



MODULE SPECIFICATION

Part 1: Information			
Module Title	Econometrics		
Module Code	UMED96-15-3	Level	Level 6
For implementation from	2020-21		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Business & Law	Field	Economics
Department	FBL Dept of Accounting Economics & Finance		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Educational Aims: See Learning Outcomes</p> <p>Outline Syllabus: This module typically will cover:</p> <p>The multivariate regression model</p> <p>Non-linear regression model and indicator variables</p> <p>Modelling strategies</p> <p>Dynamic models</p> <p>Forecasting</p> <p>Detection of and estimation with serial correlation</p> <p>Non-stationary time series</p> <p>Cointegration and error correction models</p>

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Introduction to panel data

Teaching and Learning Methods: Lectures will be used to introduce the techniques to be employed in the module. The lectures will be backed up by handouts on specific topics. Seminars will afford an opportunity for students to apply the techniques that have been introduced in lectures to selected economic problems. Students will work through a series of questions on a specific topic and will receive guidance on how to answer these questions. Workshops will be based in computer rooms and will emphasise the critical analysis of empirical output and the application and practice with a suitable econometrics software package.

The content will be illustrated by various applications related to the theory taught in macro and micro economics. Module delivery will be based on 3 hours of scheduled learning and teaching activities per teaching week. This will consist of a combination of lectures and seminars/workshops.

Part 3: Assessment

This module deploys a mix of formative and summative assessment. Formative assessment takes various forms and will occur throughout the module; it may include peer feedback on informal activities. Summative assessment takes two forms: a statistics project and an end-of-module exam. The statistics project involves a 2000 word report.

Summative assessment:

Component A: An end-of-module online exam (2000 words) undertaken in a 24 hour window.

Component B: A statistics project will comprise a 2000 word report.

Formative Assessment:

Engagement with other students in seminars that encourages a sense of belonging.

Regular use of specialist statistical packages in seminars and workshops.

Engagement with external speakers and with private sector businesses.

Regular VLE messages, including podcasts, provide generic feedback to groups on lectures, seminars and practical classes.

First Sit Components	Final Assessment	Element weighting	Description
Online Assignment - Component B		50 %	2000 word statistics report
Examination (Online) - Component A	✓	50 %	Online exam (2000 words)
Resit Components	Final Assessment	Element weighting	Description
Report - Component B		50 %	2000 word statistics report
Examination - Component A	✓	50 %	Online Exam (2000 Words)

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Part 4: Teaching and Learning Methods																	
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>A capacity to explain the concepts and assumptions underlying the econometric and time-series methods considered in the module.</td> <td>MO1</td> </tr> <tr> <td>An appreciation of the strengths and weaknesses, in particular circumstances, of various alternative econometric and time-series methods</td> <td>MO2</td> </tr> <tr> <td>An ability to evaluate their own and other researchers' statistical findings both in writing and verbally</td> <td>MO3</td> </tr> <tr> <td>A capacity to recognise and implement appropriate statistical tests</td> <td>MO4</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	A capacity to explain the concepts and assumptions underlying the econometric and time-series methods considered in the module.	MO1	An appreciation of the strengths and weaknesses, in particular circumstances, of various alternative econometric and time-series methods	MO2	An ability to evaluate their own and other researchers' statistical findings both in writing and verbally	MO3	A capacity to recognise and implement appropriate statistical tests	MO4						
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Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p> <p>https://uwe.rl.talis.com/modules/umed96-15-3.html</p>																

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Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Global Political Economy [Sep][FT][Frenchay][1yr] MSc 2020-21
Global Political Economy [Sep][PT][Frenchay][2yrs] MSc 2020-21
Economics {Dual} [Sep][FT][Frenchay][3yrs] BA (Hons) 2018-19
Economics {Dual} [Aug][FT][Taylors][3yrs] BA (Hons) 2018-19
Banking and Finance {Dual} [Aug][FT][Taylors][3yrs] BA (Hons) 2018-19
Banking and Finance {Dual} [Mar][FT][Taylors][3yrs] BA (Hons) 2018-19
Banking and Finance [Sep][FT][NEU][3yrs] BA (Hons) 2018-19
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