

Basic details

UID

Cohorts covered

Earliest cohort

2024-25

Latest cohort

Long title

MSci Project

New code

PHYS70002

New short title

Brief description of module
(approx. 600 chars.)

A substantial research project, carried out with the student embedded in a research group, under the guidance of research-active staff. The project is the most substantial and long-term of the degree and provides a first-hand insight into how scientific research in a university environment operates, valuable both to students considering further research following their degree and because of the transferrable skills developed. Students carry out the project either as a pair or individually, selecting a topic based on offers from research staff, typically from within the physics department. The project begins with a literature review and culminates with a viva and written report.

686 characters

Available as a standalone module/ short course?

N

Statutory details

ECTS

CATS

Non-credit

Credit value

25

50

N

HECOS codes

FHEQ level

Level 7

Allocation of study hours

	Hours	
Lectures	2	
Group teaching	1	Incl. seminars, tutorials, problem classes.
Lab/ practical	300	
Other scheduled	22	Incl. project supervision, fieldwork, external visits.
Independent study	300	Incl. wider reading/ practice, follow-up work, completion of assessments, revisions.
Placement	0	Incl. work-based learning and study that occurs overseas.
Total hours	625	
ECTS ratio	25.00	

Project/placement activity

Is placement activity allowed?

No

Module delivery

Delivery mode

Year-long

Other

Research group based on campus

Other

Ownership

Primary department

Physics

Additional teaching departments	Departments outside physics are possible

Delivery campus	South Kensington
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Collaborative delivery

Collaborative delivery?	N
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External institution	N/A
External department	N/A
External campus	N/A

Associated staff

Role	CID	Given name	Surname
Module Leader		Alexander	Tapper

Learning and teaching

Module description

Learning outcomes	On completing the MSci Project, students will have developed their: Research skills: – experience research environment. – take initiative (independence). – innovation. Organisational skills: – time-management. – project planning. – adhere to deadlines. Ability to work interactively: – team work. – effective communication. – professional relationships. Communication skills: – report writing. – presentation and viva.
Module content	The initial part of the project is a literature review conducted at the end of the third year and with a deadline in early October. The main research part is carried out within the research groups and covers the first two terms of the year. It finishes with an oral viva in the last week of the second term and a report that is handed in during the 1st week of the third term. Students will also be required to write a one-page project summary, and also produce a conference-style poster.
Learning and Teaching Approach	Projects are research-group based with staff supervisor and assessor. Approaches are dependent on the supervisor and the project topic, and may be practical or theoretical in nature.
Assessment Strategy	Assessment is by coursework, oral presentation and continuous assessment. The assessment of literature review and viva examination conducted by the supervisor and the assessor. The written report is assessed by the assessor and the MSci project panel. Continuous assessment is provided by the supervisor.

Feedback	Feedback is provided on the literature review, final report, poster session, viva examination and continuous assessment.
Reading list	There is no set reading list for this module. Supervisors recommend reading appropriate to the content of the project.

Quality assurance

Office use only

Date of first approval		QA Lead	
Date of last revision		Department staff	
Date of this approval		Date of collection	
Module leader	Alexander Tapper	Date exported	
		Date imported	
Notes/ comments			

Associated modules

[illegible]

UID	Legacy code	Module title	Requisite type

Assessment details

Grading method	Numeric
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Pass mark

50%

Assessments

Assessment type	Assessment description	Weighting	Pass mark	Must pass?
			50%	Y
Coursework	Risk assessment	0%	50%	
Coursework	Literature review	15%	50%	
Coursework	Progress review	0%	50%	
Coursework	Report outline	0%	50%	
Coursework	Report	50%	50%	
Practical	Continuous assessment	10%	50%	
Practical	Viva	15%	50%	
Practical	1-page project summary + conference-style poster	10%	50%	
		100%		