

HORT50001 Designing Green Roofs and Walls

Credit Points:	12.5
Level:	5 (Graduate/Postgraduate)
Dates & Locations:	2016, Burnley This subject commences in the following study period/s: September, Burnley - Taught on campus.
Time Commitment:	Contact Hours: Approx. 36 hours (6 days of intensive class) Total Time Commitment: 170 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Commonwealth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Overview, Objectives, Assessment and Generic Skills sections of this entry. It is University 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 University's programs. Students who feel their disability may impact on meeting the requirements of this course are encouraged to discuss this matter with the Student Equity and Disability Support Team: http://www.services.unimelb.edu.au/disability/
Coordinator:	Dr Claire Farrell
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Subject Overview:	This subject explores the design and specification of green roofs and walls. The content will include relevant typologies and categories of use, requirements for successful design, construction and maintenance, development of specifications and local and international case studies. Students will gain a thorough understanding of green roof and wall design and function, the benefits provided to cities and people and gain hands on experience through practical activities and visits to local project sites.
Learning Outcomes:	<ul style="list-style-type: none"> # Explain the key design considerations for green roofs and walls, including the development and use of specifications; # Analyse substrate properties relating to green roof specification and how these affect plant performance and plant selection # Assess and analyse experimentally how green roof substrates influence stormwater runoff retention capacity # Assess how green wall design influences thermal performance # Compare and evaluate methods for plant selection on green roofs and walls using research and case studies
Assessment:	50% Design case study assignment equivalent to 3000 words 20% Workshop practical exercises (lab book) equivalent to 200 words 30% Development of design case study specifications equivalent to 1500 words
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees

Links to further information:	http://graduate.science.unimelb.edu.au/graduate-programs
Related Course(s):	Specialist Certificate in Green Roofs and Walls