Liverpool John Moores University

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Title: ANALYSIS FOR HEALTH PSYCHOLOGY
Status: Definitive
Code: **7002HEAPSY** (117550)
Version Start Date: 01-08-2017

Owning School/Faculty: Natural Sciences & Psychology
Teaching School/Faculty: Natural Sciences & Psychology

Team	Leader
Paul Lattimore	Y
Helen Poole	

Academic Level:	FHEQ7	**Credit Value:**	20	**Total Delivered Hours:**	24
Total Learning Hours:	200	**Private Study:**	176		

Delivery Options
Course typically offered: Semester 1

Component	Contact Hours
Lecture	12
Workshop	12

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	WB	Data Analysis Workbook	100	

Aims

This module aims to develop to a professional level, student's existing knowledge of, and skills in data acquisition, validation, coding, analysis, interpretation and presentation. The emphasis of the module will be on: a) developing students understanding of the appropriate management of both qualitative and quantitative data (e.g. data verification, classification of themes, coding methods, treatment of

missing data etc.); b) providing an overview of, and training in the use of mainstream computer packages used in the analysis of both qualitative and quantitative data (e.g. SPSS) d) developing students ability to conduct appropriate statistical tests and interpret the results obtained from complex, multivariate, health related data within the context of the limitations of statistical methods and research design; e) providing students with the skills to present data.

Learning Outcomes

After completing the module the student should be able to:

1	Evaluate data acquisition methods for given research questions.
2	Develop competency in the management of both qualitative and quantitative data.
3	Determine an appropriate analysis strategy for a given data set and interpret the outcome.
4	Communicate research information, in a clear and concise manner, outlining the strengths and limitations of the method chosen.
5	Evaluate and demonstrate the appropriate use of statistical techniques in psychological research such as factor analysis, regression analysis, analysis of variance and analysis of covariance.
6	Evaluate and demonstrate the appropriate use of qualitative techniques including IPA and Grounded Theory.

Learning Outcomes of Assessments

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

Workbook	1	2	3	4	5	6

Outline Syllabus

Refreshing basic knowledge of descriptive and inferential statistics
Overview and of and training in quantitative computer packages and introduction to qualitative software packages
Data management (validation of the data set, coding, data reduction, etc.)
Multivariate statistics, for example: Regression, mediation and moderation analysis, analysis of variance, logistic regression, survival analysis, factor analysing and reliability analysis.
Qualitative analysis, including, IPA, Q-Sort and Grounded Theory.

Learning Activities

This module will primarily be seminar and workshop based to provide students with the practical and analytical skills outlined in the aims of the module. Students will be provided with both qualitative and quantitative raw data sets that will be used to develop an understanding of the 'real world' process of managing, analyzing and presenting data.

Notes

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