



Module Specification

Theory of Architecture 5

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Part 1: Information

Module title: Theory of Architecture 5

Module code: UBPMVW-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: 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: To expose students to the different design thinking and design processes adopted by architects in their works based on their individual philosophies and biases and the teaching curriculum of different schools of architecture in order to direct the student towards establishing their own philosophical approach to design.

Features: Not applicable

Educational aims: Transferable skills

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

Critical thinking, creative interpretation of taught subject in design; Work with limited or contradictory information;

Communicate effectively in a variety of formats;

Work independently and in groups.

Outline syllabus: Main Topic 1 : INTRODUCTION TO DESIGN THINKING & THE DESIGN PROCESS (Term 1)

Introduction to the ideas and thoughts of early and contemporary theoreticians on design thinking and the design process through book reviews.

The different design processes as seen and discussed through the philosophies and works of architects: the trial and error design process; the iconic design process; the canonic design process; design, as a problem solving process; design, as art; design, as a spatial experience; design, as green; design as geometry etc.

The Design Process –the Concept, Abstract Imagery - Image and Form of building, achieving the design concept.

Question the relationship of the design process to an architect's personal philosophy, and understand the nuances and influences of the typology of building on the design process.

The interpretations of the design process by different schools of architecture through their teaching curriculum, reviewed through case studies.

Main Topic 2 : DESIGN, AS A PROBLEM SOLVING PROCESS (Term 2)

To orientate the student to the analytical approach to architecture; understanding the cause and effect relationship and questioning the norm and definitions for art, architecture, design and communication of architecture.

The design process outline: the analysis stage: analysis of the design problem against the back drop of assimilated information; the creative stage: the sub conscious factor and past experiences;

Synthesis stage: the synthesis of a form or abstract imagery for the building.

Problem analysis: a scientific/logical process of analyzing the problem, prioritizing and identifying the primary objective of the design.

The concept or the idea: architecture as a spatial ambience or mood.

Form determinants: factors that influence the form.

Form making and the principles of composition – plan form, roof form, spatial volume and character, hierarchical order of spaces, spatial progression, manipulation of focal points, axes and views.

Shaping of the form: the importance of detailing to reform the crude form or image, the influence of secondary determinants, the language for detailing (scale, proportion, colour, texture, light etc).

Learning from precedence studies, the current trends and the generic form.

Presenting the design: skills required to verbally, graphically and in writing present and communicate the design; the “idea” and the line of reasoning.

Main Topic 3 : DEVELOPING ONE’S OWN PHILOSOPHY TO DESIGN (Term 2)

critical evaluation and an artistic appreciation.

The characteristics of creativity.

Establishing one own bias/style.

Establishing one’s own philosophy to design.

Part 3: Teaching and learning methods

Teaching and learning methods: The delivery of this Module will be through:

Lectures, Book Reviews, Seminars, Tutorials.

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

MO1 Knowledge of the design thinking of early and contemporary theoreticians.

MO2 Knowledge of the different design processes adopted by architects based on their own philosophies and biases.

MO3 Knowledge of the different design processes adopted by schools of architecture based on their academic biases.

MO4 Understanding of the different design processes.

MO5 Understanding of the approach to design as a problem solving process as advocated in the academic curriculum.

MO6 Ability to form one's own bias in order to establish one's own philosophy to design.

MO7 Ability to discuss the design philosophies of others and draw inferences as necessary for design and the dissertation.

Hours to be allocated: 80

Contact hours:

Independent study/self-guided study = 40 hours

Face-to-face learning = 40 hours

Total = 80

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/ubpmvw-8-3.html) via the following link <https://uwe.rl.talis.com/modules/ubpmvw-8-3.html>

Part 4: Assessment

Assessment strategy: Portfolio of work. The assessment on this module is an iterative process that students undertake as a series of tasks that allow them to focus on different aspects of the teaching and learning building on gradual feedback to create a portfolio of work as the module progresses.

Assessment tasks:

Portfolio (First Sit)

Description: Written submission

Weighting: 100 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6, MO7

Portfolio (Resit)

Description: Written submission

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6, MO7

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Architecture and Environmental Design [SriLanka] MArch 2023-24