

## Project Dissertation

### Module Information

2022.01, Approved

#### Summary Information

Module Code	7612UPGRAD
Formal Module Title	Project Dissertation
Owning School	Computer Science and Mathematics
Career	Postgraduate Taught
Credits	60
Academic level	FHEQ Level 7
Grading Schema	50

#### Teaching Responsibility

LJMU Schools involved in Delivery
Computer Science and Mathematics

#### Learning Methods

Learning Method Type	Hours
Online	15

#### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
APR-PAR	PAR	April	12 Weeks
JAN-PAR	PAR	January	12 Weeks
SEP-PAR	PAR	September	12 Weeks

#### Aims and Outcomes

Aims	To develop the student's ability to plan, execute and report in depth on a major research investigation related to Big Data. This work enables students to display all of the skills learnt on the programme and give the opportunity to demonstrate creativity, initiative, ingenuity and communication in an academic context. This may be carried out, where appropriate, in conjunction with industry.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Synthesize skills and techniques taught in the programme, this then should be used to research the area related to Big Data topics in which the investigation takes place using independent study.
MLO2	2	Discuss and critically evaluate a selected area of research within the domain of Big Data, and implement a reliable solution using their previous experience and skills gained during the programme and identify relevant Legal, Social, Ethical and Professional Issues associated with the project.
MLO3	3	Structure and write a major dissertation at this level.
MLO4	4	Apply the conventions of academic research dissemination to personal research.

### Module Content

Outline Syllabus	Appropriate project areas within the field of data science and techniques will be decided in consultation between the tutor and the student. Self-directed, individual study, research and the writing up of a dissertation.
Module Overview	
Additional Information	The module aims at developing the student's ability to plan, execute and report in depth on a major investigation.

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Presentation	Final Presentation	10	0	MLO4
Dissertation	Dissertation (Project Report)	90	0	MLO1, MLO2, MLO3

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings
Dhiya Al-Jumeily	Yes	N/A

#### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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