



## MODULE SPECIFICATION

Part 1: Information			
Module Title	Building Pathology		
Module Code	UBLLG1-15-3	Level	Level 6
For implementation from	2020-21		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Environment & Technology	Field	Architecture and the Built Environment
Department	FET Dept of Architecture & Built Environ		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p><b>Educational Aims:</b> To develop students' ability to engage with the pathology of buildings and undertake a full and comprehensive analysis and evaluation of failures and defects in a range of buildings and components.</p> <p><b>Outline Syllabus:</b> The pathology of building defects in relation to:            Building movement            Dampness and condensation            External and internal walls            Internal and external finishes            Rot and insect attack            Roof structure and coverings            Foundations and floors            Cladding            Concrete failure</p> <p><b>Teaching and Learning Methods:</b> The module is delivered through a variety of scheduled learning contact sessions made up of lectures and interactive tutorials.</p> <p>Delivery is designed to always include 'hands on ' practical learning based on typical real life</p>

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situations and circumstances that are encountered in industry. In all cases students are encouraged to explore, question and apply themselves and above all relate to and show respect to the views and opinions of others in forging their conclusions and recommendations.

A mixture of material is to be utilised including short videos which are both informative in deepening of the knowledge base as well as providing a pathway for critical thought processes and further analysis.

Learning in this module will be supported by a parallel programme of site visits and / or visiting experts speakers to demonstrate and expand upon teaching and learning about various defects and building pathology.

### Part 3: Assessment

The coursework based assessment will cover the broad curriculum via a personal research-based portfolio. The final summative assessment will be in the form of an end of module exam.

**Coursework:** Students will be required to undertake a range of activities and tasks throughout the teaching weeks which will culminate in the submission of a portfolio of material and evidence that is expected to demonstrate their ability to identify, analyse and carry out extensive further reading on both the technical and pathological aspects of defects in buildings. Furthermore the portfolio allows the student to critically evaluate literature as well as current practice which aligns with the profession of building surveying and the core competencies required by the RICS.

Students will be given formative feedback, group and individual vivas in tutorials as their portfolio of evidence is developed and reviewed to support and enhance the learning.

**Exam:** The final element is a 2 hour seen examination. Allowing students to demonstrate both the breadth and depth of knowledge of the topics covered. The exam which will provide a suitable, rigorous and effective mechanism under controlled conditions for measuring how effectively the students have attained the learning outcomes.

First Sit Components	Final Assessment	Element weighting	Description
Portfolio - Component B		50 %	Portfolio of a range of self-selected separate building defects that includes an analysis and examination on each reviewing the possible cause/s, effect/s implications supported by citation of suitable literature sources. (1,650 words max).
Examination - Component A	✓	50 %	Seen examination paper. (2 hours)
Resit Components	Final Assessment	Element weighting	Description
Portfolio - Component B		50 %	Portfolio (1,650 words max)
Examination - Component A	✓	50 %	Seen Examination. (2 hours)

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<b>Part 4: Teaching and Learning Methods</b>																			
Learning Outcomes	<p>On successful completion of this module students will achieve the following learning outcomes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Module Learning Outcomes</th> <th style="text-align: left;">Reference</th> </tr> </thead> <tbody> <tr> <td>Apply and demonstrate the process of building pathology in relation to the cause, origins and nature of building defects.</td> <td>MO1</td> </tr> <tr> <td>Diagnose and critically analyse a range of common building defects.</td> <td>MO2</td> </tr> <tr> <td>Critically evaluate past and current construction techniques, materials and standards of work performance, examining how they can contribute to premature building failure.</td> <td>MO3</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Apply and demonstrate the process of building pathology in relation to the cause, origins and nature of building defects.	MO1	Diagnose and critically analyse a range of common building defects.	MO2	Critically evaluate past and current construction techniques, materials and standards of work performance, examining how they can contribute to premature building failure.	MO3										
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Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p>																		

<b>Part 5: Contributes Towards</b>	
<p>This module contributes towards the following programmes of study:</p> <p>Building Surveying [Sep][FT][Frenchay][1yr] MSc 2020-21</p> <p>Building Surveying {With Preparatory Studies} [Sep][FT][Frenchay][2yrs] MSc 2020-21</p> <p>Building Surveying [Sep][FT][Frenchay][2yrs] GradDip 2020-21</p> <p>Building Surveying [Sep][PT][Frenchay][2yrs] MSc 2020-21</p>	