

Advanced Detailed Design

Module Information

2022.01, Approved

Summary Information

Module Code	6306BEUG
Formal Module Title	Advanced Detailed Design
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	22
Workshop	44

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To apply and integrate core architectural technology skills to translate concept design scheme into a detailed building design.
------	---

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Develop an integrated set of detailed technical drawings including 3-D detailed components.
MLO2	2	Critically appraise alternative material and component choices with due regard to aesthetic, technical, environmental and financial considerations.
MLO3	3	Create a written technical specification.

Module Content

Outline Syllabus	It is intended that the student develops the individual architectural design prepared in the Advanced Architectural Design module into a detailed building design. Although the project is a continuation of the design from semester one the focus shifts to the technical, detailed design aspects including:- the process of architectural detailing and annotation - compliance with CDM regulations , risk assessment and hazard identification- compliance with building regulations and building performance- product research, selection and evaluation including passive design specification- specification writing- component schedulingStudents will also receive further tuition on Revit to generate 3-D models and production of drawings with an emphasis on detailed components.
Module Overview	
Additional Information	This module requires the student to continue work on the concept building design started in semester one, with an emphasis on the detailed design and specification.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Architectural drawings	60	0	MLO1, MLO2
Essay	Technical Report	40	0	MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Michael Farragher	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
--------------	--------------------------	-----------