

Summary Information

Module Code	5203BEUG
Formal Module Title	Research Methods
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 5
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Atousa Khodadadyan	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Steffen Heinig	Yes	N/A
Mohammed Qabshoqa	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Workshop	30

Module Offering(s)

Offering Code	Location	Start Month	Duration
JAN-CTY	CTY	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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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

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
This research methods module enables you to develop and research a proposal that could potentially be used for your final year research project. A supervisor will be nominated at the beginning of the module to work individually with you. You will develop your research skills and the differing techniques, strategies and methods used to undertake research in the built environment.

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. On the Real Estate Degree Apprenticeship programme, the knowledge learning outcomes are K5. On the Quantity Surveying Degree Apprenticeship programme, the knowledge learning outcomes are K5 and K8. On the Construction Management Degree Apprenticeship programme, the knowledge learning outcomes are K5 and K8.

Assessments

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