

Applied Econometrics

Module Code:	DEV7024-B
Academic Year:	2018-19
Credit Rating:	20
School:	School of Social Sciences
Subject Area:	Development
FHEQ Level:	FHEQ Level 7 (Masters)

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	22
Tutorials	10
Laboratory	8
Directed Study	160

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Semester 1 (Sep - Jan)

Module Aims

The aim of the module is to introduce students to quantitative methods using the relevant software packages and to provide an understanding of the concepts used in the field of applied regression techniques. Lectures and practical sessions are used to assist students to understand and apply analytical techniques.

On successful completion of this module you will be able to demonstrate advanced understanding of applications of quantitative methods (including regression analytics) and critically assess their use and limitations.

Outline Syllabus

Introduction to quantitative data analysis; regression analysis including use of bivariate and multivariate regression and diagnostic tests; dummy variables; stationarity; unit root test and cointegration.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 demonstrate advanced understanding of the application of applied econometrics and critically assess its use and limitations.
- 2 undertake quantitative data analysis including bivariate and multiple regression analysis and to be able to use relevant statistical software packages for this purpose.
- 3 interpret and explain statistical results and their implications for policy.

Learning, Teaching and Assessment Strategy

Lectures are used to introduce relevant theories, concepts and techniques in this area (LO 1). Use of software packages in practical sessions will assist you to understand, apply and interpret the analytical techniques developed and discussed in lectures (LO's 2, 3). Computer practicals provide formative assessment of the ability to use econometric techniques while the assignment provides summative assessment of ability to apply and interpret these techniques. A workshop will examine relevance of contextual factors in fragile contexts, particularly conflict sensitivity issues.

Formative assessment consists of feedback on the computer practicals as well as feedback on summative assessment plans in tutorials and feedback during workshop on contextual sensitivity issues.

Summative assessment consists of:

1. Four computer based practical briefs with explanations not exceeding 500 words (the four assessment together account for 20% of the overall mark for this module), to assess LOs 3 and 4.
2. An individual research assignment consisting of 2,900-3,100 words, to assess all LOs.
3. Participation in conflict sensitivity workshop, to contribute to the assessment of LOs 4 and 5.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
------	--------	-------------	--------	-----------	---------------

Formative	Coursework	Feedback on student contribution to lectures and workshops, and feedback on summative assessment plans in tutorials.		%	No
Summative	Coursework	Research assignment set by tutor.	2400-2600 words	80%	Yes
Referral	Coursework	Research assignment set by tutor	3600-4000 words	100%	Yes
Summative	Coursework	4 Computer based practical briefs with explanations not exceeding 500 words each	0-2000 words	20%	No
Formative	Attendance requirement	Participation is sensitivity workshop. There is an attendance requirement for this.		%	No

Legacy Code (if applicable)

Reading List

To view Reading List, please go to [rebus:list](#).