

Summary Information

Module Code	4202PSYSCI
Formal Module Title	Research Methods and Statistics in Psychology 1: Relationships and Associations
Owning School	Psychology
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 4
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Andrew Jones	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
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Partner Module Team

Contact Name	Applies to all offerings	Offerings
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Teaching Responsibility

LJMU Schools involved in Delivery
Psychology

Learning Methods

Learning Method Type	Hours
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Online	10
Workshop	22

Module Offering(s)

Offering Code	Location	Start Month	Duration
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	1. To introduce the tools for carrying out a literature search.2. To develop an understanding of basic statistical concepts, descriptive statistics, correlation, chi square.3. To use SPSS to carry out statistical analyses.4. To give practical experience of correlational and observational (analysed qualitatively and quantitatively) research methods.5. To develop practical report writing skills.
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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Write a laboratory report conforming to APA style
MLO2	Employ the appropriate statistical test, and interpret its outcome.
MLO3	Employ generic principles of research design, and statistical analysis.

Module Content

Outline Syllabus
The module will explore different approaches to research design, for example, experimental, observational and survey, as well as within and between subject approaches. Data analysis will explore scales of measurement, descriptive statistics, variance and standard deviation, correlation and chi-square using SPSS. The module will explore research report writing. Students will gain experience of observations from a qualitative and quantitative perspective, and will develop awareness of ethical principles and processes in research design.

Module Overview
This module will introduce the tools needed for carrying out a literature search. It will provide you with a practical introduction on how to design an experiment, collect data in an ethical manner, perform statistical analysis and write up findings in a manner consistent with published material.

Additional Information

Introduction to Research Methods and Statistics in Psychology 1: relationships and associations provides students with a practical introduction to how to design an experiment, collect data in an ethical manner, perform statistical analysis and write up findings.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Portfolio	Portfolio	100	0	MLO3, MLO2, MLO1