

Liverpool John Moores University

Title: ADVANCED ARCHITECTURAL DESIGN
Status: Definitive
Code: **6212BEUG** (122812)
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment
Teaching School/Faculty: Civil Engineering and Built Environment

Team	Leader
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Academic Level: FHEQ6 **Credit Value:** 30 **Total Delivered Hours:** 96
Total Learning Hours: 300 **Private Study:** 204

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	24
Off Site	12
Tutorial	12
Workshop	48

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	AS1	Interim presentation to assess progress	10	
Report	AS2	Strategic report including design and access statement	40	
Portfolio	AS3	Portfolio of architectural drawings	50	

Aims

To enable the student to work on a complex project that enables the integration and development of a range of professional skills in the context of sustainable and inclusive building design.

To be able to produce advanced level graphical and written information to communicate design ideas effectively.

Learning Outcomes

After completing the module the student should be able to:

- 1 Research and analyse relevant material to inform the outline design of a complex building project on a given site.
- 2 Analyse and evaluate factors including planning policy, design standards and environmental impact in order to produce an effective outline design.
- 3 Provide a rationale for the inclusive and sustainable design approach taken via, for example a Design and Access Statement, and Environmental Strategy.
- 4 Demonstrate high level skills in the production of a full set of architectural drawings to RIBA Plan of work stage 2

Learning Outcomes of Assessments

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

Interim presentation	1	2	
Strategic report	1	2	3
Architectural drawings	4		

Outline Syllabus

Learning outcomes are achieved through engagement with the design process for a complex (primarily non-residential) building project. Lectures & workshops will be provided on:

Urban design analysis, site and surrounding area analysis and context

Analysis of case studies of appropriate building type

Inclusive design theory and practice

Design guidance: planning policy and Design and Access Statements

Environmental impact and strategies to mitigate impact

3D-modelling using industry standard CAD packages

Production of material appropriate for a planning application including architectural drawings and supporting documentation.

Learning Activities

Lectures / tutorials

Workshop sessions in an IT room & design studio

A site visit(s) will be arranged subject to approval

Notes

This module requires the student to work on a complex project that enables the integration and development of a range of professional skills in the context of sustainable and inclusive building design.