

Liverpool John Moores University

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Title: Experimental Design - Resolution
Status: Definitive
Code: **5124AR** (123457)
Version Start Date: 01-08-2021

Owning School/Faculty: Liverpool School of Art & Design
Teaching School/Faculty: Liverpool School of Art & Design

Team	Leader
Joanne Hudson	Y
Jim Sloan	
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Academic Level: FHEQ5 **Credit Value:** 20 **Total Delivered Hours:** 70.5

Total Learning Hours: 200 **Private Study:** 129.5

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	1
Seminar	14.5
Tutorial	35
Workshop	20

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Artefacts	AS1	Detail Design.	50	
Artefacts	AS2	Technical Study.	50	

Aims

The aims for this module are to develop experimental and explorative processes in architectural design thinking, production, technical studies, and representation. Students will develop their abilities in creative detailed design development and detailed resolution of their design project. They will also explore the integrated consideration of technical issues in relation to their design project, such as materials choice and detailed technical strategies, underpinned by principles of sustainability.

Learning Outcomes

After completing the module the student should be able to:

- 1 Have the ability to prepare and present design projects of diverse scale, complexity, and type in a variety of contexts, using a range of media, and in response to a brief. (GC1.1).
- 2 Have the ability to develop a conceptual and critical approach to architectural design that integrates and satisfies the aesthetic aspects of architectural design and the technical requirements of its construction and the needs of the user. (GC1.3).
- 3 Have knowledge of the application of appropriate theoretical concepts to studio design projects, demonstrating a reflective and critical approach. (GC2.3).
- 4 Have an understanding of the way in which designs relate their local context. (GC5.3).
- 5 Be able to explore a relevant line of inquiry relating to their design project using an appropriate evaluative methodology. (GC7.1).
- 6 Be able to communicate inquiries and outcomes through appropriate media. (GC3.3).

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

The module will seek to seamlessly integrate experimental thinking and explorative processes in the resolution of a design project. Students will derive the detail design of an architectural project from their previous research, thematic and brief development, and initial design proposals. A focus on experimental thinking and designing will continue throughout this module. They will then explore and integrate the consideration of technical issues in relation to their design project, such as materials choice and detailed technical strategies (environmental, structure and construction), underpinned by principles of sustainability. Research will be conducted to explore a relevant line of inquiry relating to their project using an appropriate evaluative methodology.

Learning Activities

The design learning activities will focus on developing and resolving a design project in increasing levels of detail. Also, research will be conducted to then explore a relevant line of inquiry relating to their design project using an appropriate evaluative methodology, and present the outcomes of this study. These learning activities will be supported through lectures, tutorials, seminars and workshops running during the course of the module. Students will also be expected to engage in a significant element of self-directed learning, as well as background reading and research. Presentation material is to be produced in terms of architectural drawings (plans, sections, elevations, and spatial studies) and models. Design development and process should be recorded in each student's sketch diary.

Notes

This module develops experimental and explorative processes in architectural design thinking, production, technical studies, and representation. Students will develop their abilities in creative detailed design development and detailed resolution of their design project. They will also explore the integrated consideration of technical issues in relation to their design project.

This module comprises two assignments; the first, of equal importance to the second, is a design project that fully resolves the previous design concept (5123AR). The second, is to demonstrate the tectonic resolution of this design project.