UNIVERSITY OF LEICESTER

Module Specification

GY1421   Working with Geographical Information

Academic Year: 2020/1

Module Level: Year 1

Scheme: UG

Department: Geography

Credits: 15

Student Workload (hours)

Lectures	10
Seminars	
Practical Classes & Workshops	20
Tutorials	
Fieldwork	
Project Supervision	
Guided Independent Study	120
Demonstration	
Supervised time in studio/workshop	
Work Based Learning	
Placement	
Year Abroad	
Total Module Hours	150

Period: Semester 2

Occurence: E

Coordinator: Kirsten Barrett

Mark Scheme: UG Module Mark Scheme

No.	Assessment Description	Weight %	Qual Mark	Exam Hours	Ass't Group	Alt Reass't
001	Test1	40		0.7		
002	Test 2	40		0.7		
003	Short Assignment (Final)	20				

Intended Learning Outcomes

On successful completion of the module, students should be able to:

- describe and summarize quantitative geographical data numerically and graphically;
- explain the difference between samples and populations of quantitative data and the implications these differences have for manipulating sampled data;
- select an appropriate test of difference or association to test hypotheses based the descriptive statistical analyses;
- carry out tests of difference (t-tests and chi-sq tests) on geographical data and interpret and evaluate the results;
- perform ordinary least squares regression and interpret the relationship between response and explanatory variables.

Teaching and Learning Methods

Lectures; Computer Based Practical Classes.

Assessment Methods

Pre-Requisites

Co-Requisites

Excluded Combinations

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Guided Independent Study: Indicative Activities

Reading for seminars, reviewing lecture notes and following up on concepts with materials from Blackboard resources folder or independent searches for information, preparing for practical exercises or completing these.