Imperial College London

Module Specification (Curriculum Review)

Basic details Earliest cohort Latest cohort UID Cohorts covered 2024-25 Long title MSci Project New code PHYS70002 New short title A substantial research project, carried out with the student embedded in a research group, under Brief description of module the guidance of research-active staff. The project is the most substantial and long-term of the (approx. 600 chars.) 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? Ν Statutory details ECTS CATS Non-credit Credit value Ν **HECOS** codes 25 50 FHEQ level Level 7 Allocation of study hours Hours Lectures 2 1 Incl. seminars, tutorials, problem classes. Group teaching Lab/ practical 300 Other scheduled 22 Incl. project supervision, fieldwork, external visits. Incl. wider reading/ practice, follow-up work, completion of assessments, revisions. Independent study 300 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 Delivery term	Year-long	Other Other	Research group based on campus
Ownership			
Primary department	Physics		

Additional teaching departments	Departments outside physics are possible
Delivery campus	South Kensington

Collaborative delivery

Collaborative delivery?

Ν

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	Projects are research-group based with staff supervisor and assessor. Approaches are dependent on the
Teaching Approach	supervisor and the project topic, and may be practical or theoretical in nature.
readining Approach	
Assessment	Assessment is by coursework, oral presentation and continuous assessment. The assessment of literature
Strategy	review and viva examination conducted by the supervisor and the assessor. The written report is assessed
olialogy	by the assessor and the MSci project panel. Continuous assessment is provided by the supervisor.

Feedback is provided assessment.	l on the literature review, final report, p	oster session, viva examination and continuous
There is no set readir the project.	ng list for this module. Supervisors reco	ommend reading appropriate to the content of
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Template version 16/06/2017

Programme structure Associated modules

UID	Legacy code	Module title	Requisite type

Assessment details

Grading method Numeric

Pass mark 50%

Assessments

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