



## MODULE SPECIFICATION

Part 1: Information			
Module Title	Development and Design Economics		
Module Code	UBLMXS-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	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p><b>Educational Aims:</b> This module aims to provide a framework of study that will extend and develop students' learning through the practical application of techniques to prepare students for future work experience in their placements and later as graduates.</p> <p><b>Outline Syllabus:</b> The content will be structured around lectures and linked workshop exercises that simulate the tasks that developers, development surveyors and cost managers undertake from the inception up to commencement of the construction stages of a project on site.</p> <p>The students' tasks will include the establishment of market need, project finance, investment appraisal and cashflow projection together with design option capital and whole life cost analysis around the following syllabus.</p> <ol style="list-style-type: none"> <li>1. Identification and evaluation of markets; project finance, financial appraisal of projects, preparation and presentation of project budgets and cashflow forecasts.</li> <li>2. Methods of development appraisal, including residual valuations, option appraisal, land valuation and sensitivity testing. Cash Flow appraisal.</li> <li>3. Design economics including the establishment of value criteria, cost modelling, critical</li> </ol>

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appraisal of cost data and application of whole life costing techniques.

4. Introduction to development and project risk management and the cost implications of sustainable development.

**Teaching and Learning Methods:** Following the module briefing and alongside the supporting programme of lectures students will undertake workshop exercises designed promote “active learning” in groups and individually. These will be managed by tutors who will also organise regular tutorials to monitor and give students feedback on their progress and performance in carrying out the workshop tasks.

Materials will be available on Blackboard to support the module content with reference material, exercises and related commentaries and video clips.

Contact time: 36 hours

Assimilation and development of knowledge: 84 hours

Exam preparation: 30 hours

Coursework preparation: 0 hours

Total study time: 150 hours

### Part 3: Assessment

The assessment strategy is primarily by examination based on a bank of questions that students will have available to them before the assessment takes place.

Students will be assessed on their ability to analyse valuation and design economics issues in the context of specific business needs and produce realistic solutions that are specific to client development needs, specific building types and their site characteristics. The limitations of their decisions, identifying risks, and recognizing potential conflicts with other economic issues will also need to be appreciated.

First Sit Components	Final Assessment	Element weighting	Description
Examination - Component A	✓	100 %	Exam (3 hours)
Resit Components	Final Assessment	Element weighting	Description
Examination - Component A	✓	100 %	Exam (3 hours)

### Part 4: Teaching and Learning Methods

On successful completion of this module students will achieve the following learning outcomes:

Learning Outcomes	Module Learning Outcomes	Reference
	Identify the contextual links between the subjects that form the core of their award	MO1
	Demonstrate their ability to research, compile and analyse data, evaluate solutions and present conclusions to provide professional development appraisal and cost advice for a medium sized development project	MO2
	Analyse and assess the commercial viability of a property development project using traditional and contemporary development appraisal and cost planning techniques	MO3
	Explain and quantify the impact of building design decisions on the capital and whole life costs of buildings and their sustainability	MO4

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Contact Hours	<b>Independent Study Hours:</b>	
	Independent study/self-guided study	114
	<b>Total Independent Study Hours:</b>	114
	<b>Scheduled Learning and Teaching Hours:</b>	
	Face-to-face learning	36
	<b>Total Scheduled Learning and Teaching Hours:</b>	36
	<b>Hours to be allocated</b>	150
	<b>Allocated Hours</b>	150
Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p><a href="https://uwe.rl.talis.com/modules/ublmxs-15-2.html">https://uwe.rl.talis.com/modules/ublmxs-15-2.html</a></p>	

### Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Quantity Surveying and Commercial Management {Apprenticeship} [Sep][SW][Frenchay][4yrs] BSc (Hons) 2018-19

Quantity Surveying and Commercial Management [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Quantity Surveying and Commercial Management [Sep][SW][Frenchay][4yrs] BSc (Hons) 2018-19