

Basic details

UID	<input type="text"/>	Cohorts covered	Earliest cohort 2024-25	Latest cohort <input type="text"/>
Long title	<input type="text" value="Self-study project"/>			
New code	<input type="text" value="PHYS70028"/>	New short title	<input type="text"/>	
Brief description of module <i>(approx. 600 chars.)</i>	<input type="text" value="This module lets you develop your ability to distil information from the scientific literature using methods appropriate to the chosen topic. You will develop skills for analysing and critiquing the literature. You will produce a report outlining the background to the chosen topic and the key steps in its development from conception through to the current state-of-the-art. Typically the topic chosen will be a research area or technique."/>			
				440 characters
Available as a standalone module/ short course?	<input type="text" value="N"/>			

Statutory details

Credit value	ECTS <input type="text" value="5"/>	CATS <input type="text" value="10"/>	Non-credit <input type="text" value="N"/>	HECOS codes	<input type="text"/>
FHEQ level	<input type="text" value="Level 7"/>			<input type="text"/>	<input type="text"/>
				<input type="text"/>	<input type="text"/>

Allocation of study hours

	Hours	
Lectures	<input type="text" value="0"/>	
Group teaching	<input type="text" value="0"/>	<i>Incl. seminars, tutorials, problem classes.</i>
Lab/ practical	<input type="text"/>	
Other scheduled	<input type="text" value="12"/>	<i>Incl. project supervision, fieldwork, external visits.</i>
Independent study	<input type="text" value="113"/>	<i>Incl. wider reading/ practice, follow-up work, completion of assessments, revisions.</i>
Placement	<input type="text" value="0"/>	<i>Incl. work-based learning and study that occurs overseas.</i>
Total hours	<input type="text" value="125"/>	
ECTS ratio	<input type="text" value="25.00"/>	

Project/placement activity

Is placement activity allowed?

Module delivery

Delivery mode	<input type="text" value="Taught/ Campus"/>	Other	<input type="text"/>
Delivery term	<input type="text" value="Term 2"/>	Other	<input type="text"/>

Ownership

Primary department

Additional teaching departments

Delivery campus

Collaborative delivery

Collaborative delivery?

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 development of 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. Using the scientific literature students develop an understanding of the basic principles behind their selected topic, and the research and/or development that has been applied around that topic to bring it to its current day standing.
Learning and Teaching Approach	The students will work individually on a literature review with a high degree of independence. Topic choice is through discussion between the student and self-study supervisor. Work on this module is spread across Term 2. During this period students have regular weekly meetings with the supervisor giving students an opportunity to discuss progress and future plans.
Assessment Strategy	The module is assessed by a written report that contributes 80% of the total mark. The students also give a 15-minute presentation, followed by 5 minutes of questions, to the whole MSc class plus the project supervisor and other academic staff that has a weight of 20%.
Feedback	Informal feedback will be provided to the student by their supervisor(s) continuously through the duration of the work. Students will receive feedback from the supervisor on the structure of their thesis and on any specific areas 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 supervisor.

Quality assurance

Date of first approval	
Date of last revision	June 2023
Date of this approval	

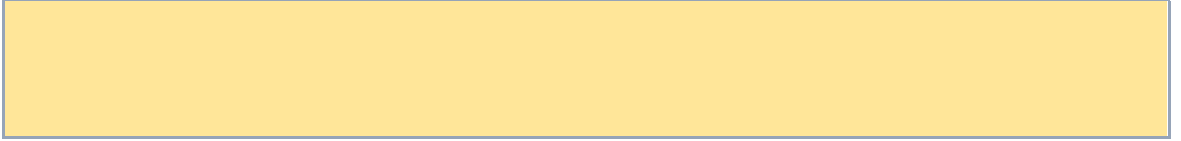
Module leader Christopher Dunsby

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QA Lead	
Department staff	
Date of collection	

Date exported
Date imported

Notes/ comments



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