



MODULE SPECIFICATION

Part 1: Information			
Module Title	Analysis of Building Defects		
Module Code	UBLMQS-15-2	Level	Level 5
For implementation from	2019-20		
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	Construction Technology and Services 2019-20, Introduction to Building Construction 2019-20		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Overview: Pre-requisites: students must take one out of UBLMAB-30-1 An Introduction to Building Construction or UBLMYS-30-1 Construction Technology and Services.</p> <p>Educational Aims: This module examines the nature, causes, diagnosis and consequences of domestic building defects, from the 18th century to the present day. It is concerned with the key surveying task of analysing, identifying and evaluating the condition of the fabric of existing buildings in order to be able to make judgements on the likely effect of condition on the performance of a building.</p> <p>The module is focussed primarily on domestic/domestic scale, low rise, urban buildings, and materials commonly used in their construction.</p> <p>Outline Syllabus: Topics covered include defects relating to:</p> <ul style="list-style-type: none"> Building movement Problems of dampness and condensation External and internal walls

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Internal and external finishes

Rot and insect attack

Roof structure and coverings

Foundations and floors

Teaching and Learning Methods: Contact time with staff will be split between Lectures, Tutorials and Site Visits:

Contact time, lectures, tutorials, site visits: 36 hours

Assimilation and development of knowledge: 74 hours

Exam preparation: 15 hours

Coursework preparation: 25 hours

Total study time: 150 hours

Scheduled Learning

The module will be delivered through a variety of scheduled learning contact sessions. These will involve:

1 hr lecture that will introduce the subject and signpost how it is to be interpreted for this module.

2 hr Tutorial sessions in smaller split tutorial groups. These will:

Always include activities which enable the student to explore and apply their own knowledge to specific situations;

Sometimes include a Faculty produced 25 minute films – used interactively to provoke questions and a deepening of knowledge;

Sometimes involve a multiple choice quiz to both reinforce and monitor learning.

This module will be supported by a parallel programme of site visits and / or visiting speakers to demonstrate and expand upon teaching and learning about various defects.

Independent Learning

In addition to the scheduled learning contact time, students will be required to undertake independent learning. This will include directed reading and self-directed research, drawing practice, exam and test preparation and summative coursework completion.

Part 3: Assessment

The assessment strategy for the module is made up of two components:

Component A

An end of semester exam which will provide a suitable, rigorous and effective mechanism under controlled conditions for measuring how effectively the students have attained the learning outcomes.

Component B

The Photographic Portfolio

Students to provide a Photographic Portfolio of a number of self-selected separate building defects and write a brief report on each reviewing the possible cause/s, effect/s implications and remedial works supported by citation

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of suitable literature sources.

Formative feedback opportunities for this component will be provided during tutorial sessions.

First Sit Components	Final Assessment	Element weighting	Description
Portfolio - Component B		50 %	Photographic portfolio
Examination - Component A	✓	50 %	Exam
Resit Components	Final Assessment	Element weighting	Description
Portfolio - Component B		50 %	Photographic portfolio
Examination - Component A	✓	50 %	Exam

Part 4: Teaching and Learning Methods

Learning Outcomes	On successful completion of this module students will achieve the following learning outcomes:											
	<table border="1"> <thead> <tr> <th>Module Learning Outcomes</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Identify the origins and causes of building defects</td> <td>MO1</td> </tr> <tr> <td>Diagnose common building defects</td> <td>MO2</td> </tr> <tr> <td>Evaluate how poor construction techniques, materials or workmanship can lead to premature building failure</td> <td>MO3</td> </tr> <tr> <td>Distinguish those defects common to older forms of construction</td> <td>MO4</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Identify the origins and causes of building defects	MO1	Diagnose common building defects	MO2	Evaluate how poor construction techniques, materials or workmanship can lead to premature building failure	MO3	Distinguish those defects common to older forms of construction	MO4	
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Contact Hours	<p>Independent Study Hours:</p> <table border="1"> <tbody> <tr> <td>Independent study/self-guided study</td> <td>114</td> </tr> <tr> <td>Total Independent Study Hours:</td> <td>114</td> </tr> </tbody> </table> <p>Scheduled Learning and Teaching Hours:</p> <table border="1"> <tbody> <tr> <td>Face-to-face learning</td> <td>36</td> </tr> <tr> <td>Total Scheduled Learning and Teaching Hours:</td> <td>36</td> </tr> </tbody> </table> <p>Hours to be allocated 150</p> <p>Allocated Hours 150</p>		Independent study/self-guided study	114	Total Independent Study Hours:	114	Face-to-face learning	36	Total Scheduled Learning and Teaching Hours:	36		
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Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p>https://uwe.rl.talis.com/modules/ublmqs-15-2.html</p>											

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Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Building Surveying [Sep][FT][Frenchay][2yrs] GradDip 2019-20

Building Surveying [Sep][PT][Frenchay][3yrs] GradDip 2019-20

Building Surveying {With Preparatory Studies} [Sep][FT][Frenchay][2yrs] MSc 2019-20

Building Surveying {With Preparatory Studies} [Sep][PT][Frenchay][3yrs] MSc 2019-20

Building Surveying [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Building Surveying [Sep][SW][Frenchay][4yrs] BSc (Hons) 2018-19