

Summary Information

Module Code	7446BEPG
Formal Module Title	Sustainable Design Management
Owning School	Civil Engineering and Built Environment
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	11
Workshop	22

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	To develop a strategic appreciation and critical application of sustainable and inclusive design for the refurbishment of commercial buildings aligned with regulatory and client requirements.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Critically review methods, theories and techniques of value management, in the context of building design and refurbishment.
MLO2	2	Critically review building design and refurbishment in the context of legislative compliance with particular consideration given to equality, diversity and inclusion.
MLO3	3	Critically evaluate the strategic direction of clients in order to develop and propose innovative and sustainable design proposals and projects.
MLO4	4	Utilise and apply industry standard software in order to optimise the design management process.

Module Content

Outline Syllabus	Value management Design management process, principles and documentation Building design & refurbishment for equality, diversity and inclusion Climate change, sustainable goals and building refurbishment CDM Regulations Building specification and sustainable materials to enhance building performance RIBA plan of work; Concept and detailed designs Corporate strategy; feasibility study and analysis BIM and design management Application of Revit
Module Overview	
Additional Information	This module develops student's ability to appreciate the importance developing and proposing sustainable building design and refurbishment projects in accordance with equality, diversity and inclusivity goals and the strategic direction of clients and commercial business.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Presentation	PowerPoint Presentation	30	0	MLO1, MLO2
Report	Sustainable Design Management	70	0	MLO1, MLO2, MLO3, MLO4

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