

Liverpool John Moores University

Title: DISSERTATION
Status: Definitive
Code: **6112BEUG** (118169)
Version Start Date: 01-08-2020

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

Team	Leader
Yog Upadhyay	Y

Academic Level: FHEQ6
Credit Value: 24
Total Delivered Hours: 20
Total Learning Hours: 240
Private Study: 220

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	18
Workshop	2

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Dissertation	AS1	Dissertation	100	

Aims

To enable students to complete a substantial piece of individual work and build on their expertise in a selected area of study.

To develop students research, time management, presentation and written communication skills.

Learning Outcomes

After completing the module the student should be able to:

- 1 Identify a research question, problem or hypothesis and establish aims and objectives to support the investigation.
- 2 Collate, and appraise existing knowledge in the chosen field and present a critical evaluation in the form of a literature review.
- 3 Develop and refine a research and data collection strategy appropriate to the research question/problem posed.
- 4 Source, collect, and analyse relevant and original qualitative and/or quantitative data.
- 5 Synthesise, analyse and critically evaluate the research findings using reasoned and logical arguments within a structured written framework

Learning Outcomes of Assessments

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

DISSERTATION	1	2	3	4	5
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Outline Syllabus

1. Introduction to the Dissertation

- *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 a dissertation*

2. 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*

3. Data Collection and Analysis

- *Data Collection Tools including Bristol on-line surveys*
- *Qualitative and Quantitative Data Analysis*
- *Data Analysis tools including SPSS and NVivo*

Learning Activities

Individual study and investigation, supported by nominated Supervisor; lectures; workshops.

Notes

The dissertation enables students to personally select, and complete an in-depth study on, a topic related to their chosen discipline. The module develops students'

practical research skills and enhances their knowledge and expertise in the selected subject area. As the completion of a dissertation is principally student-led the module offers the opportunity to further develop time management, presentation and communication skills.