroforestry	October	12.50
FOOD90026 The Politics of Food	Semester 1	12.50
FOOD90033 Sustainable Food: Policy and Practice	Not offered 2015	12.50

Entry Requirements:

1. In order to be considered for entry, applicants must have completed:
 - o an undergraduate degree or a graduate or postgraduate certificate any discipline with at least an H3 (65%) weighted average, or equivalent;
 - OR
 - o an honours degree, graduate diploma or postgraduate diploma in any discipline, or equivalent;
 Meeting these requirements does not guarantee selection.
2. In ranking applications, the Selection Committee will consider:
 - o prior academic performance.
3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Admission and Selection into Course Policy.
4. The minimum English language requirements for this course are Band 6.5.

Core Participation Requirements:

The Faculty of Science welcomes applications from students with disabilities. It is University and Faculty policy to take reasonable steps to make reasonable adjustments so as to enable the student's participation in the Faculty's programs. Science contributes to the New Generation degrees and offers a broad range of programs across undergraduate and post-graduate levels many of which adopt a multi-disciplinary approach. Students of the Faculty's courses must possess intellectual, ethical, and emotional capabilities required to participate in the full curriculum and to achieve the levels of competence required by the School. Candidates must have abilities and skills in observation; motor in relevant areas; communication; in conceptual, integrative, and quantitative dimensions; and in behavioural and social dimensions. Adjustments can be provided to minimise the impact of a disability, however students need to be able to participate in the program in an independent manner and with regard to their safety and the safety of others. I. Observation: In some contexts, the student must be able to observe demonstrations and experiments in the basic and applied sciences. More broadly, observation requires reading text, diagrams, maps, drawings and numerical data. The candidate should be able to observe details at a number of scales and record useful observations in discipline

	<p>dependant contexts. II. Communication: A candidate should be able to communicate with fellow students, professional and academic staff, members of relevant professions and the public. A candidate must be able to communicate effectively and sensitively. Communication includes not only speech but also reading and writing. III. Motor: Candidates should have sufficient motor function necessary for participation in the inherent discipline-related activities. The practical work, design work, field work, diagnostic procedures, laboratory tests, require varying motor movement abilities. Off campus investigations may include visits to construction sites, urban, rural and/or remote environments. IV. Intellectual-Conceptual, Integrative and Quantitative Abilities: These abilities include measurement, calculation, reasoning, analysis, and synthesis. Problem solving, the critical skill demanded of professionals in land and environment industries, requires all of these intellectual abilities. In addition, the candidate should be able to comprehend three-dimensional relationships and to understand the spatial relationships of structures. V. Behavioural and Social Attributes: A candidate 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. Students who feel their disability will prevent them from meeting the above academic requirements are encouraged to contact the Disability Liaison Unit.</p>
Further Study:	Completion of the course enables progression (100 points credit) into the Master of Urban Horticulture
Graduate Attributes:	<p>The Melbourne Experience enables our Graduates to become: Academically excellent Our Graduates will be expected to: have strong sense of intellectual integrity and the ethics of scholarship have in-depth knowledge of their specialist discipline(s) reach a high level of achievement in writing, generic research activities, problem-solving and communication be critical and creative thinkers, with an aptitude for continued self-directed learning be adept at learning in a range of ways, including through information and communication technologies Knowledgeable across disciplines Our graduates will be expected to: examine critically, synthesise and evaluate knowledge across a broad range of disciplines expand their analytical and cognitive skills through learning experiences in diverse subjects have the capacity to participate fully in collaborative learning and to confront unfamiliar problems have a set of flexible and transferable skills for different types of employment. Leaders in communities Our graduates will be expected to: initiate and implement constructive change in their communities, including professions and workplaces have excellent interpersonal and decision-making skills, including an awareness of personal strengths and limitations mentor future generations of learners engage in meaningful public discourse, with a profound awareness of community needs Attuned to cultural diversity Our graduates will be expected to : Value different cultures be well-informed citizens able to contribute to their communities wherever they choose to live and work have an understanding of the social and cultural diversity in our community respect Indigenous knowledge, cultures and values Active global citizens Our graduates will be expected to: accept social and civic responsibilities be advocates for improving the sustainability of the environment have a broad global understanding, with a high regard for human rights, equality and ethics.</p>
Generic Skills:	<ul style="list-style-type: none"> # A profound respect for truth, intellectual and professional integrity, and the ethics of scholarship # Capacity for independent critical thought, rational inquiry and self-directed learning and research # An ability to derive, interpret and analyse social, technical or economic information from primary and other sources # Awareness of and ability to utilise appropriate communication technology and methods for the storage, management and analysis of data # Capacity for creativity and innovation, through the application of skills and knowledge # Ability to integrate information across a relevant discipline to solve problems in applied situations # Highly developed computer - based skills to allow for effective on-line learning and communication. # Highly developed written communication skills to allow informed dialogue with individuals and groups from industry, government and the community # Highly developed oral communication skills to allow informed dialogue and liaison with individuals and groups from industry, government and the community. # Appreciation of social and cultural diversity from a regional to a global context

	<ul style="list-style-type: none"># Ability to participate effectively as a member of a team# Ability to plan work, use time effectively and manage small projects
Links to further information:	http://graduate.science.unimelb.edu.au/master-of-urban-horticulture