MODULE **DESCRIPTOR**

MODULE TITLE	PSYCHOLOGICAL RESEARCH METHODS 1: DESIGN AND QUANTITATIVE ANALYSIS		
MODULE CODE	PS2010 (L5)	**CREDIT VALUE**	20 CREDITS / 10 ECTS
CAMPUS	UCLAN CYPRUS		
SCHOOL	SCHOOL OF SCIENCE		

MODULE **AIMS**

The aim of this module is to advance student knowledge and expertise in psychological research methods and quantitative statistics as they relate to psychology beyond introductory level. The module aims to give students the skills to carry out, and write-up, their own empirical study using quantitative methods.

MODULE **CONTENT**

Teaching covers a range of research designs and methods (e.g., experimental, observational and self-report), and quantitative statistics used in Psychology such as ANOVA and multiple regression. Particular attention is paid to factorial designs, which are used in most second year laboratories and in many projects, with consideration of both the types of psychological questions that are addressed by these designs and how they should be presented in laboratory reports. The application of statistical techniques to project work and the implications for design and data handling are addressed. Students are given practice in conducting statistical analyses using SPSS.

INTENDED **LEARNING OUTCOMES**

On successful completion of this module a student will be able to:	
1.	Analyse and interpret the results of statistical techniques commonly used in empirical investigation within the discipline of Psychology, using SPSS.
2.	Design and implement an empirical project addressing a psychological research question using quantitative methods.
3.	Write up and critically analyse the results of a quantitative research study in an appropriate subject style.
4.	Demonstrate knowledge of scientific enquiry and design, and the main quantitative methodologies in Psychology.

TEACHING **METHODS**

An integrated approach to syllabus delivery will be used. Core material is delivered in lectures. Further examination of selected topics is done in seminars. Practical application of SPSS and how to run tests is done via computer workshops. Workshops will also guide students through the process of research question design, deal with application and interpretation of statistics, and promote research methods' understanding.

ASSESSMENT **METHODS**

The module is assessed through an Empirical report, a Design and methodology in-class test coursework and a Statistics in-class test.