

## Research Methods

### Module Information

2022.01, Approved

#### Summary Information

Module Code	5503BEQR
Formal Module Title	Research Methods
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 5
Grading Schema	40

#### Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

#### Partner Teaching Institution

Institution Name
Oryx Universal College WLL

#### Learning Methods

Learning Method Type	Hours
Workshop	30

#### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	12 Weeks

#### Aims and Outcomes

Aims	To understand the academic research process and the differing techniques, strategies and methods used to undertake research in the built environment To develop a research proposal that can be taken forward to the final year research project
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**After completing the module the student should be able to:**

**Learning Outcomes**

Code	Number	Description
MLO1	1	Appraise, compare and interpret key theories, concepts and methodological issues related to research in the built environment
MLO2	2	Explain and relate the nature and purpose of each stage in the research process and be able to justify options
MLO3	3	Design and propose a research project on a specific area of study, including ethical consideration

**Module Content**

Outline Syllabus	Developing research questions, aims and objectives. Research design and theoretical approaches - exploration of quantitative, qualitative and mixed methods design and particular philosophical approaches. Research strategies - including case study research, survey research, and observational research. Research methods - data collection methods such as questionnaires, interview and secondary data analysis. Ethical principles in research - how to conduct research ethically and responsibly.
Module Overview	
Additional Information	The research methods module enables students to develop and research proposal that could potentially be used for their final year research project. A supervisor will be nominated at the beginning of the module to work individually with each student.

**Assessments**

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	RESEARCH PROPOSAL	100	0	MLO1, MLO2, MLO3

**Module Contacts**

**Module Leader**

Contact Name	Applies to all offerings	Offerings
Tasnim Ahmed	Yes	N/A

**Partner Module Team**

Contact Name	Applies to all offerings	Offerings
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