

# Synoptic Project

## Module Information

2022.01, Approved

### Summary Information

Module Code	6000DACOMP
Formal Module Title	Synoptic Project
Owning School	Computer Science and Mathematics
Career	Undergraduate
Credits	40
Academic level	FHEQ Level 6
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
Computer Science and Mathematics

### Learning Methods

Learning Method Type	Hours
Lecture	6
Seminar	12
Workshop	11

### Module Offering(s)

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

### Aims and Outcomes

Aims	To enable the student to use rigorous development or scientific methods to produce an artefact relevant to their programme of study. To present results both orally and as a written report.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Analyse the research in the chosen area and prepare a literature review.
MLO2	2	Design and develop a solution to a chosen problem.
MLO3	3	Critically evaluate the artefact produced.

### Module Content

Outline Syllabus	Identification of a problem related to their programme of study. Background research on chosen topic. Identification of potential solutions and assessment of them based on research in the area. Design of a potential solution. Production of an artefact relevant to the programme of study. Write up of project to form the final project report. Presentation to show progress on the project, the artefact produced and a critique of it. Meeting with assigned supervisor to discuss progress and seek guidance on future directions for study.
Module Overview	
Additional Information	This module presents the student with the opportunity to complete a substantial project in a chosen area relevant to their programme.

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Dissertation	Project Report	85	0	MLO2, MLO1
Presentation	Presentation	15	0	MLO3

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings
Syed Naqvi	Yes	N/A

#### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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