Module Proforma

Approved, 2022.02

Summary Information

Module Code	7400BEPG
Formal Module Title	Research Methods
Owning School	Civil Engineering and Built Environment
Career	Postgraduate Taught
Credits	10
Academic level	FHEQ Level 7
Grading Schema	50

Module Contacts

Module Leader

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

Module Team Member

Contact Name	Applies to all offerings	Offerings

Partner Module Team

Contact Name	Applies to all offerings	Offerings

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours

Lecture	11
Online	4

Module Offering(s)

Offering Code	Location	Start Month	Duration
SEP-CTY	CTY	September	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.

Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Critically appraise, compare and interpret key theories, concepts and methodological issues related to research in the built environment.
MLO2	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	Critically apply and propose appropriate research knowledge and techniques to each stage of the research process.

Module Content

Outline Syllabus
Overview of the research process focusing on research design and strategy.Formulation of a research question and specific area of study.Information sources and the purpose, nature and scope of literature reviewing. Data collection techniques used in quantitative and qualitative research.Process of data validation, inputting, and analysis.Interpretation, discussion and conclusions of research findings.

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)	Learning Outcome Mapping
Report	Report	100	0	MLO1, MLO3, MLO2