



Module Specification

Urban Greening: Planning, Design and Delivery

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Part 1: Information

Module title: Urban Greening: Planning, Design and Delivery

Module code: UBLLA1-15-M

Level: Level 7

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

College: College of Arts, Technology and Environment

School: CATE School of Architecture and Environment

Partner institutions: None

Field: Architecture and the Built Environment

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: Yes

Professional, statutory or regulatory body requirements: None

Part 2: Description

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.

Features: Not applicable

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.

Outline syllabus: The module will cover the following themes:

- 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.

Part 3: Teaching and learning methods

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.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 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.

MO2 To synthesise appropriate evidence to demonstrate the benefits and disbenefits of green infrastructure in urban environments.

MO3 To analyse and appraise existing policies, assets and management in order to provide opportunities for enhancing green infrastructure.

MO4 To develop evidence-based policies, plans and designs for green infrastructure at the neighbourhood scale.

MO5 To select appropriate strategies for the long-term management of green infrastructure.

MO6 To apply different forms of evidence from research and practice in the development of ideas.

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 30 hours

Total = 150

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://rl.talis.com/3/uwe/lists/37B11719-14C0-9639-3568-731B25960FBB.html) via the following link <https://rl.talis.com/3/uwe/lists/37B11719-14C0-9639-3568-731B25960FBB.html>

Part 4: Assessment

Assessment strategy: The learning outcomes will be assessed through two individual tasks.

Students will develop a strategy to create new or enhance existing green infrastructure in an existing neighbourhood of their choosing.

Task 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).

Task 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 also be two tasks as above.

Assessment tasks:

Project (First Sit)

Description: Task A: Critique of existing green infrastructure (1,500 words max)

Weighting: 25 %

Final assessment: No

Group work: No

Learning outcomes tested: MO2, MO3, MO6

Project (First Sit)

Description: Task 2: Proposal for the enhancement of green infrastructure (3,000 words max).

Weighting: 75 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO4, MO5, MO6

Project (Resit)

Description: Task A: Critique of existing green infrastructure (1,500 words max)

Weighting: 25 %

Final assessment: No

Group work: No

Learning outcomes tested: MO2, MO3, MO6

Project (Resit)

Description: Task B: Proposal for the enhancement of green infrastructure (3,000 words)

Weighting: 75 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO4, MO5, MO6

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Architecture [Frenchay] MArch 2023-24

Architecture [Sep][PT][Frenchay][3yrs] MArch 2021-22

Architecture {Apprenticeship-UWE} [Sep][FT][Frenchay][3yrs] MArch 2021-22

