

Liverpool John Moores University

Title: Data Science Project
Status: Definitive
Code: **7030DATSCI** (125178)
Version Start Date: 01-08-2021

Owning School/Faculty: Astrophysics Research Institute
Teaching School/Faculty: Astrophysics Research Institute

Team	Leader
Ivan Baldry	Y
Gabriela Czanner	
Ivan Olier-Caparroso	
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Daniel Perley	
Sandra Ortega Martorell	
Steven Longmore	
Paolo Mazzali	
Ian Jarman	
Iain Steele	
Toby Moore	

Academic Level: FHEQ7 **Credit Value:** 60 **Total Delivered Hours:** 15

Total Learning Hours: 600 **Private Study:** 585

Delivery Options

Course typically offered: Semester 2 and Summer

Component	Contact Hours
Tutorial	15

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Report	Project Report	70	
Presentation	Viva	Project Viva	30	

Aims

Allow the students to display all of the skills learnt on the programme and give the opportunity to demonstrate creativity, initiative, ingenuity and communication in an academic context.

Learning Outcomes

After completing the module the student should be able to:

- 1 Synthesize skills and techniques taught in the programme
- 2 Discuss and critically evaluate a selected area of research.
- 3 Apply the conventions of academic research dissemination to personal research

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Project Report	1	2	3
Project Viva	1	2	3

Outline Syllabus

Appropriate project areas and techniques will be decided in consultation between the tutor and the student, based on a selection of project outlines from the tutors that will be updated regularly to reflect current topics of research interest.

Learning Activities

Weekly discussions with tutor(s)
Peer to peer support with other students
Independent research, methodology development, analysis of data set(s)
Testing of appropriate methodology
Literature searches and reviews
Production of a written thesis

Notes

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