

## Liverpool John Moores University

Title: RESEARCH METHODS  
Status: Definitive  
Code: **5203BEUG** (122325)  
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment  
Teaching School/Faculty: Civil Engineering and Built Environment

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**Academic Level:** FHEQ5      **Credit Value:** 10      **Total Delivered Hours:** 30  
**Total Learning Hours:** 100      **Private Study:** 70

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Workshop	30

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	RESEARCH PROPOSAL	100	

### 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*

## Learning Outcomes

After completing the module the student should be able to:

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

## Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

RESEARCH PROPOSAL    1        2        3

## 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.*

## Learning Activities

Directed workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the syllabus material in context. Additional support is also provided by nominated supervisor.

## Notes

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.