



Module Specification

Theory of Architecture 2

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Part 1: Information

Module title: Theory of Architecture 2

Module code: UBPMKG-8-2

Level: Level 5

For implementation from: 2020-21

UWE credit rating: 8

ECTS credit rating: 4

Faculty: Faculty of Environment & Technology

Department: FET Dept of Architecture & Built Environ

Partner institutions: None

Delivery locations: City School of Architecture Sri Lanka

Field: Planning and Architecture

Module type: Standard

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: This module will enable students to obtain a theoretical understanding of ARCHITECTURAL DESIGN and its creation by looking at the Elements that form the Language of Architecture, the fundamentals of Design Thinking and the Design Process, and the concepts related to man and society and the design of dwellings and the built environment.

Features: Not applicable

Educational aims: Students will be able to:

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

Critical thinking, creative interpretation of taught subject in architectural 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 - ARCHITECTURE as the “ART” and “SCIENCE” of building
(Term1)

Understanding architecture through quotations.

Understanding the aesthetic and technical aspects of architecture through examples.

Understanding the difference between Architecture and a mere Building through examples.

Main Topic 2:

INTRODUCTION TO ELEMENTS THAT FORM THE LANGUAGE OF
ARCHITECTURE & THEIR APPLICATION IN DESIGN (Terms 1 &2)

Introduction to Language and Style

Introduction to -

Primary Elements:

Points, Lines , Planes ,Volumes and Openings

Physical Elements:

Solid, Void, Textures.

Conceptual Elements:

Conceptual Elements:

Proportions & Anthropometrics – understanding the Golden section, Classical proportions, Modular and Ken.

Measurement, Scale and Ratio- understanding units of measurements, domestic/urban scale

Image, Form and Shape

Space and Function

Mass and Massing

Ornamentation and Style

Visual Elements:

Unit and the whole, Composition

Unity, Harmony and Coherence

Rhythm and Repetition

Balance and Contrast

Symmetry and Asymmetry

Disunity and Fragmentation

Light and Shade

Tones and Textures

Colour and application in design

primary colours, complementary colours, cool & warm colours, neutral colours,

colour relativity, colour wheel, colour mixing, light and colour, colour matching,

undertones, hue, tint and shade

social and psychological value of colour.

Main Topic 3:

THE DESIGN PROCESS (Term 3)

Creative Thinking in Design

Design as a Creative Process, Alternate perceptions of the Design Process design as problem solving, design as a pragmatic process, design as trial and error, design as art, design as a spatial experience, design as iconic.

The Design Process – Client's objectives, the Design Brief, Understanding the Design Problem, Generators and Modifiers of Architecture (primary, secondary and tertiary factors), identifying the primary objective of the design, the Concept, Abstract Imagery - Image and Form of building, achieving the design concept, Functions of buildings and Activity Patterns, Bubble Diagrams and Zoning Diagrams.

Main Topic 4:

COMMUNICATION & PERCEPTION IN ARCHITECTURE (Term 2)

The sensory organs

The EYE as a sensory organ

The human eye and mind as perceivers of architecture

Physical stimuli in architecture

Perception – the process

Visual, Physical and Psychological perceptions

Signs and Symbols

Direct and indirect communication

Denotative and connotative meaning

Homogeneity of architecture.

Part 3: Teaching and learning methods

Teaching and learning methods: The delivery of this Module will be through:
Lectures, Visual Presentations, Individual/Group Seminars, Tutorials, Field Visits.

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

MO1 Awareness of Architecture as the “ART” and “SCIENCE” of building.

MO2 Awareness of the difference between “Architecture” and a mere “Building”.

MO3 Knowledge of Elements that form the Language of Architecture.

MO4 Knowledge of the Design Process and its numerous perceptions.

MO5 Knowledge of the relationship between man and society and the design of dwellings and human settlements.

Hours to be allocated: 80

Contact hours:

Independent study/self-guided study = 20 hours

Face-to-face learning = 60 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/ubpmkg-8-2.html) via the following link <https://uwe.rl.talis.com/modules/ubpmkg-8-2.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 components:

Portfolio - Component A (First Sit)

Description: Portfolio consisting of:

Encoding and Decoding: Product of Art (expression) 10%

Physical stimuli in Architectural space 20%

Compose an Architectural space of calmness using minimal elements 20%

Light and Architecture, a study of a building (20%)

Factors of Coherence (composition) 20%

Theory of Negates (composition) 10%

Weighting: 100 %

Final assessment: Yes

Group work: No

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

Portfolio - Component A (Resit)

Description: Portfolio consisting of:

Encoding and Decoding: Product of Art (expression) 10%

Physical stimuli in Architectural space 20%

Compose an Architectural space of calmness using minimal elements 20%

Light and Architecture, a study of a building (20%)

Factors of Coherence (composition) 20%

Theory of Negates (composition) 10%

Weighting: 100 %

Final assessment: Yes

Group work: No

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

Part 5: Contributes towards

This module contributes towards the following programmes of study: