

## Liverpool John Moores University

Title: Research Methods  
Status: Definitive  
Code: **5616BECC** (128165)  
Version Start Date: 01-08-2021

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

Team	Leader
Mohan Siriwardena	Y

**Academic Level:** FHEQ5      **Credit Value:** 10      **Total Delivered Hours:** 28  
**Total Learning Hours:** 100      **Private Study:** 72

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	10
Tutorial	8
Workshop	10

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	AS1	Poster	20	
Report	AS2	Report	80	

### 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*

## 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 poster	1		
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

This module will utilise blended learning which will combine e-learning with more traditional teaching. In addition, students will be encouraged to monitor their own learning on this module. Workshops and online learning materials will be used to provide an overview of each topic.

The lectures will be delivered by the module team and on occasion, guest speakers from different relevant professional backgrounds with particular expertise in aspects of the curriculum.

Workshops will be used as space for students to explore and discuss issues in small groups and for tutors to identify individual learning needs of students.

## Notes

The research methods module enables students to develop a research proposal that could potentially be used for their final year research project.