

Summary Information

Module Code	65011CBTQT
Formal Module Title	Advanced Research Methods
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 6
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Mohan Siriwardena	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

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
International College of Business and Technology

Learning Methods

Learning Method Type	Hours
Workshop	30

Module Offering(s)

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

Aims and Outcomes

Aims	To evaluate 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 research project.
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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Appraise, compare and interpret key theories, concepts and methodological issues related to research in the built environment.
MLO2	Explain and relate the nature and purpose of each stage in the research process and be able to justify options.
MLO3	Design and propose a research project on a specific area of study, including ethical consideration.
MLO4	Evaluate the alternative methods that are available to analyse qualitative and quantitative data.

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

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)	Learning Outcome Mapping
Report	Research Proposal	100	0	MLO2, MLO4, MLO1, MLO3