Imperial College London

Module Specification (Curricu

Basic details

UID		Cohorts covered (Earliest cohort)	2025-26
Long title	Self-study project		
New code	PHYS70028	New short title	
Brief description of module *(approx. 600 chars.)*	This module lets you develop your ability to distil information from the scientific lit methods appropriate to the chosen topic. You will develop skills for analysing an literature. You will produce a report outlining the background to the chosen topic in its development from conception through to the current state-of-the-art. Typica chosen will be a research area or technique.		
Available as a standalone module/ short course?	N		

Statutory details

	ECTS	CATS	Non-credit	
Credit value	5	10	N	HECOS codes
FHEQ level	Level 7			

Allocation of study hours

	Hours	
Lectures	0	
Group teaching	0	*Incl. seminars, tutorials, problem classes.*
Lab/ practical		
Other scheduled	12	*Incl. project supervision, fieldwork, external visits.*
Independent study	113	*Incl. wider reading/ practice, follow-up work, completion of assess*
Placement	0	*Incl. work-based learning and study that occurs overseas.*
Total hours	125	
ECTS ratio	25.00	

Project/placement activity

Is placement activity allowed?	No		

Module delivery

Delivery mode	Taught/ Campus	Other	
Delivery term	Term 2	Other	

Ownership

Primary department	Physics
Additional teaching departments	
Delivery campus	South Kensington

Collaborative delivery

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

Associated staff

Role	CID	Given name	Surname
Module Leader		Christopher	Dunsby

Learning and teaching

Module description

Learning outcomes	On completion of this module you will be able to: - appraise and interpret the scientific literature to extract information on a particular topic - critically review material extracted from the scientific literature and be able to explain the topic to the current state-of-the-art - produce a written report on the literature review and give an associated oral presentation
Module content	An independent literature review of a research topic or technique in optics and photonics. literature students develop an understanding of the basic principles behind their selected research and/or development that has been applied around that topic to bring it to its curr
Learning and Teaching Approach	The students will work individually on a literature review with a high degree of independenc through discussion between the student and self-study supervisor or from a list of project potential supervisors. Work on this module is spread across Term 2. During this period st weekly meetings with the supervisor giving students an opportunity to discuss progress a Meetings with supervisors may be in groups with other students sharing the same or simil
Assessment Strategy	The module is assessed by a written report that contributes 80% of the total mark. The st minute presentation followed by 5 minutes of questions that has a weight of 20%.
Feedback	Informal feedback will be provided to the student by their supervisor(s) continuously throu the work. Students will receive feedback from the supervisor on the structure of their thesis and on that they wish to consult their supervisor on.
Reading list	A set of initial reading appropriate to the particular project will be provided by the

Quality assurance

Date of first approval	
Date of last revision	July 2025
Date of this approval	
Module leader	Christopher Dunsby
Notes/ comments	

Office use only

QA Lead	
Department staff	
Date of collection	
Date exported	
Date imported	

Template version

lum Review)

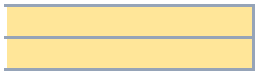
Latest cohort

erature using
d critiquing the
and the key steps
lly the topic

440 characters

ments, revisions.

e development of the n
Using the scientific topic, and the ent day standing.
ce. Topic choice is s proposed by tudents have regular nd future plans. ar topics.
udents also give a 15-
ugh the duration of any specific areas
supervisor.



16/06/2017