

Summary Information

Module Code	7111COMP
Formal Module Title	Research Topics in Computer Science
Owning School	Computer Science and Mathematics
Career	Postgraduate Taught
Credits	20
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
Seminar	11

Module Offering(s)

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

Aims and Outcomes

Aims	To familiarise students with current research topics in Computer Science. Develop an understanding of research approaches in Computer Science including ethics and codes of conduct. Develop skills in Computer Science Research paper writing.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Conduct research relating to Computer Science following ethical principles.
MLO2	2	Display advanced knowledge of one or more issues within Computer Science.
MLO3	3	Demonstrate expertise in applying knowledge to Computer Science problems.
MLO4	4	Demonstrate skills in the communication of research findings.

Module Content

Outline Syllabus	Topics will include current research in Computer Science and may include but are not limited to: Web Science and Graph Theory The Semantic Web Data Mining Machine Learning Real-time systems Autonomic Computing Functional Programming and Category Theory
Module Overview	This module will familiarise you with current research topics in Computer Science. It enables you to: cultivate an understanding of research approaches in Computer Science including ethics and codes of conduct develop skills in Computer Science Research paper writing
Additional Information	This course covers current research in Computer Science.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Centralised Exam	Research paper	80	0	MLO1, MLO2, MLO3, MLO4
Presentation	Presentation	20	0	MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Martin Randles	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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