

Observational Astrophysics Project

Module Information

2022.01, Approved

Summary Information

Module Code	7017ASTPHY
Formal Module Title	Observational Astrophysics Project
Owning School	Astrophysics Research Institute
Career	Postgraduate Taught
Credits	60
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
Astrophysics Research Institute

Learning Methods

Learning Method Type	Hours
Online	14

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
APR-CTY	CTY	April	12 Weeks

Aims and Outcomes

Aims	To allow students to develop the skills required to be involved in real scientific research. To give students the experience of working independently on an original problem. To give students the opportunity to display qualities and skills such as initiative, ingenuity and communication.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Demonstrate experience of planning and carrying out detailed scientific research.
MLO2	2	Discuss and critically appraise a selected area of current astrophysical research.
MLO3	3	Critically present and communicate the results of an investigation.

Module Content

Outline Syllabus	Appropriate project areas will be decided in consultation with the tutor and student.
Module Overview	<p>This module aims to develop the skills required to be involved in real scientific research. It:</p> <ul style="list-style-type: none"> enables you to work independently on an original problem helps you to display qualities and skills such as initiative, ingenuity and communication
Additional Information	<p>There will be particular emphasis on developing independent learning skills and IT capability. Online literature searches and evaluation of relevant scientific and popular literature will be key aspects, together with development of written communication skills. Module delivered by distance learning. Please note that the assessment of this module will include a recorded viva examination.</p>

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Dissertation	Masters level project	70	0	MLO1, MLO2, MLO3
Presentation	Online project viva	30	0	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
David Bersier	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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