

## Liverpool John Moores University

Title: ANALYSIS FOR HEALTH PSYCHOLOGY  
Status: Definitive  
Code: **7103HEAPSY** (124232)  
Version Start Date: 01-08-2021

Owning School/Faculty: Psychology  
Teaching School/Faculty: Psychology

Team	Leader
Paul Lattimore	Y
Lisa Newson	

**Academic Level:** FHEQ7      **Credit Value:** 20      **Total Delivered Hours:** 34  
**Total Learning Hours:** 200      **Private Study:** 166

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Seminar	9
Workshop	25

**Grading Basis:** 50 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	QUAL	Qualitative analysis report comprises one 2000 report of the analysis of transcripts using one method taught on the course	50	
Portfolio	A2	Quantitative analysis portfolio comprises weekly short assessments of practice, knowledge and reporting of statistical analysis	50	

### Aims

*Develop to a professional level, student's existing knowledge of, and skills in data acquisition, validation, coding, analysis, interpretation and presentation.*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Conduct, evaluate and demonstrate the appropriate use of qualitative analytic techniques in psychological research
- 2 Conduct, evaluate and demonstrate the appropriate use of statistical analysis techniques in psychological research
- 3 Communicate outcome of research analysis, in a clear and concise manner, outlining the strengths and limitations of the method chosen.

## **Learning Outcomes of Assessments**

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

Qualitative analysis	1	3
Quantitative analysis	2	3

## **Outline Syllabus**

*Refresh basic knowledge of descriptive and inferential statistics, effect size, and probability based hypothesis testing.*

*Overview and training in quantitative computer packages, introduction to qualitative software packages.*

*Data management (validation of the data set, coding, data reduction, etc.)*

*Multivariate statistical analysis for example: Regression, mediation and moderation analysis, analysis of variance*

*Advanced qualitative analysis, (for example Interpretative Phenomenological Analysis or Grounded Theory).*

## **Learning Activities**

The module team utilises a range of teaching methods to support student learning. They can include lectures, tutorials, structured online learning activities, independent study, work-based learning, practicals, workshops, and seminars. The actual combination of these methods will be carefully selected by the module team to best meet the learning needs of students.

## **Notes**

The module is designed to develop to a professional level, student's existing knowledge of, and skills in data acquisition, validation, coding, analysis, interpretation and presentation of analysis in different formats. The emphasis of the

module will be on: 1) 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.); 2) 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) ; 3) developing students ability to conduct appropriate statistical tests and interpret the results obtained from complex, multivariate analyses within the context of the limitations of statistical methods and research design; and 4) providing students with the skills to present data analyses in report format commensurate with publication guidelines for the field of study . The module and its assessments have been designed in accordance with the BPS's Standards for Masters Programmes in Health Psychology in line with Stage 1 of training in Health Psychology.

Assessment is 100% Coursework split 50/50 between: 1) Qualitative Analysis Report (2000 words); 2) Quantitative Analysis Portfolio.

The Quantitative Analysis Portfolio will have a final hand-in date by the end of module. Each component of the portfolio is connected to weekly topics and if each component is submitted by suggested milestone dates, students will receive feedback promptly so that they can use it for the next component in the Portfolio sequence. Portfolio assessments include demonstration of IT skills (e.g., SPSS, EXCEL, online calculators), short multiple-choice quizzes about statistical concepts, and writing of short results sections in APA style.