



MODULE SPECIFICATION

Part 1: Information			
Module Title	Introduction to Building Construction		
Module Code	UBLMAB-30-1	Level	Level 4
For implementation from	2018-19		
UWE Credit Rating	30	ECTS Credit Rating	15
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	Construction Technology and Services 2018-19		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Educational Aims: The module will introduce students to the evolution, principles and practices of domestic building construction. This will include domestic services technology. The module will also incorporate some environmental considerations. Additionally, it will provide some basic insight into domestic framed construction.</p> <p>Outline Syllabus: This is an indicative list of the key components likely to be studied although this may change to reflect programme requirements or contemporary issues at the time of delivery. The list does not represent the order of delivery.</p> <p>Domestic Building Construction:</p> <p>The context for and evolution of house construction</p> <p>Drawn communication</p> <p>Sites, soils and foundations</p> <p>External load bearing walls</p>

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Framed domestic buildings

Internal partitions

Floors

Roof structure

Roof coverings

Internal and external finishes

The content for each building category will also include discussion of related resource and operational concerns as well as an introduction to analysis of various building site and design conditions that influence the choice of specific methods of construction.

Domestic Services:

Electrical installations and safety

Drainage and rainwater management

Space heating

Hot water

Water supply

Gas

Environmentally responsible design and low-carbon methods of construction are also a consistent theme both regarding construction and services

Teaching and Learning Methods: Lectures are primarily used to introduce key concepts from the syllabus, and the interrelationship of these concepts. The lectures will also support the development of a group identity through interactions. Tutorials will incorporate activities and tasks to further develop the learning from the lecture.

Part 3: Assessment

Assessments will comprise of two components. Opportunities for formative feedback on draft work will be provided in tutorials.

Component A

Group presentations

To be held during the final assessment period, students will undertake a group presentation as part of a summative assessment in teaching block 2. This will measure how effectively, and to what extent students have attained the learning outcomes. The presentation will test students' level of knowledge, their ability to manipulate knowledge through responding to specific scenarios and requirements. It will cover all aspects of the syllabus.

By working in groups, the students will have a similar experience as real-world scenarios, and usefully apply their knowledge, enabling markers to further probe students' knowledge and understanding. It will also help develop skills needed for students' programme and profession.

To reduce the likelihood of plagiarism, the brief will require a full list of references to be submitted in advance of the presentation along with the presentation slides and/or materials. Students will have the opportunity to redistribute marks depending on individual's effort within the group work.

Component B

There are two elements in Component B:

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1. The Photographic Portfolio (50% of Component B)

A series of digital images compiled into a professional quality format. This portfolio will identify and describe various building components on existing housing and identify houses from a series of specific periods.

There is an early deadline for submission to allow an early feedback opportunity. To reduce the risk of academic offences, students will be required to provide addresses and a link to Google Maps for each image. Students will also be provided with guidance on the development and practice of good referencing techniques.

This element requires early and sustained engagement. The task is not overly- demanding in a strictly academic sense, but it requires a degree of research, endeavour and provides a professionally relevant production task. It provides a straightforward task which measures students' knowledge and engagement.

2. Studio Portfolio (50% of Component B)

The studio sessions provide regular formative learning and feedback to the student as the module progresses. Typically this will be through a series of exercises which test and explore the application of learning to various tasks and scenarios and will include aspects of drawing and accurate reporting.

A portfolio of work based on the material covered in the studio session will be required to be developed into a portfolio for summative submission. This is predominantly based on individual responses to tasks during the year to reduce the likelihood of plagiarism. For essay components, this will require citations and a reference list, but tutor support will be provided to reduce the incidence of academic offences.

The resit assessments will test the same learning outcomes with an individual presentation and a combined photographic and studio portfolio as there is no requirement for early feedback.

First Sit Components	Final Assessment	Element weighting	Description
Portfolio - Component B		25 %	Photographic portfolio
Portfolio - Component B		25 %	Studio portfolio
Presentation - Component A	✓	50 %	Group presentation (5 mins per student)
Resit Components	Final Assessment	Element weighting	Description
Portfolio - Component B		50 %	Combined portfolio
Presentation - Component A	✓	50 %	Individual presentation (5 mins)

Part 4: Teaching and Learning Methods

Learning Outcomes	On successful completion of this module students will achieve the following learning outcomes:	
	Module Learning Outcomes	Reference
	Identify and explain various materials and methods used in the construction of both new and existing property	MO1
	Explain some of the factors which have influenced the evolution and development of current building practice	MO2
	Interpret and produce sketches and simple construction drawings	MO3
	Describe and explain building services typically encountered in domestic housing	MO4
	Produce well-constructed and accurate explanation of the nature of the construction and its style based on accurate observation	MO5

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Contact Hours	Independent Study Hours:	
	Independent study/self-guided study	228
	Total Independent Study Hours:	228
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	72
	Total Scheduled Learning and Teaching Hours:	72
	Hours to be allocated	300
	Allocated Hours	300
Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p>https://uwe.rl.talis.com/modules/ublmab-30-1.html</p>	

Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Master of Planning [Sep][FT][Frenchay][4yrs] MPlan 2018-19

Real Estate [Sep][SW][Frenchay][4yrs] BSc (Hons) 2018-19

Property Development and Planning [Sep][FT][Frenchay][3yrs] BA (Hons) 2018-19

Real Estate [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Property Development and Planning [Sep][SW][Frenchay][4yrs] BA (Hons) 2018-19

Property Development [Sep][SW][Frenchay][5yrs] MPlan 2018-19

Property Development [Sep][FT][Frenchay][4yrs] MPlan 2018-19