



## **Module Specification**

### **Urban Design 5,6**

Version: 2023-24, v2.0, 18 Oct 2023

#### **Contents**

<b>Module Specification .....</b>	<b>1</b>
<b>Part 1: Information .....</b>	<b>2</b>
<b>Part 2: Description .....</b>	<b>2</b>
<b>Part 3: Teaching and learning methods .....</b>	<b>5</b>
<b>Part 4: Assessment.....</b>	<b>7</b>
<b>Part 5: Contributes towards .....</b>	<b>8</b>

## Part 1: Information

**Module title:** Urban Design 5,6

**Module code:** UBLFGA-8-3

**Level:** Level 6

**For implementation from:** 2023-24

**UWE credit rating:** 8

**ECTS credit rating:** 4

**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:** No

**Professional, statutory or regulatory body requirements:** None

## Part 2: Description

**Overview:** The module of Urban Design covers the concepts of urban design, the principles of urban design, and its implementation, delivery and urban management.

**Features:** Not applicable

**Educational aims:** CONCEPTS OF URBAN DESIGN

PRINCIPLES OF URBAN DESIGN

IMPLEMENTATION, DELIVERY AND URBAN MANAGEMENT

**Outline syllabus:** URBAN DESIGN - ARCH/URBAN 2611 (Part II Year 1 – Yr 5)

## Main Topic 1 :

## CONCEPTS OF URBAN DESIGN (Term 1)

- The importance of Urban Design, Architects' involvement- defining the image and quality of the city, shaping the urban built fabric
- Generic forces of Urban Design: urban vision, development aspirations, political influences, social and cultural factors, social and economic stratifications, urban commerce, transportation and circulation, climate and environment, infrastructure
- Thoughts and ideas of early and contemporary urban theoreticians: Le Corbusier, Oscar Niemeyer, Rob Krier etc. and the evolution and history of cities and urban spaces.
- Urban Design concepts and layout of cities: concepts of grid –iron city, radial city, neighborhood city, garden city, vertical cities, sustainable cities etc. reviewed through case studies
- Urban – rural dichotomies : city as capital, the sub-urban and the rural; urbanism and new urbanism; urban re-generation

## Main Topic 2 :

## PRINCIPLES OF URBAN DESIGN (Terms 1 &amp; 2)

- Urban Design Principles: spatial planning, positive and negative spaces, serial vision, urban morphology, urban density, urban scale, place and space, building lines and setbacks, enclosures, the public space (the street, the park, the water front, the sky court; the square, the piazza, the circus, the crescent; links between public spaces and integrating public space and building, public spaces as the heart of the city), activity zones, buffers, green lungs, defining the edge, connectivity.
- Key Aspects of Urban Design:  
Appreciating the context: community, place, natural resources, connections, feasibility, vision creating the urban structure:
  - Interpreting development plans and planning, building regulations
  - the movement framework (movement assessment, the walkable neighborhood, street network, types of grids
  - Mixing uses: the neighborhood unit; character areas; compatible uses; mixed forms, uses and users; centers; edges; transition zones

- Density, facilities and form: density and facilities; density and form; density and interior space; density and time
- Landmarks, vistas and focal points
- Blocks: perimeter blocks, block size, block shape, block interiors
- Parcels and Plots: parcel size, plot size, plot and parcel sub divisions
- Making the connections: walking (the pedestrian environment); cycling (the cyclist environment, cycle lanes, cycle parks, cycle security); the car (ownership, carpooling, car parking); public transport (public transport catchments, bus provision, the railway, water transport, shuttle services, LRT and MRT); streets and traffic (street types, main routes, streets as social spaces, tracking, junctions, traffic calming, pedestrian crossings)
- Utilities & infrastructure: the services for a city (water supply, sewerage, rain water disposal, solid waste disposal, electricity supply, fire safety, security, telecommunications, data and internet servicing); service routing; maintenance depots, service stations and equipment storage; warehousing (Taught in Technology Module Yr 5, practical application in Studio 5 & 6)

URBAN DESIGN - ARCH/URBAN 2621 (Part II Year 2 – Yr 6)

PRINCIPLES OF URBAN DESIGN (Contd) (Terms 1 & 2)

\*Main Topic 2 (Cont):

\*Studio-based learning and application of Key Aspects of Urban Design taught in Yr 5

- Interpreting development plans and planning, building regulations (contd)
- Blocks: perimeter blocks, block size, block shape, block interiors
- Parcels and Plots: parcel size, plot size, plot and parcel sub-divisions
- Landscape: open space and landscape design; public access to open space; open space networks; wildlife and ecology; topography; microclimate; urban forestry \*\* (Studio based learning & application)
- Parking and servicing: parking standards, park and ride, short stay and long-haul parking; positioning parking; car, bus parks, railway stations and yards, water transportation networks and nodes; servicing
- Energy and resource efficiency: re-use, re-cycle and re-new resource materials; use of passive technologies - solar power, rainwater collection/harvesting and re-

use, wind energy, biomass energy; relationship to the earth (taught in theory - Environment Module Yr 6)

- Detailing the place: Positive outdoor spaces; animating the edge; building sizes and scale; building for change (multi-use buildings, adaptability, and re-use); thriving public realm (social spaces, distinctive places, street furniture, signage, lighting); safety and sense of safety (urban crime and designing for crime prevention) (Studio based learning & application in Yr 6)

Main Topic 3 :

IMPLEMENTATION, DELIVERY AND URBAN MANAGEMENT (Term 1, 2)

-The Urban Design Team- state agencies, planners and designers, advisory consultants; roles and responsibilities

-Managing the design process

-Implementation agencies and implementation process

-Urban Management – managing authorities, management strategies, financing and revenue collection, empowering the community, promoting the value of design and the environment, setting standards and benchmarking, incentives, disaster management.

### **Part 3: Teaching and learning methods**

**Teaching and learning methods:** URBAN DESIGN: The delivery of this Module will be through: Lectures, Visual Presentations, Guest Lectures, Seminars, Tutorials.

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

**MO1** Awareness of the history and evolution of cities and urban spaces

**MO2** Knowledge of Urban design and the Architects' role.

**MO3** Knowledge of the Generic forces of urban design and their social implications.

**MO4** Knowledge of the thoughts and ideas of early and contemporary urban theoreticians.

**MO5** Knowledge of the urban design concepts and layout of cities.

**MO6** Knowledge of urban – rural dichotomies.

**MO7** Understanding of urban design principles and its relevance to the built-scape of a city

**MO8** Understanding of the urban design team, design, implementation and urban management of cities with special reference to Sri Lanka and its regulations for urban development

**MO9** Ability to integrate the design of a building within its given urban context taking into consideration the influential factors of the city and its urban-scape, and development controls.

**MO10** Ability to converse and communicate with an urban design team on the design, implementation and management aspects of a public facility within a given city.

**MO11** Understanding of the urban design team, design, implementation and urban management of cities with special reference to Sri Lanka and its regulations for urban development. (for Year 2)

**MO12** Ability to integrate the design of a building within its given urban context taking into consideration the influential factors of the city and its urban-scape, and development controls. (for Year 2)

**MO13** Ability to converse and communicate with an urban design team on the design, implementation and management aspects of a public facility within a given city. (for Year 2)

**Hours to be allocated:** 80

**Contact hours:**

Face-to-face learning = 100 hours

Total = 100

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](http://readinglists.uwe.ac.uk) via the following link

## Part 4: Assessment

**Assessment strategy:** 100% Written Assignment (coursework) assessment containing the Written Submissions, In class tutorials and Design Studio-based assignments.

NOTE: In Part II Year 1 (Year 5) teaching starts in year 1 but the assessment will be taken and credit given in Part II Year 2 (Year 6).

### Assessment tasks:

#### Written Assignment (First Sit)

Description: A Written Assignment (coursework) containing written submissions on:

Urban Design

Transport

Landscaping

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO10, MO11, MO12, MO13, MO2, MO3, MO4, MO5, MO6, MO7, MO8, MO9

#### Written Assignment (Resit)

Description: A Written Assignment (coursework) containing written submissions on:

Urban Design

Transport

Landscaping

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO10, MO11, MO12, MO13, MO2, MO3, MO4, MO5, MO6, MO7, MO8, MO9

## **Part 5: Contributes towards**

This module contributes towards the following programmes of study:

Architecture and Environmental Design [SriLanka] MArch 2022-23