Liverpool John Moores University

Title: DISSERTATION
Status: Definitive
Code: **6512BESL**   (124377)
Version Start Date: 01-08-2020

Owning School/Faculty: Civil Engineering and Built Environment
Teaching School/Faculty: Sri Lanka Institute of Information Technology

Team	Leader
Matthew Tucker	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

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 Quantitive 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.