

## Liverpool John Moores University

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Title: Architectural Design 3 - Contextual Studies  
Status: Definitive  
Code: **5048AR** (117594)  
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Owning School/Faculty: Liverpool School of Art & Design  
Teaching School/Faculty: Liverpool School of Art & Design

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**Academic Level:** FHEQ5      **Credit Value:** 36      **Total Delivered Hours:** 182

**Total Learning Hours:** 360      **Private Study:** 178

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	9
Practical	36
Seminar	3
Tutorial	84
Workshop	50

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Artefacts	AS1	Workshop abroad. Verbal	10	

Category	Short Description	Description	Weighting (%)	Exam Duration
		presentation with accompanying slide show.		
Artefacts	AS2	Urban project group work. Submission of urban design project work undertaken as a group.	25	
Artefacts	AS3	Urban project individual work. Submission of urban design project work undertaken as an individual.	65	

## Aims

*To engage students in meaningful research which will underpin the architectural ideas to be explored in the urban context. The life of the square is primarily analysed in its sense of containment, proportional ratios, modulation and rhythm, materiality and memory. In a setting for future events and activities, architecture is imagined on ecological and sustainable principles with self-sufficiency in energy production. The square becomes the focus for individual architectural interventions in a mutual relationship between private and public domains.*

*The act of incisive observation, analysis, the drawing of conclusions and their application on the design process constitutes in conjunction with the idea, an overall approach towards the formulation of design.*

*The interrogation of space through the sectional perspective is the initial step in testing volumetric composition in a dialogue of 'interior landscape and outdoor room'<sup>1</sup> addressing neighbour's contextual relations and public realm.*

*The interrogation of the façade as the square's envelope will be achieved through the understanding of proportional mathematical modulation and composition.*

*Similarly the relationship to sunlight will be examined exhaustively for aspects of phenomenology and illumination- shading and harnessing of passive solar energy with integrated programmatic issues, materiality, structural order and sustainable construction.*

*The focus of group-work in the first three weeks, will expose the student to the value of personal initiative in a team context involving research, surveying and planning skills, formulation of design priorities and implementation of ideas on a master-plan. Individual work will be provoked from the overall design parameters set in the master-plan.*

*Studio staff will deliver nine illustrated lectures on historical, design and technological examples of excellence to complement the above subjects throughout the duration of the semester. Also, as part of an ongoing school programme, the module will be developing student's Personal Development Plan within the context of their Work Portfolio.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Research, understand and interpret related material towards the formation and development of their design project, in particular, urban building typologies and the interface between the public and private.
- 2 Assimilate into the design process: cultural, theoretical / conceptual ideas and technological concerns to integrate environmental and sustainable considerations.
- 3 Engage in the design process through testing and/or formulation of architectural / thematic ideas by the exploration of various media such as sketching, drawing, collage, model making and CAAD.
- 4 Competently demonstrate the ability to produce presentational / representational material employing verbal, written and drawing techniques.

## Learning Outcomes of Assessments

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

Artefacts	1	4		
Urban Project -group	1	2	3	4
Urban Project - Individual	2	3	4	

## Outline Syllabus

- *Eight, one hour specialist lectures related to project will be delivered, highlighting Urban Design ideas and Individual case studies.*
- *Design Workshops with specific outcomes per session will be run in parallel to Studio Design Tutorials to develop and provide focus to design. Workshops conclude with film programme.*
- *Group work to devise a masterplan for an urban element / area : e.g. street, urban space, etc.*
- *Survey of existing fabric : elevation studies*
- *Design response according to thematic orientation of group strategy*
- *Preparation of design material for presentation: sketch diary, drawings, models, sketches, CAAD*

## Learning Activities

Urban Design Studies:

Site visits will be undertaken to facilitate research and analysis of characteristics and features.

Group work will focus on the thematic development for a strategic plan from which the single project will evolve.

Individual Study:

A drawn survey of a designated building will be made. This will form the basis for the individual

study project in conjunction with the consideration of a thematic development from the group work.

Presentation material is expected to be produced in terms of architectural drawings (Plans, sections, elevations, spatial studies), models for both the group and individual components of this module. A slide show presentation will be required for the Workshop Abroad.

## **Notes**

Supplementary information and bibliography will be provided in the Module Handbook and project briefs.