MODULE **DESCRIPTOR**

MODULE TITLE	PSYCHOLOGICAL RESEARCH METHODS 1: DESIGN AND QUANTITATIVE ANALYSIS		
MODULE CODE	PS2010 (L5)	CREDIT VALUE	20 UK CREDITS / 10 ECTS
SCHOOL	SCHOOL OF SCIENCES		

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**

Indicative syllabus content:

Teaching covers a range of research designs and methods (e.g., experimental and observational), and quantitative statistics used in Psychology such as factorial ANOVA and multiple regression. 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.

TEACHING METHODS

An integrated and inclusive approach to syllabus delivery through using a range of teaching activities to address the needs of students with varying learning styles, abilities and needs. Core material is delivered in lectures, and where necessary or useful these may be supplemented with recorded lectures. Further examination of selected topics is done in interactive seminars. Practical application of SPSS and how to run tests is done via computer workshops. Workshops/seminars will also guide students through the process of research question design, deal with application and interpretation of statistics, and promote research methods' understanding. Students will need to read around the lecture topics and develop their ICT and numeracy skills by practising running statistical analyses and interpreting their results. Through their revision of a range of topics, students will develop the ability to reflect on their own progress and will also further develop their knowledge of how to write academically within the context of quantitative analysis.

ASSESSMENT METHODS

This module is assessed through two empirical reports.