

#### Summary Information

Module Code	5530BEKL
Formal Module Title	Pathology and Inspection
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
LJMU Partner Taught

#### Partner Teaching Institution

Institution Name
International College IMPERIA

#### Learning Methods

Learning Method Type	Hours
Lecture	28
Workshop	42

#### Module Offering(s)

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

## Aims and Outcomes

Aims	To undertake advanced building inspections through the systematic appraisal of building defects causing decay and deterioration, in order to propose remediation solutions for commercial buildings and organisations.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Investigate, appraise and report on the causes of typical defects to commercial buildings.
MLO2	2	Select and evaluate appropriate remedial works, including costs, to a range of typical defects and scenarios
MLO3	3	Make informed judgements relating to building defects and overall condition in the context of building use, adaptation, ownership and associated legal frameworks
MLO4	4	Produce a design scheme for an existing building, considering its existing/future use

## Module Content

Outline Syllabus	Common building defects relating to commercial buildings, including defects related to foundations, masonry, timber, metal, dampness. Building Inspections: Survey Procedures, Recording a Survey, Survey Reports. Building Services: Defects and inspections of drainage, water supply, heating and ventilation services, sick building syndrome. Selection criteria for remediation options including building refurbishment. Building refurbishment and adaptation. Building design in the context of proposed remediation options. Method statements and risk assessments for building surveys and remedial works.
Module Overview	
Additional Information	This module introduces students to the study of building defects their causes and remedial measures, and the application to different building uses and ownerships.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Portfolio	100	0	MLO1, MLO2, MLO3, MLO4

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Tom Hogarth	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings