LIVERPOOL JOHN MOORES UNIVERSITY

Research Skills

Module Information

2022.01, Approved

Summary Information

Module Code	5100COMP
Formal Module Title	Research Skills
Owning School	Computer Science and Mathematics
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 5
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Computer Science and Mathematics

Learning Methods

Learning Method Type	Hours
Lecture	11
Practical	11
Workshop	5

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To prepare for undertaking a dissertation or research projectTo understand research methods appropriate for computing disciplinesTo develop a research proposal underpinning a dissertation or research project.

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Generate research questions
MLO2	2	Critically evaluate existing research
MLO3	3	Review relevant literature
MLO4	4	Develop a research project proposal

Module Content

Outline Syllabus	Research principles and designResearch questions - hypothesisCritiquing researchResearch ethicsLiterature: searching, reviewing and citationExperimental methods: data collection, interpretation, quantitative and qualitative methodsResearch planning: writing project proposals, project planning and managementAcademic writing: reports, essays
Module Overview	
Additional Information	This module is intended to provide basic research skills for computing disciplines, which will support the project and other research undertaken in the final year of study.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Project Proposal	100	0	MLO1, MLO2, MLO3, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Silvester Czanner	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings