

Basic details

UID

Cohorts covered

Earliest cohort

2024-25

Latest cohort

Long title

Year 3 Project

New code

PHYS60016

New short title

Year 3 Project

Brief description of module
(approx. 600 chars.)

A research project carried out by students (including both Erasmus students and MSci students who take this as a third-year elective) during the third year of their degree. The project is more substantial and open-ended than those students will have experienced up to this point, and might typically tackle an open problem in physics for which the answer is not yet known or settled. 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 is assessed by the supervisor reporting on work done throughout the project, and by a viva and written report.

672 characters

Available as a standalone module/ short course?

N

Statutory details

Credit value

ECTS

7.5

CATS

15

Non-credit

N

HECOS codes

FHEQ level

Level 6

Allocation of study hours

Hours

Lectures

1

Group teaching

1

Incl. seminars, tutorials, problem classes.

Lab/ practical

100

Other scheduled

10

Incl. project supervision, fieldwork, external visits.

Independent study

75.5

Incl. wider reading/ practice, follow-up work, completion of assessments, revisions.

Placement

Incl. work-based learning and study that occurs overseas.

Total hours

187.5

ECTS ratio

25.00

Project/placement activity

Is placement activity allowed?

No

Module delivery

Delivery mode

Taught/ Campus

Other

Supervision

Delivery term

Other

Term 1 or 2

Ownership

Primary department

Physics

Additional teaching departments	Suitable projects could be carried-out in another department, if supervised or assessed by a staff member in Physics

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		Paul	French

Learning and teaching

Module description

Learning outcomes	On completing the Year 3 Project, students will have had some opportunity to develop their: Research skills: – 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	This is a research project carried out under supervision. The project is more substantial and open-ended than those students will have experienced up to this point, and might typically tackle an open problem in physics for which the answer is not yet known or settled. 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 is assessed by a viva (25%) and written report (50%) supplemented by a continuous assesment/project achievement mark from the supervisor (25%).
Learning and Teaching Approach	The projects are carried out under the supervision of a member of staff. This includes a weekly meeting or contact may be more frequent, depending on the students and supervisor. The work is typically carried out in teams from 2 to 4 students but may be done individually. Suitable projects could be carried out in another department, if supervised or assessed by a staff member in Physics.

Assessment Strategy	The projects are assessed through formative feedback at three key stages: continuous assessment (25%), an individual viva (25%), and a written final report as an individual or team submission (50%). The supervisor provides the continuous assessment mark. The assessor and supervisor carry out the viva and jointly agree the marking. The project assessor and a panel marker independently assess the project report informed by input on progress achieved from the supervisor. The use of panel markers assessing >10 project reports helps to ensure consistency across diverse projects.
Feedback	The students receive feedback from the supervisor based on an initial project plan, informal continuous progress reviews and feedback following the continuous-assessment marking. The students receive also feedback from both supervisor and allocated assessor following the viva and then from the assessor and allocated panel marker following their assessment of the final report. The feedback is managed through an online system based on SharePoint.
Reading list	This depends entirely on individual projects and is usually provided by the corresponding supervisor.

Quality assurance

Date of first approval

Date of last revision

Date of this approval

Module leader

Notes/ comments

Office use only

QA Lead

Department staff

Date of collection

Date exported

Date imported

Associated modules

[illegible]

UID	Legacy code	Module title	Requisite type

Assessment details

Grading method	Numeric
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Pass mark

40%

Assessments

[illegible]