

## Liverpool John Moores University

Title: ADVANCED ARCHITECTURAL DESIGN PROJECTS  
Status: Definitive  
Code: **6100BEUG** (117995)  
Version Start Date: 01-08-2018  
  
Owning School/Faculty: Built Environment  
Teaching School/Faculty: Built Environment

Team	Leader
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**Academic Level:** FHEQ6      **Credit Value:** 24      **Total Delivered Hours:** 114  
**Total Learning Hours:** 240      **Private Study:** 126

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	12
Practical	24
Tutorial	18
Workshop	60

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Artefacts	AS2	Project Analysis & Design Scheme	70	
Portfolio	AS1	Joint Project	30	

### Aims

*To enable the student to work on realistic projects that enables the integration and development of a range of professional skills in the context of sustainable building*

*design.*

*To develop the student's ability to engage with the process of design within environmental and technical and financial constraints.*

*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 Produce a range of project documentation to a professional standard.
- 2 Evaluate your role as architectural technologist in a group project.
- 3 Work effectively as a team member and demonstrate team working and presentation skills
- 4 Reflect and evaluate on your own core, technical and professional skills.
- 5 Research and analyse relevant material to inform the outline design of a fairly complex building project on a particular site.
- 6 Analyse and evaluate factors, legal constraints and environmental impact in order to produce an effective outline design from a given brief or idea.
- 7 Justify a rationale for the design approach taken and produce a design and access statement for a project.
- 8 Present and justify an outline design scheme for a building project through application of appropriate written, graphical and verbal communication.

## **Learning Outcomes of Assessments**

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

PROJ ANALYSIS & DESIGN SCHEME	4	5	6	7	8
JOINT PROJECT	1	2	3		

## **Outline Syllabus**

*Learning outcomes 1, 2 and 3 are achieved through a multi disciplinary joint project with other built environment students. This is a group based joint project conducted in a 2 week block period.*

*Learning outcomes 4, 5, 6, 7 and 8 are achieved through the engagement with the design process for a complex medium rise. Lectures and tutorials will be provided on the following:*

*Understanding design and designers,*

*Lead designers and the place of specialists; design methodologies,*

*Urban design analysis, site and surrounding area analysis and context, social context*

*The briefing process and formulation of a brief.*

*Design methods: site planning; environmental impact; responsive environments. landscaping*

*Design development and planning, design appreciation*

*Analysis of case studies of appropriate building type*  
*Design guidance and planning and development briefs.*  
*3D modelling using industry used CAD packages*  
*Awareness of range of packages used in industry,*  
*Production of presentational material appropriate for planning application, drawings,*  
*models.*

## **Learning Activities**

Lectures, studio work, C.A.D. tutorials , design reviews and presentations.

## **Notes**

This module enables students to develop outline designs for a given project within site, environmental and technical constraints and to produce appropriate project information to communicate their design ideas effectively. It is intended that the outline designs produced in Semester 1 will be further developed within the Project Development and Presentation Module in Semester 2.