



MODULE SPECIFICATION

Part 1: Information			
Module Title	Urban Greening: Planning, Design and Delivery		
Module Code	UBLLA1-15-M	Level	Level 7
For implementation from	2020-21		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Environment & Technology	Field	Architecture and the Built Environment
Department	FET Dept of Architecture & Built Environ		
Module type:	Project		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Overview: Urban greening, or green infrastructure, is recognised as an essential component of liveable and sustainable places. This module will provide an in-depth knowledge of the state of the art in green infrastructure policies, planning, design and delivery using examples and evidence from the UK and internationally.</p> <p>Educational Aims: The Urban Greening module aims to provide an in-depth knowledge of the role of greenspaces and microscale features such as street trees and green roofs in achieving healthy and liveable places, and how these can be planned, designed and delivered.</p> <p>Outline Syllabus: The module will cover the following themes:</p> <ul style="list-style-type: none"> - The definitions of key terms including green and blue infrastructure, natural capital, ecosystem services and nature-based solutions; - The benefits of urban greening in terms of environmental quality, health and wellbeing, and adaptation to climate change; - The use of evidence from different disciplinary traditions; - The planning of green infrastructure at different spatial scales; - The design of green infrastructure elements in new and existing places; - The delivery and long-term maintenance of green infrastructure elements.

STUDENT AND ACADEMIC SERVICES

Teaching and Learning Methods: Students will receive 36 hours of contact time delivered in six 6 hour timetabled sessions. This will be in a range of formats including lectures, tutorials, exercises, workshops and studio.

The amount of time spent on activities in this module is as follows:

Scheduled Teaching and Learning: 36 hours

Independent Learning: 60 hours

Assignment Preparation and Completion: 54 hours

Total: 150 hours

Scheduled Teaching and Learning includes:

Lectures will be used to provide the background theories, concepts and examples from research and practice;

Exercises and workshops will be used to consolidate this material and allow students to apply this knowledge in different scenarios and critically evaluate examples from practice;

Students will work in groups and discuss their ideas in class to facilitate peer critical evaluation;

Studios will allow students to work on the design elements of their assessment, and receive formative feedback from staff and peers.

Distance Learners will be able to access recordings of the lectures. Webinars will allow students to work in groups, discuss their ideas and receive formative feedback from staff and peers.

Distance Learners will be supported by a workbook with directed study and exercises to consolidate learning.

Directed study will be used to encourage independent learning and the use of academic literature and evidence.

Independent Learning includes:

Time engaged with directed study and other essential reading, assessment preparation and completion.

Part 3: Assessment

The learning outcomes will be assessed through an individual project (Component A), across two elements. Students will develop a strategy to create new or enhance existing green infrastructure in an existing neighbourhood of their choosing.

Element A: Critique of existing green infrastructure

Students will provide a critique of the existing green infrastructure in a neighbourhood of their choice (MO2, MO3, MO6).

Element B: Proposal for the enhancement of green infrastructure

Students will develop a suite of policies to enhance the green infrastructure in their chosen neighbourhood, and produce an evidence-based proposal for the creation or enhancement of green infrastructure including a plan, design, and management strategy (MO1, MO2, MO4, MO5, MO6).

The resit will be one component combining both of these elements into one submission.

First Sit Components	Final Assessment	Element weighting	Description
Project - Component A	✓	75 %	Element 2: Proposal for the enhancement of green infrastructure (3,000 words max).
Project - Component A		25 %	Element 1: Critique of existing green infrastructure (1,500 words max)

STUDENT AND ACADEMIC SERVICES

Resit Components	Final Assessment	Element weighting	Description
Project - Component A	✓	100 %	Critique of existing green infrastructure and proposal for the enhancement of green infrastructure (4,500 words max)

Part 4: Teaching and Learning Methods																			
Learning Outcomes	<p>On successful completion of this module students will achieve the following learning outcomes:</p> <table border="1"> <thead> <tr> <th>Module Learning Outcomes</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>To demonstrate an understanding of how urban greening can be achieved to improve the quality of the environment, health and wellbeing outcomes and resilience to the changing climate.</td> <td>MO1</td> </tr> <tr> <td>To synthesise appropriate evidence to demonstrate the benefits and disbenefits of green infrastructure in urban environments.</td> <td>MO2</td> </tr> <tr> <td>To analyse and appraise existing policies, assets and management in order to provide opportunities for enhancing green infrastructure.</td> <td>MO3</td> </tr> <tr> <td>To develop evidence-based policies, plans and designs for green infrastructure at the neighbourhood scale.</td> <td>MO4</td> </tr> <tr> <td>To select appropriate strategies for the long-term management of green infrastructure.</td> <td>MO5</td> </tr> <tr> <td>To apply different forms of evidence from research and practice in the development of ideas.</td> <td>MO6</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	To demonstrate an understanding of how urban greening can be achieved to improve the quality of the environment, health and wellbeing outcomes and resilience to the changing climate.	MO1	To synthesise appropriate evidence to demonstrate the benefits and disbenefits of green infrastructure in urban environments.	MO2	To analyse and appraise existing policies, assets and management in order to provide opportunities for enhancing green infrastructure.	MO3	To develop evidence-based policies, plans and designs for green infrastructure at the neighbourhood scale.	MO4	To select appropriate strategies for the long-term management of green infrastructure.	MO5	To apply different forms of evidence from research and practice in the development of ideas.	MO6				
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Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p>https://rl.talis.com/3/uwe/lists/37B11719-14C0-9639-3568-731B25960FBB.html</p>																		

Part 5: Contributes Towards
This module contributes towards the following programmes of study: