

Year 1 (Level 4)

Year 1 (Level 4)

Module Content

This module equips students with the practical and conceptual skills necessary for the effective study of psychology. It includes computer skills, presenting results of experiments, structuring an essay, and critiquing a scientific paper. Additionally, it provides an introduction to experimental design, data, and statistics in psychology. Students will learn the theoretical aspects of basic statistical concepts and tests, and gain experience using statistical packages.

Module Learning Outcomes

The student should be able to:

demonstrate a comprehensive understanding of the principles of experimental psychology, from reading and summarizing scientific papers to planning, writing and presenting essays, reports and presentations.

understand the importance and relevance of data analysis, the different types of experiments and tests used.

understand the philosophical underpinnings of qualitative and quantitative approaches to research and evaluate their merits.

demonstrate the skills to analyse and interpret data using qualitative and quantitative frameworks and methods.

demonstrate statistical proficiency in the ability to use R to compute summary statistics, z-scores, chi-square, binomial tests, and parametric and non-parametric comparison of two means.

be able to visualise and present/communicate research findings to a range of audiences

select and provide a rationale for using a statistical test to analyse a particular dataset, and present the results correctly in both graphical and APA format.

Assessment

Assessment Element	Length	%	F or S	LO Tested
RPS				

Reading and Resource List

We have a custom made textbook to support key study skills throughout your degree: