

Building Refurbishment and Design

Module Information

2022.01, Approved

Summary Information

Module Code	5308BEUG
Formal Module Title	Building Refurbishment and Design
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	11
Workshop	33

Module Offering(s)

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

Aims and Outcomes

Aims	To demonstrate awareness of a range of factors affecting a residential building project and to produce detailed design documentation in accordance with building regulations. To further develop fundamental skills in the preparation and production of architectural drawings for a residential building refurbishment project.
------	---

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Develop a residential building refurbishment design through to the production of a coordinated set of architectural drawings including architectural details.
MLO2	2	Analyse and apply current regulatory requirements including fire safety to a building refurbishment project.
MLO3	3	Evaluate and identify appropriate solutions to technical constraints associated with a typical refurbishment project.

Module Content

Outline Syllabus	Detailed design development Methods and techniques for preparing detailed design documentation. Consideration of technical constraints, costs, health and safety, building regulations including fire safety Understanding of performance requirements and selection of sustainable materials Formulation of architectural details from first principles Integration and appreciation of structural system Integration and appreciation of services Preparation and coordination of design documentation Production of working drawings to an appropriate professional standard Correct annotation of details and interrelationships with other drawings General arrangement drawings, schedules, component and detail drawings
Module Overview	
Additional Information	This module enables students to further develop fundamental skills in the preparation and production of architectural drawings for a building project, with a focus on residential building refurbishment.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Portfolio	100	0	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Spencer Kelly	Yes	N/A

Partner Module Team

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