

MODULE SPECIFICATION FORM

Module Title: Advanced Research Design	Level: 5	Credit Value: 20
---	----------	------------------

Module code: PSY509	Cost Centre: GAPS	JACS3 code: C800
---------------------	-------------------	------------------

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

Office use only: To be completed by AQSU:	Date approved: February 2014 Date revised: - Version no: 1
---	--

Existing/New: New	Title of module being replaced (if any): Research Design, Methods and Statistics 4 (PSY606)
-------------------	---

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 Core (identify programme where appropriate):
---	--

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

<p>Module Aims:</p> <ul style="list-style-type: none"> To provide the students with advanced knowledge and understanding of research methodology and research methods in order that they can go forward to conduct an independent piece of 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 (to include quantitative and qualitative) for specific questions and areas of practice, and apply this to a research article (KS1, KS2)
2. Differentiate between sampling procedures and their statistical relevance (KS6)
3. Use computer software for advanced quantitative data analysis e.g. SPSS (KS4)
4. Discuss critically the interpretation of findings and implications of data analysis, synthesising this interpretation with relevant literature
5. Produce a research proposal for an independent empirical project (KS10)

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 portfolio of 10 tasks carried out within the practical sessions including completing a research article of publishable standards
2. A research proposal for an independent piece of research to be carried out by the student at level 6. It is envisaged that generally this will be a precursor to the level 6 research project, however this may be a separate piece of research undertaken by the students.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting	Duration (if exam)	Word count (or equivalent if appropriate)
1	3,4	Portfolio	50%		2000
2	1, 2, 5	Research Proposal	50%		2000

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:

- MANOVA
- Repeated Measures
- Factor Analysis
- Longitudinal Data analysis
- Thematic
- IPA
- Grounded Theory
- Producing a research proposal

Bibliography:

Essential Reading:

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

Denscombe, M. (2012). *Research Proposals: A practical guide*. Maidenhead, UK: Open University Press.

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.