

Liverpool John Moores University

Title: Architectural Design 5 - Environment, Ecology and Sustainability
Status: Definitive
Code: **6048AR** (117612)
Version Start Date: 01-08-2019

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

| Team | Leader |
|------------------------|--------|
| Aliki Myrto Perysinaki | Y |

Academic Level: FHEQ6
Credit Value: 24
Total Delivered Hours: 120

Total Learning Hours: 240
Private Study: 120

Delivery Options

Course typically offered: Standard Year Long

| Component | Contact Hours |
|-----------|---------------|
| Lecture | 8 |
| Practical | 21 |
| Seminar | 10 |
| Tutorial | 49 |
| Workshop | 32 |

Grading Basis: 40 %

Assessment Details

| Category | Short Description | Description | Weighting (%) | Exam Duration |
|-----------|-------------------|---|---------------|---------------|
| Artefacts | AS1 | Presentation, Artefact and Reflection - Final Design Review | 100 | |

Aims

To instil students with an understanding and appreciation of the process of interpreting thematic ideas into spatial design, the meaningful and considered integration of strategies for sustainable design, and to engender students with skills to consider how a building integrates with and contributes to the surrounding public

realm and wider urban environment.

Learning Outcomes

After completing the module the student should be able to:

- 1 1. Know, understand and interpret a number of ideas related to the phenomenon of culture.
- 2 2. Produce appropriate interpretative material such as: sketches, collages, drawings and models representing the above including report writing.
- 3 3. Produce design proposals based on the above and related to a specified city such as Liverpool.
- 4 4. Integrate within LO3 a specific focus in contemporary sustainability/environmental concerns.
- 5 5. Acquire basic knowledge in the following aspects related to practice: brief presentation, budget, health & safety and building construction.
- 6 6. Students will learn how to organize and structure Portfolio progress, document and archive coursework, and identify key action points for future.

Learning Outcomes of Assessments

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

| | | | | | | |
|----------------|---|---|---|---|---|---|
| Design Project | 1 | 2 | 3 | 4 | 5 | 6 |
|----------------|---|---|---|---|---|---|

Outline Syllabus

The over-arching theme of this Level is environment, ecology and sustainability; and further, the academic year as a whole is focussed on the rigorous exploration of spatial design at a range of scales, from urban massing and the integration of a building within the surrounding public realm to meaningful interior studies that capture the thoughtful and sophisticated articulation of light, space, materiality, texture and human occupation. The philosophical context for this module is intellectual culture, and how changes in culture might influence how we envisage, create and – crucially – meaningfully inhabit space. This module will generally engage students in the process of interpreting thematically and investigating through three-dimensional studies the notion of changing culture as built form.

Students will be encouraged to adopt an extreme moral stance in relation to climate change and their project's ecological impact, and to design integrated environmental strategies which respond to that position. Tutors will deliver illustrated lectures concerned with creative thinking and innovative approaches to the analysis and interpretation of the above agenda.

Learning Activities

Lectures, tutorials, studio design workshops, seminars, design reviews, C.A.A.D. and model workshop tuition. The student will be expected to engage in a significant

element of self-directed learning, as well as background reading and research.

Notes

This module will begin in Week 1. It will introduce students to the importance of researching, understanding and interpreting cultural ideas/phenomena related to cities. This will form the basis for the design proposals in cities such as Liverpool. Studies of relevant history and theories, technology and materials will underpin the module. Presentation of designs will take the form of models , drawings and other creative media, and will be presented in exhibition and portfolio format.