



Module Specification

Dissertation 7

Version: 2023-24, v1.0, 06 May 2022

Contents

Module Specification	1
Part 1: Information	2
Part 2: Description	2
Part 3: Teaching and learning methods	3
Part 4: Assessment.....	5
Part 5: Contributes towards	9

Part 1: Information

Module title: Dissertation 7

Module code: UBPMXX-16-M

Level: Level 7

For implementation from: 2023-24

UWE credit rating: 16

ECTS credit rating: 8

Faculty: Faculty of Environment & Technology

Department: FET Dept of Architecture & Built Environ

Partner institutions: None

Delivery locations: Not in use for Modules

Field: Planning and Architecture

Module type: Module

Pre-requisites: Architectural Studies 3 2023-24

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: To engage students to research, assimilate, analyse and comprehend information in order to interpret and communicate their design ideas and thoughts on their comprehensive design project, through a set of Detail Drawings and a Design Report. To engage students to research, assimilate, analyse and comprehend information, in order to make conclusions and recommendations on a topic of their choice in relevance to architecture or the built environment through a Dissertation.

Features: Not applicable

Educational aims: Collect, analyse and manage data from a wide variety of sources. Critical thinking, creative interpretation of the subject in design Competency in common graphic and drawing (2D and 3D) software packages, hand drawing and technical drafting Work with limited or contradictory information Communicate effectively in a variety of formats
Work independently and in groups.

Outline syllabus: Main Topic 1 : DETAIL DRAWINGS OF COMPREHENSIVE DESIGN PROJECT (Terms 2 & 3) To design, detail and draw to express through drawings the full design implications and constructability of the comprehensive design project. Detail Drawing Set to include (in addition to the drawing list specified for the comprehensive design project under the Design stream.)

Main Topic 2 : DESIGN REPORT (Terms 3) Research, assimilate, analyse and comprehend information in order to interpret and communicate design ideas and thoughts on the comprehensive design project, through a Design Report. Design Report: A4 format or other (creative interpretation of information with clarity) 5 copies/ Approx.. 10 pages

Main Topic 3 : DISSERTATION (Terms 1,2&3) The aim of the Dissertation : The aim of this Examination component is to give the student an opportunity to present an original work in written form to contain not less that 10,000 words on any approved national or international subject relevant to Architecture / Built Environment.

Dissertations could vary in scope and be descriptive studies, analytical studies, comparative studies, or one that establishes and verifies hypothesis. The dissertation allows the student to act on his/her on initiative in investigating a subject he/she has chosen. In addition he/she must read widely and understand diverse material relevant to the topic. This exercise is primarily intended to test the student's ability to understand the background of a subject and to analyse and logically present facts and opinions in a sequential order, in order to establish a finding or a relationship.

Part 3: Teaching and learning methods

Teaching and learning methods: The delivery of this Module will be through: Set Design Projects, Exercises in relation to Design Projects, Design Workshops, Guest Lectures, Organized Field Visits in relation to Design Projects, Discussions & Reviews of other works, Book Reviews, IT Lab work, Research

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

MO1 Knowledge of the different graphical and written methods used to communicate design ideas and design thoughts.

MO2 Knowledge of the different methodologies used for sourcing and referencing of information, conducting of case studies and surveys to communicate a researched topic through the written medium.

MO3 Understanding of the communication of a design, through drawings, models and details.

MO4 Understanding of the report formats necessary to explicitly communicate design ideas and thoughts, through the written medium in the form of a design report.

MO5 Understanding of the dissertation formats necessary to explicitly communicate researched information and findings as a dissertation.

MO6 Ability to comprehensively discuss and communicate design thoughts and ideas to others, through the oral, graphical and written mediums.

MO7 Ability to communicate researched information and findings as a dissertation and to discuss such findings with others, orally.

Hours to be allocated: 160

Contact hours:

Face-to-face learning = 80 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/ubpmxx-16-m.html) via the following link <https://uwe.rl.talis.com/modules/ubpmxx-16-m.html>

Part 4: Assessment

Assessment strategy: Main Topic 1:

DETAILS (2 – 3 A1 SHEETS) At least five (5) details of special design features of the building explicitly showing the concept of the detail, construction process, materials used and specifications. Service Layouts (service and zoning concepts, layouts for water supply, drainage and rain water disposal, electrical supply, air-conditioning, fire safety) in A3 size booklet. Special details showing climate responsiveness. Special details showing sustainability of design. Details of Landscape and Interior ambience. SAMPLE BOARD Sample Board indicating finishes and materials.

Main Topic 2:

Section 1 – Architectural Design Report Introduction / Project background / Client & Funding of Project / Justification of Project Context – macro and the immediate context Site User/s Development Controls and regulations Design Approach Client's brief & Design Brief Analysis & Precedence studies Design Concept (explorations & justifications) Master Plan Proposals – if any Architectural Design Concept for Interior Concept for Landscape Section 2 – Technology Report Concept for Structure Concept for Services Concept for Lighting / Acoustics / other Special Services Concept for parking of vehicles Concept for Climate Responsiveness and Sustainability of Design Ideas for Building maintenance & Management **Set of services Drawings can be included with report. Section 3: Economic Feasibility Report Preliminary Costing of Building Comment on Financing of the Projects

Main Topic 3:

Procedure for selecting and approving the Dissertation Topic :The student is expected to first discuss the subject of the Dissertation with the assigned tutor. After many drafts and discussions a Synopsis for the Dissertation has to be worked out for the approval of specially appointed CSA and Examiners. The Examiners would assess the scope and magnitude of the work as relevant to the subject. The subject contents will be assessed by the examiners in the broadest sense and the topic should have relevance to Architecture or the Built Environment. When the Synopsis has been approved, students are expected to adhere to the approved subject and

recommendations made by the Examiners. Changes can be made after discussion with tutors and approval from the school. The Synopsis of the Dissertation should include: The Title Explanation / Background of the Subject Objective of the Study Methodology of the Study Scope and Limitations of the Study The Expected Outcome and Architectural Benefits The Bibliography / Sources of Information The Structure of the Dissertation: The dissertation should consist of an introduction, the body of the study, case studies and conclusions. The Introductory chapter should set out the parameters of the study. The body of the dissertation should be made up of several separate, but inter-related chapters that explore the subject under discussion. Adequate literature survey is recommended. The students' analytical skills and ability to methodologically organize and present information would be assessed. The number of chapters used will depend on the extent and magnitude of the research done. The students should present the available material clearly, concisely and in sequence. In manageable portions for both writing and for reading. The chapter headings should spell out the structure of the study and subject investigated. The student's own thoughts and words must be used, and opinions of others through quotations and references should be integrated to emphasize a point. All sources of information should be appropriately acknowledged and good practice in writing followed. Illustrations must be used to elaborate and explain a point or statement. Illustrations can be in the form of images, photographs, plans, diagrams, charts, tables etc. It is recommended that students use case studies to further investigate the subject and reinforce the ideas already discussed through the literature survey, through applied situations, Students should select meaningful case studies, describe them, analyse them and draw conclusions from them. Use Surveys could also be used as another method to further investigate the subject. The last chapter of the Dissertation – Conclusions and or Recommendations establishes the findings of the study. This is an important chapter when assessing the success of the study.

Recommended Structure for the Dissertation: Acknowledgements

(Acknowledgements are not a part of the text. They should be simple and factual and included in front.) Contents page - Chapters & sub chapters (numbered) with page numbers Abstract (One page summary of Dissertation) Chapter 1.0 Introduction Background of Study Objective of Study Methodology of Study Scope & Limitation of

Study Architectural Benefit of Study Other Chapters that form the body of the text
Case Studies Conclusions and Recommendations List of Illustrations Appendices
(Material to which reference is made which the reader may wish to check, should not be included in the body of the dissertation, but in the Appendices. They will normally include definitions, tables and details of other people's methods and interpretations, technical details etc. which do not form an integral part of the text. Bibliography (Full reading list) Books: Name of Author (Surname, first name), title of book (italics/bold), publisher, place of publishing, year Internet references: state all links and date of reference Bibliographies and References should be prepared very carefully. References may be given at the foot of each page, at the end of each chapter or at the end of the report. Foot notes should be used only where essential. They are used to amplify the text without destroying the continuity. **It is recommended that good practice in writing be followed by acknowledging the information sources in the Bibliography. When direct quotes are taken, or a point of reference is made acknowledgement of author of the reference material, using the Harvard Referencing System is recommended. Foot notes should also be used. **The Dissertation should include Declaration typed, signed and attached to the Dissertation in the standard format provided by CSA to validate authenticity of work. Plagiarism will not be tolerated and if a student is found guilty of such an act it would be treated as a punishable examination offense. Style of Writing : Each student should get his/her dissertation checked prior to typing. Brief and clear statements with correct spelling, grammar and punctuations are essential. The student is responsible for the finished product and all typing errors should be corrected – if not it will be treated as sloppiness and careless attitude to work. The text of the report should show the sequence of ideas, including the origin, development and the conclusions. Illustrations of various types are best placed with the text in order to emphasize the points to which they refer. They should be given clear captions and the text should refer to them for clarity of the presentation. The setting out of the text, the placing of the foot notes, the integration of illustrations or other material are all an important part of communication. The student must ensure that sufficient time is left for the final presentation. Marking Criteria: word count 10,000 words. * Research and Information Assimilation (25% marks) The ability to understand and describe the purpose and content of the study.

The ability to select appropriate primary and secondary sources of information for the

purpose of the study. * Analysis and Interpretation of Information 25% marks The ability to separate facts from opinions. The ability to analyse and interpret information. The ability to use other's opinions to reinforce and highlight findings. * Structure/Organization and Approach (20% marks) The ability to handle an issue systematically and achieve set objectives. * Rationale of Conclusions and Recommendations (20% marks) The ability to make conclusions and recommendations based on findings. * Presentation (10% marks) The ability to communicate effectively through a written presentation. Two external examiners mark the dissertations. ** In 2013 a Viva was introduced to the Dissertation module. 75% of the mark is taken from the external examiners mark 25% is taken from the mark from the Viva panel. Presentation: The Dissertation should be presented in the form of an essay, in simple, concise English, accompanied by sketches, photographs/images with written text, A4 format, hard bound form in three (3) copies of which one copy will be returned to the student. The dissertation must be properly presented to acceptable standards. Word count should be 10,000 words Type setting: Font: Times New Roman Font Size: 12 Spacing: Double Spacing (between lines)

Assessment components:

Dissertation (First Sit)

Description: 1.Dissertation 100%

2. Detail Drawings Marked under design

3. Design report Marked under design

4. Sectional Model Marked under design

Weighting: 100 %

Final assessment: Yes

Group work: No

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

Dissertation (Resit)

Description: 1.Dissertation 100%

2. Detail Drawings Marked under design

3. Design report Marked under design

4. Sectional Model Marked under design

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 [Oct][FT][SriLanka][3yrs] MArch 2021-22