



## **Module Specification**

### **Urban Design, Planning and Sociology 5**

Version: 2023-24, v2.0, 09 Aug 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>12</b>
<b>Part 4: Assessment.....</b>	<b>15</b>
<b>Part 5: Contributes towards .....</b>	<b>20</b>

## Part 1: Information

**Module title:** Urban Design, Planning and Sociology 5

**Module code:** UBPMWF-24-3

**Level:** Level 6

**For implementation from:** 2023-24

**UWE credit rating:** 24

**ECTS credit rating:** 12

**College:** College of Arts, Technology and Environment

**School:** CATE School of Architecture and Environment

**Partner institutions:** City School of Architecture Sri Lanka

**Field:** Planning and Architecture

**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:** Pre-requisites: Passed the Part I CSA Examination / Exempted from SLIA Part I Professional Practice Examination

Transferable Skills:

Collect, analyse and manage data from a wide variety of sources.

Critical thinking, creative interpretation of subject area in design

Work with limited or contradictory information

Communicate effectively in a variety of formats

Work independently and in groups.

**Features:** Not applicable

**Educational aims:** See Learning Outcomes below:

#### URBAN DESIGN - ARCH/URBAN 2610

On completion of this Module students would have developed:

Awareness :

of the history and evolution of cities and urban spaces.

Knowledge :

of Urban design and the Architects' role.

of the Generic forces of urban design and their social implications.

of the thoughts and ideas of early and contemporary urban theoreticians.

of the urban design concepts and layout of cities.

of urban – rural dichotomies.

Understanding:

of urban design principles and its relevance to the builtscape of a city.

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

Ability:

to integrate the design of a building within its given urban context taking into consideration the influential factors of the city and its urbanscape, and development controls.

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

#### PLANNING - ARCH/PLANNING 2610

On completion of this Module students would have developed:

Awareness :

of the evolution and development of physical planning of cities and their social relevance.

Knowledge :

of the evolution and development of physical planning in Sri Lanka at the national, regional and local levels.

of the planning team.

of the planner – architect relationships.

of human settlement planning in Sri Lanka.

Understanding :

of the concepts and planning principles of cities.

of the planning process in Sri Lanka, related legislation and its implementation.

of the current global issues and its implications on the planning of cities.

Ability:

to integrate the design of a building within its given planning context.

to converse and communicate with a planning team on the aspects of architectural design in relation to the planning of a city.

SOCIOLOGY - ARCH/SOCIOLOGY 2610

On completion of this Module students would have developed:

Knowledge :

of the concepts of sociology and design implications.

of the concepts and thoughts on urban societies.

Understanding :

of the Sri Lankan society.

of the City of Colombo as a global city and its urban society.

Ability :

to integrate a social dimension to design by understanding the needs, aspirations

and values of users of buildings.

## HOUSING - ARCH/HOUSING 2610

On completion of this Module students would have developed:

### Awareness:

of the global situation of the urban poor and shelter statistics.

of the housing concepts and strategies used to shelter the urban poor.

of the goals, standards and agencies related with shelter provision for the urban poor.

### Knowledge :

of the Urban poor in Sri Lanka and related statistics.

of the housing strategies implemented to shelter the urban poor in Sri Lanka.

Implementing agencies in Sri Lanka.

### Understanding :

of creating sustainable neighbourhoods for the urban poor in Sri Lanka.

### Ability :

to integrate the needs of the urban poor in the design and planning of cities, housing and public facilities.

## **Outline syllabus:** URBAN DESIGN

### 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 & 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

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, bio mass energy; relationship to the earth

Landscape: open space and landscape design; public access to open space; open space networks; wild life and ecology; topography; micro climate; urban forestry

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)

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

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; ware housing

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)

Main Topic 3 :

IMPLEMENTATION, DELIVERY AND URBAN MANAGEMENT (Term 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 bench marking, incentives, disaster management

PLANNING - ARCH/PLANNING 2610

Main Topic 1 :

EVOLUTION & DEVELOPMENT OF PLANNING (Term 1)

Introduction to the evolution and development of physical planning of cities and their social relevance.

The planning team

The architect and the planner relationships

Human settlements planning – its evolution and development in Sri Lanka

The planning process in Sri Lanka, implementing agencies, related regulations

Concepts and principles in planning of cities

Managing a city- disaster and risk management

Main Topic 2 :

THE PLANNING PROCESS AND ITS IMPLEMENTATION (Terms 1 & 2)



Environment and land use planning, land use plans and other development plans, the UDA plan preparation system, their implementation

Demography/population studies and its significance in planning, the population pyramids of different countries and their interpretations through case studies (practical)

SWOT analysis, its application on planning through project reviews (practical)

Main Topic 3 :

**CURRENT GLOBAL ISSUES AND THEIR IMPLICATIONS OF PLANNING (Term 3)**

The impact of global processes on the planning and design of cities and towns as seen through case studies

Global warming and impact on bio-diversity and planning, natural disasters/epidemics/wars and impact on planning, globalisation and planning, the rise and fall of powerful world economies and their impacts on planning, the open economic system and the property market and planning implications etc.

Urban re-generation

Principles of sustainable urban development

Disaster management and Planning

**SOCIOLOGY - ARCH/SOCIOLOGY 2610**

Main Topic 1 :

**CONCEPTS OF SOCIOLOGY & DESIGN IMPLICATIONS (Term 2)**

Key concepts in social studies

Social structure, social organization and design

Society, culture and design

Main Topic 2 :

THE SRI LANKAN SOCIETY (Term 3)

Evolution of Sri Lankan society

Pre- Colonial era and the Sri Lankan society

The Colonial periods (Portuguese, Dutch and British) and the Sri Lankan society

Post Independence era and Sri Lankan society

Post economic liberalization and Sri Lankan society

Main Topic 3 :

THE CITY & URBAN SOCIETY (Term 3)

The pre-industrial, industrial and post- industrial city

City and the urban society

Concepts and thoughts on the urban society (eg: Tonnie, Wirth, Lewis Mumford etc.)

Globalisation, the global city and the urban society

Colombo and global culture

HOUSING - \* ARCH/HOUSING 2610

Main Topic 1 :

THE URBAN POOR & SHELTER NEEDS (Term 3)

Urban poor – the global situation

Goals, standards and implementing agencies

The evolution and development of housing since post world war

Housing concepts for the urban poor - the provider based and support based paradigms

The ideas and thoughts of Christopher Alexander (Lima,Peru), John Turner (incremental housing), Ammos Rapoport, John Habraken (core housing), Charles Corea (Belapur, India), BalakrishnaDoshi (Aranya,India), HarifHasan (Orangi Pilot Project,Pakistan), Mohamed Yunus (the Grameen concept, Bangladesh), Hassan Fathy (building for the poor, Egypt), R.Premadasa (million houses programme Sri Lanka)

Main Topic 2 :

HOUSING THE URBAN POOR IN SRILANKA (Term 3)

Urban migration, the urban poor of Sri Lanka, demography statistics, urban poor settlements

State strategies for housing the urban poor and implementing agencies

The aided self help housing and million houses programme

Current efforts for housing provision

The social organisations and social structure, community net work of the urban poor

Housing provision, social infrastructure (community facilities), employment opportunities, empowering and creating sustainable communities, housing layouts (row,cluster, walk-up and multi – level

housing) as seen through case studies

Concepts for addressing energy use, livelihood, construction and implementation, management of neighbourhood communities in a sustainable manner.

### 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.

PLANNING: The delivery of this Module will be through: Lectures, Visual Presentations, Field Visits, Seminars, Tutorials.

SOCIOLOGY: The delivery of this Module will be through: Lectures, Guest Lectures, Field Visits, Seminars, Tutorials.

HOUSING & COMMUNITY: The delivery of this Module will be through: Lectures, Guest Lectures, Studio related Workshops.

Contact hours:

#### URBAN DESIGN

Lectures - 56

Practicals/ Guest Lectures - 10

Seminars - none

Tutorials - 4

Independent learning - 30

Assessment - 4

Directed Learning - none

Total Notional Student Effort - 100 Contact hours

#### PLANNING

Lectures - 24

Practicals/ Guest Lectures - 6

Seminars - 12

Tutorials - 12

Independent learning - 30

Assessment - 6

Directed Learning - none

Total Notional Student Effort - 60 Contact hours

**SOCIOLOGY**

Lectures - 24

Practicals/ Guest Lectures - 4

Seminars - 4

Tutorials - 4

Independent learning - 10

Assessment - 4

Directed Learning - none

Total Notional Student Effort - 40 Contact hours

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

**MO1 PLANNING - ARCH/PLANNING 2610**

On completion of this Module students would have developed:

Awareness :

of the evolution and development of physical planning of cities and their social relevance.

Knowledge :

of the evolution and development of physical planning in Sri Lanka at the national, regional and local levels.

of the planning team.

of the planner – architect relationships.

of human settlement planning in Sri Lanka.

Understanding :

of the concepts and planning principles of cities.

of the planning process in Sri Lanka, related legislation and its implementation.

of the current global issues and its implications on the planning of cities.

Ability:

to integrate the design of a building within its given planning context.

to converse and communicate with a planning team on the aspects of architectural design in relation to the planning of a city.

**MO2 SOCIOLOGY - ARCH/SOCIOLOGY 2610**

On completion of this Module students would have developed:

Knowledge :

of the concepts of sociology and design implications.

of the concepts and thoughts on urban societies.

U

nderstanding :

of the Sri Lankan society.

of the City of Colombo as a global city and its urban society.

Ability :

to integrate a social dimension to design by understanding the needs, aspirations and values of users of buildings.

**MO3 HOUSING - ARCH/HOUSING 2610**

On completion of this Module students would have developed:

Awareness:

of the global situation of the urban poor and shelter statistics.

of the housing concepts and strategies used to shelter the urban poor.

of the goals, standards and agencies related with shelter provision for the urban poor.

Knowledge :

of the Urban poor in Sri Lanka and related statistics.

of the housing strategies implemented to shelter the urban poor in Sri Lanka.

Implementing agencies in Sri Lanka.

Understanding :

of creating sustainable neighbourhoods for the urban poor in Sri Lanka.

Ability :

to integrate the needs of the urban poor in the design and planning of cities, housing and public facilities.

**Hours to be allocated:** 240

**Contact hours:**

Independent study/self-guided study = 40 hours

Face-to-face learning = 200 hours

Total = 240

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/ubpmwf-24-3.html) via the following link <https://uwe.rl.talis.com/modules/ubpmwf-24-3.html>

## Part 4: Assessment

**Assessment strategy:** Class Reviews, Power Point Presentations, Written Submissions, Studio Discussions

Written Examination: (Urban Design, Planning & Sociology Question Paper

3 Sections: Urban Design, Planning, Sociology

2 Questions from each Section of which at least 1 should be answered totalling to 4.

Descriptive Questions, Questions based on Short Notes, Case Study / Project based Questions)

URBAN DESIGN

Start Week: 11 End Week: 13

Type: In class Tutorial T1 - Transport

Instructions / Descriptions: Group Assignment

Hours: 4 contact hours

Weighting: 1/27 of total 40%

Week 13 Week 15

Type: In class Tutorial T2 Bus Stop

Instructions / Descriptions:Written Submission

Hours: 06 Contact Hours

Weighting: 1/27 of total 40%

Week 15Week 17

Type: Assignment T3 Parking

Instructions / Descriptions:Written Submission

Hours:04 Contact Hours

Weighting: 1/27 of total 40%

Week 22Week 25

Type: Assignment T4 Responsive Environment

Instructions / Descriptions:Written Submission

Hours:04 Contact Hours

Weighting: 1/9 of total 40%

JulyYear-end written examination60%

## PLANNING

Week 20Week 25

Type: Seminar International Issues

Instructions / Descriptions:Class Reviews, Power Point Presentations, Written Submission

04 Contact Hours

Weighting: 1/9 of total 40%

Week 26Week 26

Type: Tutorial 1 Demography

Instructions / Descriptions: In class Written Submission

02 Contact Hours

Weighting: 1/9 of total 40%

Week 28Week 28



Type: Tutorial 2 Layout Planning

Instructions / Descriptions: In class Written Submission

04 Contact Hours

Weighting 1/9 of total 40%

July Year-end written examination 60%

## SOCIOLOGY

Hours:

Hours: Weighting:

Weighting:

Week 20 Week 20

Type: In class Tutorial for Assignment T1

Instructions / Descriptions: Class Reviews

02 Contact Hours

Week 26 Week 29

Type: Tutorial T2 "The ultimate object of design is profit"

Instructions / Descriptions: Written Submission

06 Contact Hours

Weighting: 1/3 of total 40%

July Year-end written examination 60%

### **Assessment tasks:**

#### **Examination (First Sit)**

Description: Written Examination

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3

**Written Assignment (First Sit)**

Description: 2. Written submission – Planning

Weighting: 10 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

**Written Assignment (First Sit)**

Description: 1. Written submission – Urban Design

Weighting: 10 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

**Written Assignment (First Sit)**

Description: 3. Written submission - Planning

Weighting: 10 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

**Written Assignment (First Sit)**

Description: 4. Written submission - Sociology

Weighting: 10 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

**Examination (Resit)**

Description: Written Examination

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3

**Written Assignment (Resit)**

Description: Resubmission of Written submission for failed coursework or previous years mark for passed coursework

Weighting: 10 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

**Written Assignment (Resit)**

Description: Resubmission of Written submission for failed coursework or previous years mark for passed coursework

Weighting: 10 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

**Written Assignment (Resit)**

Description: Resubmission of Written submission for failed coursework or previous years mark for passed coursework

Weighting: 10 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

**Written Assignment (Resit)**

Description: Resubmission of Written submission for failed coursework or previous years mark for passed coursework

Weighting: 10 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

## **Part 5: Contributes towards**

This module contributes towards the following programmes of study:

Architecture and Environmental Design [SriLanka] MArch 2023-24