

Research Methods

Module Information

2022.01, Approved

Summary Information

Module Code	7505UCEPG
Formal Module Title	Research Methods
Owning School	Civil Engineering and Built Environment
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Unicaf

Learning Methods

Learning Method Type	Hours
Online	16

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
APR-PAR	PAR	April	12 Weeks

Aims and Outcomes

Aims	To provide a critical understanding of the academic research process understanding the differing techniques, strategies and methods used to undertake research in the built environment.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Critically appraise, compare and interpret key theories, concepts and methodological issues related to research in the built environment.
MLO2	2	Critically explain and relate the nature and purpose of each stage in the research process and be able to justify options related to the preparation of a post-graduate research study.
MLO3	3	Critically apply and propose appropriate research knowledge and techniques to each stage of the research process.

Module Content

Outline Syllabus	<p>Overview of the research process focusing on research design and strategy.</p> <p>Formulation of a research question and specific area of study.</p> <p>Information sources and the purpose, nature and scope of literature reviewing.</p> <p>Data collection techniques used in quantitative and qualitative research.</p> <p>Process of data validation, inputting, and analysis.</p> <p>Interpretation, discussion and conclusions of research findings.</p>
Module Overview	
Additional Information	The module develops students' critical understanding of the research process as well as skills in research design, implementation and presentation in terms of the preparation and production of a post-graduate research study.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Essay	Essay	40	0	MLO1
Report	Report	60	0	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Ali Rostami	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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