

## Architectural Design Project

### Module Information

2022.01, Approved

#### Summary Information

Module Code	7122AR
Formal Module Title	Architectural Design Project
Owning School	Liverpool School of Art & Design
Career	Postgraduate Taught
Credits	30
Academic level	FHEQ Level 7
Grading Schema	50

#### Teaching Responsibility

LJMU Schools involved in Delivery
Liverpool School of Art & Design

#### Learning Methods

Learning Method Type	Hours
Lecture	8
Off Site	2
Seminar	14
Tutorial	2

#### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-MTP	MTP	January	12 Weeks

#### Aims and Outcomes

Aims	<p>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 &amp; Construction Strategy &amp; 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.</p>
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Demonstrate, through application in design, knowledge and understanding of context and site analysis techniques, processes and communication.
MLO2	2	Demonstrate a conceptual and critical approach to architectural design which integrates understanding of the needs and aspirations of building users.
MLO3	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.
MLO4	4	Demonstrate an appropriate level of competence in presentation techniques and acquired skills in the use of designated systems and equipment.
MLO5	5	Investigate, evaluate and integrate constructional, structural and material strategies into a design project.
MLO6	6	Investigate, evaluate and integrate strategies for environmental design and building services to create optimum internal environments in the context of sustainable design.

### Module Content

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.
Module Overview	You will receive, develop and appraise a design brief, prepare an initial design response, prepare scheme drawings/models and design a presentation carefully and sufficiently to fully explain the proposals to a professional and non-professional audience. The drawings and models should 'speak for themselves' and the assignments may be assessed without recourse to verbal presentations. During the course of the module, you will be expected to demonstrate an understanding of key technological principles in the design of buildings, and the skill to develop specific technical design solutions in relation to the Architectural Project. You 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.
Additional Information	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.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Essay	Artefacts 1	60	0	MLO1, MLO2, MLO3, MLO4
Essay	Artefacts 2	40	0	MLO5, MLO6

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Aliki Myrto Perysinaki	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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