Architectural Technology Dissertation

Module Information

2022.01, Approved

Summary Information

Module Code	6309BEUG
Formal Module Title	Architectural Technology Dissertation
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	40
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	10
Tutorial	8
Workshop	10

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	28 Weeks

Aims and Outcomes

Aims	To enable students to complete a substantial piece of individual work and build on their expertise in a selected area of study related to the discipline of Architectural TechnologyTo develop students' research, time management, presentation and written communication skills.

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Identify a research question, problem or hypothesis and establish aims and objectives to support the investigation.
MLO2	2	Collate, and appraise existing knowledge in a selected aspect of architectural technology and present a critical evaluation in the form of a literature review.
MLO3	3	Develop and refine a research and data collection strategy appropriate to the research question posed.
MLO4	4	Source, collect, and analyse relevant qualitative and/or quantitative data.
MLO5	5	Synthesise and critically evaluate the research findings using reasoned and logical arguments within a structured written framework.

Module Content

Outline Syllabus	Research in the built environment and the discipline of architectural technologyUndertaking research, the research process and research ethicsProject planning for undertaking a significant individual research project / dissertationInformation sources and undertaking a comprehensive literature review Defining research questions, aims and objectives Using primary and secondary data sourcesUnderstanding and applying appropriate research methodsTools and techniques for the collection and analysis of quantitative and / or qualitative dataPresentation and evaluation of resultsIdentification of recommendations for practice from the findingsProfessional presentation of the overall dissertation.Research project planning; formulating research aims and objectivesUndertaking practical research and research ethicsSecondary data and sources of informationResearch methodology and survey designStatistical analysis tools and techniquesPresentation of findings
Module Overview	
Additional Information	This module enables students to complete an in-depth study on, a topic related to the discipline of architectural technology. The module applies students' practical research skills and enhances their knowledge and expertise in the selected subject area. As the completion is principally student-led the module offers the opportunity to further develop time management, presentation and communication skills

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Report	20	0	MLO1, MLO2, MLO3
Dissertation	Dissertation	80	0	MLO1, MLO2, MLO3, MLO4, MLO5

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings

Mohammed Qabshoqa	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings