Module Details

Module Title	Applied Econometrics
Module Code	DEV7024-B
Academic Year	2021/2
Credits	20
School	School of Social Sciences
FHEQ Level	FHEQ Level 7

Contact Hours

Type	Hours
Lectures	22
Tutorials	10
Laboratories	8
Directed Study	160

Availability

Occurrence	Location / Period
BDA	University of Bradford / Semester 1

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.

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.

Learning Outcomes

Outcome Number	Description
O1	Demonstrate advanced understanding of the application of applied econometrics and critically assess its use and limitations.
O2	Undertake quantitative data analysis including bivariate and multiple regression analysis and to be able to use relevant statistical software packages for this purpose.
O3	interpret and explain statistical results and their implications for policy.

Learning, Teaching and Assessment Strategy

Students will engage with a series of weekly on campus lectures. Seminars in face to face teaching will be held on campus.

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	Weighting
Summative	Coursework - Written	4 Computer based practical briefs with explanations not exceeding 500 words each. 0-2000 words	20%
Summative	Coursework - Written	Research assignment set by tutor. 2400-2600 words	80%
Referral	Coursework - Written	SUPPLEMENTARY ASSESSMENT: Research assignment set by tutor. 3600-4000 words	100%
Formative	Attendance requirement	Feedback on student contribution to lectures and workshops, and feedback on summative assessment plans in tutorials.	N/A
Formative	Attendance requirement	Participation is sensitivity workshop. There is an attendance requirement for this.	N/A

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:
This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.