

# GD-URBHORT Graduate Diploma in Urban Horticulture

<b>Year and Campus:</b>	2011 - Burnley																																
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>																																
<b>Level:</b>	Graduate/Postgraduate																																
<b>Duration &amp; Credit Points:</b>	100 credit points taken over 12 months full time. This course is available as full or part time.																																
<b>Coordinator:</b>	John Rayner																																
<b>Contact:</b>	<p><b>Melbourne School of Land &amp; Environment Student Centre</b> Ground Floor, Land &amp; Food Resources (building 142)</p> <p><i>Enquiries</i> Phone: 13 MELB (13 6352) Email: <a href="mailto:13MELB@unimelb.edu.au">13MELB@unimelb.edu.au</a> (<a href="mailto:13MELB@unimelb.edu.au">mailto:13MELB@unimelb.edu.au</a>)</p>																																
<b>Course Overview:</b>	This course, a fee-paying program, is offered as an exit point within the Master of Urban Horticulture. 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. It is expected that most prospective students will be employed currently, or in the future, in the horticulture industry, or be involved in the development and provision of horticultural services.																																
<b>Objectives:</b>	<p>The course is designed for graduates to:</p> <ul style="list-style-type: none"> <li># develop skills, knowledge, understanding and competence in the area of environmental horticulture or production horticulture;</li> <li># analyse problems, advise, guide, develop and organise horticultural programs and operations;</li> <li># develop a holistic approach to horticulture through an understanding of the biological, socio-cultural and environmental factors within the system;</li> <li># extend scholarly and critical attitudes in the discipline of horticulture.</li> </ul>																																
<b>Course Structure &amp; Available Subjects:</b>	The course comprises 100 points, i.e one year of full-time study or equivalent part-time study. Graduates from relevant Honours programs or from the Graduate Diploma in Horticulture can apply for up to 100 points credit into the Masters program.																																
<b>Subject Options:</b>	<p><b>Graduate Diploma of Urban Horticulture</b> 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>HORT90004 Contemporary Plant Production &amp; 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> <tr> <td>NRMT90014 Sustainable Landscapes</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> </tbody> </table> <p>Elective Subjects</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>AGRI90064 Project A</td> <td>Not offered 2011</td> <td>25</td> </tr> <tr> <td>AGRI90065 Project B</td> <td>Semester 1, Semester 2</td> <td>25</td> </tr> <tr> <td>AGRI90072 Project B</td> <td>Semester 1, Semester 2</td> <td>50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	HORT90003 Plants and the Urban Environment	Semester 1	12.50	HORT90004 Contemporary Plant Production & Establishment	Semester 2	12.50	HORT90008 Horticultural Plant Science	Semester 2	12.50	NRMT90014 Sustainable Landscapes	Semester 1	12.50	HORT90033 Landscape Plants	Semester 1	12.50	Subject	Study Period Commencement:	Credit Points:	AGRI90064 Project A	Not offered 2011	25	AGRI90065 Project B	Semester 1, Semester 2	25	AGRI90072 Project B	Semester 1, Semester 2	50
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	HORT90038 Buildings to Beans: Food in Cities	February	12.50
	AGRI90066 Soil Science and Management	Not offered 2011	12.50
	HORT90011 Therapeutic Landscapes	June	12.50
	MAST90008 Research Philosophies & Statistics	Semester 1	12.50
	NRMT90003 Social Research Methods	March	12.50
	FRST90033 Farm Trees & Agroforestry	May	12.50
	HORT90006 Garden History & Design	Semester 2	12.50
	HORT90007 Managing Trees in Urban Landscapes	June	12.50
	NRMT90002 Management of Plant and Animal Invasions	Semester 2	12.50
	HORT40001 Advanced Plant Breeding and Improvement	Not offered 2011	12.50
<b>Entry Requirements:</b>	<p>1. The Selection Committee will evaluate the applicant's ability to successfully pursue the course using the following criteria:</p> <ul style="list-style-type: none"> <li># a three-year undergraduate degree with a grade average of 65% or greater; or</li> <li># an honours degree or equivalent qualification; or</li> <li># successful completion of a postgraduate diploma or a graduate diploma; or</li> <li># successful completion of a postgraduate certificate or graduate certificate with a grade average of 65% or greater.</li> </ul> <p>2. The Selection Committee may conduct interviews or may call for referee reports to elucidate any of the matters referred to above.</p>		
<b>Core Participation Requirements:</b>	<p>The Melbourne School of Land and Environment (MSLE) welcomes applications from students with disabilities. It is University and School policy to take reasonable steps to make reasonable adjustments so as to enable the student's participation in the School's programs. MSLE 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 School'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.</p> <p>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 dependant contexts.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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</p>		

	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.
<b>Further Study:</b>	Completion of the course enables progression (100 points credit) into the Master of Urban Horticulture
<b>Graduate Attributes:</b>	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.
<b>Professional Accreditation:</b>	None
<b>Generic Skills:</b>	<ul style="list-style-type: none"> <li># A profound respect for truth, intellectual and professional integrity, and the ethics of scholarship</li> <li># Capacity for independent critical thought, rational inquiry and self-directed learning and research</li> <li># An ability to derive, interpret and analyse social, technical or economic information from primary and other sources</li> <li># Awareness of and ability to utilise appropriate communication technology and methods for the storage, management and analysis of data</li> <li># Capacity for creativity and innovation, through the application of skills and knowledge</li> <li># Ability to integrate information across a relevant discipline to solve problems in applied situations</li> <li># Highly developed computer - based skills to allow for effective on-line learning and communication.</li> <li># Highly developed written communication skills to allow informed dialogue with individuals and groups from industry, government and the community</li> <li># Highly developed oral communication skills to allow informed dialogue and liaison with individuals and groups from industry, government and the community.</li> <li># Appreciation of social and cultural diversity from a regional to a global context</li> <li># Ability to participate effectively as a member of a team</li> <li># Ability to plan work, use time effectively and manage small projects</li> </ul>
<b>Notes:</b>	None