Liverpool John Moores University

Title:	Architectural Design Project
Status:	Definitive
Code:	**7122AR** (123602)
Version Start Date:	01-08-2021
Owning School/Faculty:	Liverpool School of Art & Design
Teaching School/Faculty:	Liverpool School of Art & Design

Team	Leader
Aliki Myrto Perysinaki	Y
Dominic Wilkinson	
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Academic Level:	FHEQ7	**Credit Value:**	30	**Total Delivered Hours:**	26
Total Learning Hours:	300	**Private Study:**	274		

Delivery Options
Course typically offered: Semester 2

Component	Contact Hours
Lecture	8
Off Site	2
Seminar	14
Tutorial	2

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Artefacts	AS1	Design Project Presentation and Artefact.	60	
Artefacts	AS2	Technical and Environmental Design Presentation and Artefact.	40	

Aims

Architectural Design Project

To receive and develop a design brief, to appraise the brief, to prepare an initial design response, to prepare scheme drawings / models and to design a presentation carefully, sufficient to fully explain the proposals to a professional and non-professional audience alike. The drawings and models should 'speak for themselves' and the assignments may be assessed without recourse to verbal presentations. Students will be expected to view high quality architectural design as a prime mover in contemporary urban culture throughout Europe and to conceive and produce an example of significant architectural ambition for sites in Liverpool, the North West Region, or Europe. Attention is placed on the development of skills in architectural competition methodology, with particular competence and skill in drawing and communicating architectural ideas and detail.

Environmental, Structural & Construction Strategy & Detail
To demonstrate understanding of these key technological principles in the design of buildings, and the skill to develop specific technical design solutions in relation to the Architectural Project. Students will explore the integrated application of appropriate environmental engineering thinking, structural engineering and constructional detailing in three dimensions. This will be communicated through models and drawings, with annotation of the drawings as integrated texts.

Learning Outcomes

After completing the module the student should be able to:

1 Demonstrate, through application in design, knowledge and understanding of context and site analysis techniques, processes and communication.
2 Demonstrate a conceptual and critical approach to architectural design which integrates understanding of the needs and aspirations of building users.
3 Prepare a scheme design for a building of moderate complexity, in relation to a given context, using a range of media, and in response to a brief.
4 Demonstrate an appropriate level of competence in presentation techniques and acquired skills in the use of designated systems and equipment.
5 Investigate, evaluate and integrate constructional, structural and material strategies into a design project.
6 Investigate, evaluate and integrate strategies for environmental design and building services to create optimum internal environments in the context of sustainable design.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Artefacts 1	1	2	3	4
Artefacts 2	5	6		

Outline Syllabus

This module will comprise a design output for a described architectural project, or range of scenarios, along with a series of linked technical studies.

Each year the theme of the architectural project is derived from the co-ordinated research activity of the programme. For example educational buildings, and residential buildings have recently been the focus of academic activity with a range of partner organisations, and consequently these uses have been taken as the theme for this module.
A structured programme of activity will cover precedent, site analysis and typology as primers and informants of the design project through a combination of lectures and seminars. The design period for the architectural project will alternate tutorials and reviews (seminars), to support the student's own creative design process. Students are encouraged to find their own preferred design methodology, developed from a range of precedents, and consequently seminars responding to students outputs are central to the module. Subsequent technical studies, dealing with environmental factors, building structure and materiality are introduced through lectures with subsequent support in seminars.

Learning Activities

Each aspect of the module is initiated with a written brief and an introductory lecture, and then supported by a series of related lectures or seminars. The module is taught through tutorials and design reviews which occur weekly during each task, and it is the student's responsibility to make best use of these.
The work is studio based with an emphasis on peer review, group learning and student led investigation. As a substantial piece of design work is central to the module much of the learning is self-directed through creative practice.
Lectures from across the Year 5 programme will also inform the work of this module, and there is a focus on the holistic nature of design.

Notes

On behalf of all of the teaching team, I would like to give you a warm welcome to the second design module of the MArch. I hope that you find the project work ahead to be inspiring, and we look forward to working with you, in producing creative responses to housing matters in urban environments.