

Preparing for primary research

Module Code:	RES7011-B
Academic Year:	2018-19
Credit Rating:	20
School:	School of Allied Health Professions and Midwifery
Subject Area:	Research (Allied Health Professions)
FHEQ Level:	FHEQ Level 7 (Masters)

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	20
Tutorials	15
Laboratory	10
Directed Study	155

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Semester 1 (Sep - Jan)
BDA	University of Bradford / Semester 2 (Feb - May)

Module Aims

This module aims to advance student knowledge and understanding of the features of quantitative and qualitative research, including ethical considerations, investigation, evaluation and analysis and to equip them with skills to undertake a small primary research or work based project. It will enable them to understand and investigative theory including, research question, specification of investigative objectives, study design, data collection methods and analytical tools, as well as interpretation of primary data and dissemination of findings to wider health and social care groups.

Outline Syllabus

Defining and formulating research problems, questions and hypothesis. Similarities & differences between competing orientations to research, their strengths and limitations. Selection of appropriate research methods & methodologies. Sampling, sampling error. Bias reduction strategies. Methods of data collection; questionnaire, interviews, focus groups, case studies, observation, content/discourse analysis. Revision of statistical tests. e.g. Chi square; Pearson correlation; Parametric and non-parametric tests. Research Governance & ethical approval processes. Data management (analysis, organisation, interpretation and presentation). Dissemination of research.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 Conceptualise a public health related problem and formulate appropriate research questions and project aims and determine study outcomes to be measured or evaluated.
- 2 Demonstrate a critical awareness of research approaches and study designs and the suitability, application and limitation of each within the context of health and social care research/enquiry and project planning.
- 3 Differentiate between different data types and identify appropriate data display, analysis or evaluation approaches for use with each.
- 4 Critically reflect on dissemination approaches and the appropriateness of dissemination medium and audience.
- 5 Critically evaluate and reflect on the ethical aspects of public health research.
- 6 Critically reflect on current professional knowledge and practice and identify where this could be further enhanced by research.
- 7 Provide a clear rationale for the choice of study design within the context of different health and social care environments.
- 8 Demonstrate the ability to act as an autonomous self-directed learner to advance your continuing professional development.

Learning, Teaching and Assessment Strategy

The module will be introduced through a small number of lectures and tutorials in the academic environment LO1,2,3,4,5,6,7. Practical activities related to literature searching, critical appraisal, data collection tools and data analysis & interpretation will assist students in applying theoretical concepts of quantitative and qualitative research to practice LO1,2,3,4,5,6,7. Directed study activities will further support the student in understanding the components of a high quality investigative study LO8.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Coursework	Research protocol	-4000 words	100%	Yes

Legacy Code (if applicable)

Reading List

To view Reading List, please go to [rebus:list](#).