MODULE SPECIFICATION FORM

Module Title: **Intermediate Research Methods**	Level: 5	Credit Value: 20

Module code: PSY508	Cost Centre: GAPS	JACS3 code: C800

Trimester(s) in which to be offered: 1 or 2	With effect from: Sept 2014

Existing/New: Existing	Title of module being replaced (if any):

Originating Academic Department: Psychology	Module Leader: Dr Emyr Williams

Module duration (total hours): 200 Scheduled learning & teaching hours 48 Independent study hours 152	Status: core/option/elective (identify programme where appropriate): Core

Programme(s) in which to be offered: BSc (Hons) Psychology BSc (Hons) Marketing and Consumer Psychology	Pre-requisites per programme (between levels): None

Module Aims:
- To build on the students' knowledge of research methodologies acquired at level 4 whilst developing the students' understanding of these and new methods introduced in this module at a much deeper level.
- To equip students with the ability to appraise research findings and develop an understanding of research design and analysis, as well as developing the student's ability to analyse data from both quantitative and qualitative research.

Intended Learning Outcomes:

At the end of this module, students will be able to:

1. Discuss critically the use of different methods and methodologies for specific questions and areas of practice (KS1)
2. Differentiate between sampling procedures and their statistical relevance
3. Demonstrate appropriate use of methods of data presentation (KS6)
4. Discuss critically the interpretation of findings and implications of data analysis (KS10)
5. Demonstrate the ability to analyse data using qualitative methods

Key skills for employability

1. Written, oral and media communication skills
2. Leadership, team working and networking skills
3. Opportunity, creativity and problem solving skills
4. Information technology skills and digital literacy
5. Information management skills
6. Research skills
7. Intercultural and sustainability skills
8. Career management skills
9. Learning to learn (managing personal and professional development, self management)
10. Numeracy

Assessment:

1. A critical appraisal of one piece of psychological research

2. A research report based on data collected within the class room utilising a mixed methods approach

3. A portfolio of 10 tasks carried out within the practical sessions.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting	Duration (if exam)	Word count (or equivalent if appropriate)
1	1,2,	Essay	40%		1500
2	3, 4	Report	40%		1500
3	5	Portfolio	20%		1000

Learning and Teaching Strategies:

The learning and teaching strategy will employ formal lecture, group and independent working. The prime strategy will be 'learning by doing', this will be achieved through structured class based workshops. This will comprise of 12 x 2 hour lectures and 12 x 2 hour practicals.

Syllabus outline:

- Statistical inference
- Confidence intervals
- Selecting appropriate analyses
- Experimental Design Control, Sampling, Error
- Quasi Experimental designs
- Probability Theory
- Statistics in research e.g. t-test; correlation; ANOVA, Regression, Multiple Regression
- Qualitative research - Methodologies, Qualitative data analysis, Reliability, Validity
- SPSS and data analysis
- Data presentation and discussion of findings

Bibliography:

Essential reading:

Coolican, H. (2013). *Research methods and statistics in psychology* (5th ed.). Abingdon, UK: Hodder Arnold.

Field, A. (2013). *Discovering statistics using IBM SPSS* (4th ed.). London, UK: Sage.

Other indicative reading:

Harris, P. (2008). *Designing and reporting experiments* (3rd ed.). Milton Keynes, UK: Open University Press.

Willig, C. (2009). *Qualitative research in psychology.* Milton Keynes, UK: Open University Press