

Summary Information

Module Code	7505PSYSCI
Formal Module Title	Psychology Research Skills
Owning School	Psychology
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Unicaf

Learning Methods

Learning Method Type	Hours
Online	36

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
APR-PAR	PAR	April	12 Weeks
JAN-PAR	PAR	January	12 Weeks
SEP-PAR	PAR	September	12 Weeks

Aims and Outcomes

Aims	This module aims to develop students' knowledge of the variety and limitations of methodologies used in psychology as well as their practical skills in relation to data 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 cleaning and checking, classification of themes, coding methods, treatment of missing data etc.); 2) developing students ability to analyse and interpret qualitative data (e.g. using thematic analysis) and 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.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Critically evaluate a range of research design methodologies relevant to psychology and their implications for measurement, statistical analysis and interpretation
MLO2	2	Demonstrate appropriate use and interpretation of qualitative analytic techniques in psychological research
MLO3	3	Demonstrate appropriate use and interpretation of statistical analysis techniques in psychological research
MLO4	4	Communicate outcome of research analysis, in a clear and concise manner, outlining the strengths and limitations of the method chosen.

Module Content

Outline Syllabus	Philosophical assumptions of a variety of research methods and designs including critique of both qualitative and quantitative research methodologies. Reliability and validity Introduction to and application of qualitative analysis methods, e.g. thematic analysis Refresh basic knowledge of descriptive and inferential statistics, effect size, and probability based hypothesis testing. Overview of and training in quantitative computer packages and introduction to qualitative software packages Multivariate statistical analysis for example: Regression, mediation and moderation analysis, analysis of variance, logistic regression.
Module Overview	
Additional Information	The module aims to equip students with the major research skills and knowledge of methodology and analysis necessary to conduct psychology research. The module is designed to develop to a professional level, student's existing knowledge of, and skills in data coding, analysis, interpretation and presentation of analysis in different formats. The emphasis of the module will be on: 1) developing students understanding of both quantitative and qualitative methods and their application; 2) the appropriate management of both qualitative and quantitative data (e.g. classification of themes, coding methods, treatment of missing data etc.); 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 .

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping

Report	Methodological critique	30	0	MLO1
Portfolio	Portfolio	70	0	MLO2, MLO3, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Helen Poole	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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