

Research Methods

Module Information

2022.01, Approved

Summary Information

Module Code	5616BECC
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
Coleg Cambria

Learning Methods

Learning Method Type	Hours
Lecture	10
Tutorial	8
Workshop	10

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	28 Weeks

Aims and Outcomes

Aims	To understand the academic research process and the different 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	<ul style="list-style-type: none"> 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 a research proposal that could potentially be used for their final year research project.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Presentation	Research poster	20	0	MLO1
Report	Research Proposal	80	0	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Mohan Siriwardena	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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