

### Summary Information

<b>Module Code</b>	4514ARCCS
<b>Formal Module Title</b>	Introduction to Research
<b>Owning School</b>	Nursing and Allied Health
<b>Career</b>	Undergraduate
<b>Credits</b>	20
<b>Academic level</b>	FHEQ Level 4
<b>Grading Schema</b>	40

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings
Philomene Uwamaliya	Yes	N/A

#### Module Team Member

Contact Name	Applies to all offerings	Offerings
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#### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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### Teaching Responsibility

<b>LJMU Schools involved in Delivery</b>
LJMU Partner Taught

## Partner Teaching Institution

Institution Name
Nelson and Colne College Group

## Learning Methods

Learning Method Type	Hours
Lecture	30
Tutorial	18

## Module Offering(s)

Offering Code	Location	Start Month	Duration
JAN-PAR	PAR	January	12 Weeks
SEP-PAR	PAR	September	12 Weeks

## Aims and Outcomes

<b>Aims</b>	1. To develop an introductory understanding of the field of research methods, including research ethics and methodology.2. To prepare students for future practical use of research methods in project work.
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## Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Identify characteristics of qualitative and quantitative research methods
MLO2	Demonstrate a conceptual knowledge of the research process
MLO3	Apply a systematic approach to the analysis of qualitative and quantitative data
MLO4	Justify appropriate data analysis methods based upon research design

## Module Content

### Outline Syllabus

Quantitative Methods: The development and principles of quantitative research methodologies, primary techniques – producing research questions and hypotheses, survey types and sampling techniques, questionnaires, construction, design, types, scaling, piloting, advantages and disadvantages of questionnaires and structured interviews. Experiments: their methods and designs, hypothesis testing, variables, analysis of the advantages and disadvantages of experimental methods, preparing lab reports. Introduction to quantitative data analysis techniques – levels of measurement, measures of central tendency and dispersion, inductive statistics. Evaluation – validity, reliability and methodological triangulation. Secondary research techniques – exploring the accuracy, uses and limitations of published secondary data and official statistics. Qualitative Methods: To examine the development and principles of qualitative research methodologies – by examining primary techniques of ethnography and observation, purpose, uses and limitations of covert and overt observational methods. Examine qualitative interviewing, focus groups and use of personal documents/diaries, case studies and oral/life history. Consider the role of the researcher in the research process and evaluating the validity and reliability of qualitative data. Secondary techniques: examining and appraising the uses and limitations of secondary sources of qualitative data such as previous ethnographic studies and secondary textual, audio and visual sources. Research Ethics: (common to both sections). Exploring debates surrounding the role and purpose of ethical conduct in the research process and how ethical considerations can inform as well as constrain the research process. We will examine ethical guidance from such bodies as the British Psychological Society, British Sociological Association and health or social care related professional bodies and regulators.

### Module Overview

#### Additional Information

Study on the module will develop reasoning skills through a sound appreciation of the process of the production of academic knowledge through enquiry. This module emphasises the importance of understanding research methodology as a foundation for students' continued professional development. The module will provide students with a comprehensive introduction to the uses and limitations of a variety of qualitative and quantitative research methods used by sociologists, social policy makers, psychologists and health specialists. It will examine some of the key relationships between theoretical issues and research methods and will introduce students to a range of ethical issues and considerations relating to conducting research with groups, organisations or individuals. There will be opportunities for informal formative assessment to support student learning and discuss their overall progress. The portfolio consists of 10 questions relating to each step of the research process. Students will complete 1 question per week following taught sessions.

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Portfolio	3000 Word portfolio	100	0	MLO2, MLO4, MLO3, MLO1