

MC-URBHORT Master of Urban Horticulture

Year and Campus:	2010 - Burnley
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Graduate/Postgraduate
Duration & Credit Points:	
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Course Overview:	<p>The Master of Urban Horticulture (Coursework) was developed specifically for those seeking professional employment or developing research careers in urban horticulture. 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 and in nursery and greenhouse management. Upon completion of the course students can progress to PhD studies at the University of Melbourne. Whilst it is beneficial for students to have some experience in the horticultural industry it is not essential to have previous employment to gain entry to the course. There are different pathways for students depending on the previous studies completed. The course has 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 Master of Urban Horticulture is a graduate coursework program of 200 points completed over two years of full-time study or part-time equivalent. Offered primarily at the Burnley and Parkville campuses the course will begin in 2008. Some subjects may be offered online or using intensive, residential or mixed-mode delivery. Core studies are completed in the areas of ecology and environments, landscape management, plant production and establishment, horticultural science, urban flora, and either project management, social research or experimental design and statistics. Elective subjects include social and therapeutic horticulture, garden history and design, urban tree management, managing invasive species and many others across the university. A number of research project studies can also be completed as elective studies.</p> <p><i>Note: Students can elect to exit after the first year of full time study (100 points) with a Graduate Diploma in Urban Horticulture. Graduates from relevant Honours programs or from the Graduate Diploma in Horticulture can apply for up to 100 points credit into the Masters program.</i></p>
Objectives:	<p>On completion of the Master of Urban Horticulture, students should be able to:</p> <ul style="list-style-type: none"> # Display skills, knowledge, understanding and competence in the area of urban horticulture; # Analyse problems, advise, guide, develop and organise horticultural programs and operations; # Develop a holistic approach to horticultural management through an understanding of the biological, socio-cultural and environmental factors within the system; # Extend scholarly and critical attitudes in the discipline of urban horticulture; # Develop an understanding of a range of problem solving methodologies suited to horticultural management; # Apply such understanding to a contemporary issue or problem affecting urban horticulture
Course Structure & Available Subjects:	<p>The 200 point Masters Course is normally completed over two years of full-time study. There are different course pathways available to students with either a horticulture study background or non-horticultural study background.</p> <p>The programme also provides for individual project work to the value of 25, 50 or 75 points. The 75-point option would comprise a combination of Project A (25 points) and Project B (50 points).</p>
Subject Options:	Master of Urban Horticulture

Core Subjects

Subject	Study Period Commencement:	Credit Points:
HORT90003 Plants and the Urban Environment	Semester 1	12.50
HORT90004 Contemporary Plant Production & Establishment	Semester 1	12.50
HORT90008 Horticultural Plant Science	March	12.50
NRMT90014 Sustainable Landscapes	Semester 1	12.50

Elective Subjects

Subject	Study Period Commencement:	Credit Points:
AGRI90064 Project A	Semester 1, Semester 2	25
AGRI90065 Project B	Year Long	50
AGRI90072 Project B	Semester 1, Semester 2	50
HORT90006 Garden History & Design	Semester 2	12.50
HORT90007 Managing Trees in Urban Landscapes	June	12.50
HORT90038 Buildings to Beans: Food in Cities	February	12.50
NRMT90002 Management of Plant and Animal Invasions	Semester 2	12.50
HORT90011 Social & Therapeutic Horticulture	April	12.50
AGRI90066 Soil Science and Management	Semester 1	12.50
HORT40001 Advanced Plant Breeding and Improvement	Semester 1	12.50
FRST90033 Farm Trees & Agroforestry	April	12.50

Selective Subjects

Subject	Study Period Commencement:	Credit Points:
HORT90009 Urban Horticultural Flora	Semester 2	12.50
HORT90033 Designing With Plants PG	Semester 1	12.50

Selective Subjects

Subject	Study Period Commencement:	Credit Points:
NRMT90003 Social Research Methods	Semester 1	12.50
MAST90008 Research Philosophies & Statistics	Semester 1	12.50
NRMT90021 Project Management	June	12.50

Entry Requirements:

1. The Selection Committee will evaluate the applicant's ability to successfully pursue the course using the following criteria:
- # a three-year undergraduate degree with a grade average of 65% or greater; or
 - # an honours degree or equivalent qualification; or
 - # successful completion of a postgraduate diploma or a graduate diploma; or
 - # successful completion of a postgraduate certificate or graduate certificate with a grade average of 65% or greater.

	2. The Selection Committee may conduct interviews or may call for referee reports to elucidate any of the matters referred to above.
Core Participation Requirements:	It is the University policy to take all steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a students participation in the university's programs. This course requires all students to enrol in subjects where they must actively and safely contribute to laboratory activities and field trips. Students who feel their disability will impact on meeting this requirement are encouraged to discuss this matter with the Subject Coordinator and Disability Liaison Unit.
Further Study:	Upon completion of the course students can apply to progress to PhD studies at the University of Melbourne. Whilst it is beneficial for students to have some experience in the horticultural industry it is not essential to have previous employment to gain entry to the course. There are different pathways for students depending on the previous studies completed. The course has 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.
Graduate Attributes:	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 experinces 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 contibute 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.
Professional Accreditation:	None
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 # 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:	www.horticulture.unimelb.edu.au
Notes:	None