Liverpool John Moores University

Title:	FINANCIAL ECONOMETRICS
Status:	Definitive
Code:	**7532AE** (107309)
Version Start Date:	01-08-2011
Owning School/Faculty:	Liverpool Business School
Teaching School/Faculty:	Isle of Man International Business School

Team	Leader
Alex Watt	Y

Academic Level:	FHEQ7	**Credit Value:**	15.00	**Total Delivered Hours:**	30.00
Total Learning Hours:	150	**Private Study:**	120		

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	20.000
Tutorial	10.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Coursework 1	50.0	
Essay	AS2	Coursework 2 (includes a presentation)	50.0	

Aims

This module aims to prepare the student for the dissertation component of the M.Sc. in international Banking and Finance by (a) introducing in the lectures the research methods used in quantitative work in international banking and finance; (b) using the EViews package to illustrate the use of these methods and to re-enforce the students' understanding of them; (c) writing reports evaluating the results of empirical studies.

Learning Outcomes

After completing the module the student should be able to:

1 Utilise selected advanced methods used in quantitative research in international banking and finance and assess their validity.
2 Use Eviews for regression analysis and to be able to interpret the results.
3 Recognise and evaluate the conceptual issues and practical procedures that are associated with qualitative and quantitative research.
4 Produce a research proposal and plan for the proposed dissertation.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

ESSAY	1	2	
ESSAY	1	3	4

Outline Syllabus

Dynamic models
Simultaneous equation models
AR models and Box-Jenkins methodology
VAR models and causality tests
Cointegration and error correction models
Volatility in finance: ARCH and related models
Panel data models
Dummy variables and simulation methods
Dissertation preparation
Topics presentations

Learning Activities

Lectures and tutorials

References

Course Material	Book
Author	Asteriou, D and Hall, S
Publishing Year	2007
Title	Applied Econometrics: A Modern Approach Using Eviews and Microfit
Subtitle	
Edition	

Publisher	Palgrave MacMillan
ISBN	

Course Material	Book
Author	Brooks, C
Publishing Year	2008
Title	Introductory Econometrics for Finance
Subtitle	
Edition	
Publisher	Cambridge University Press
ISBN	

Course Material	Book
Author	Gujarati, D N
Publishing Year	2002
Title	Basic Econometrics
Subtitle	
Edition	
Publisher	4th edition, McGraw Hill
ISBN	

Course Material	Book
Author	Kennedy, P
Publishing Year	2003
Title	A Guide to Econometrics
Subtitle	
Edition	
Publisher	Blackwell
ISBN	

Course Material	Book
Author	Enders, W
Publishing Year	2005
Title	Applied Econometric Time Series
Subtitle	
Edition	
Publisher	2nd edition, Wiley
ISBN	

Notes

This module provides a strong foundation in the empirical analysis of banking and finance issues. It equips students with the technical skills required for an empirically based dissertation.
The first assessment focuses on the use of EViews to analyse and present data. The second directs techniques towards the preparation of a dissertation.