

Individual Student Project

Module Information

2022.01, Approved

Summary Information

Module Code	5501ICPDCE
Formal Module Title	Individual Student Project
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
International College of Business and Technology

Learning Methods

Learning Method Type	Hours
Lecture	15

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	12 Weeks

Aims and Outcomes

Aims	The module aims to enable you to complete a substantial piece of individual work and build on your expertise in a selected area of study. It aims to develop your research, time management, presentation and written communication skills.
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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 Civil Engineering field and present an evaluation in the form of a literature review
MLO3	3	Develop data collection strategy appropriate to the research question / problem posed
MLO4	4	Present project proposal to a suitable audience

Module Content

Outline Syllabus	Introduction to the Individual Project The selection of a Research Topic and formulation of a research question Establishing a research aim and setting / tailoring objectives to fulfil that goal The structure and purpose of Individual Project Importance of literature study and identification of knowledge gaps -Use of appropriate referencing system Research Approaches and Strategies The Inductive versus Deductive Approach Qualitative and Quantitative Research Data Collection Strategies (Interviews, Field Tests, Lab Tests, Surveys, Questionnaires, Case Studies) The Knowledge Database. Effective Literature Searching and Literature Reviews Data Collection and Analysis Data Collection Tools including Bristol on-line surveys/Google form/etc., Use of OneNote/ etc. Qualitative and Quantitative Data Analysis Data Analysis tools including SPSS and NVivo
Module Overview	
Additional Information	

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Essay	Presentation/Viva	30	0	MLO4
Report	Report	70	0	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Alison Cotgrave	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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