

Summary Information

Module Code	7011ASTPHY
Formal Module Title	Astrophysics Project
Owning School	Astrophysics Research Institute
Career	Postgraduate Taught
Credits	60
Academic level	FHEQ Level 7
Grading Schema	50

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Shiho Kobayashi	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Matthew Darnley	Yes	N/A
Stacey Habergham-Mawson	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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Teaching Responsibility

LJMU Schools involved in Delivery
Astrophysics Research Institute

Learning Methods

Learning Method Type	Hours
Online	14

Module Offering(s)

Offering Code	Location	Start Month	Duration
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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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Demonstrate experience of planning and carrying out detailed scientific research.
MLO2	Discuss and critically appraise a selected area of current astrophysical research.
MLO3	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 develops the skills required to undertake real scientific research. It enables you to:</p> <p>work independently on an original problem</p> <p>display qualities and skills such as initiative, ingenuity and communication</p> <p>develop and analyse independent research</p>

Additional Information

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. Course delivered by distance learning. Please note that the assessment of this module will include a recorded viva examination.

Assessments

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