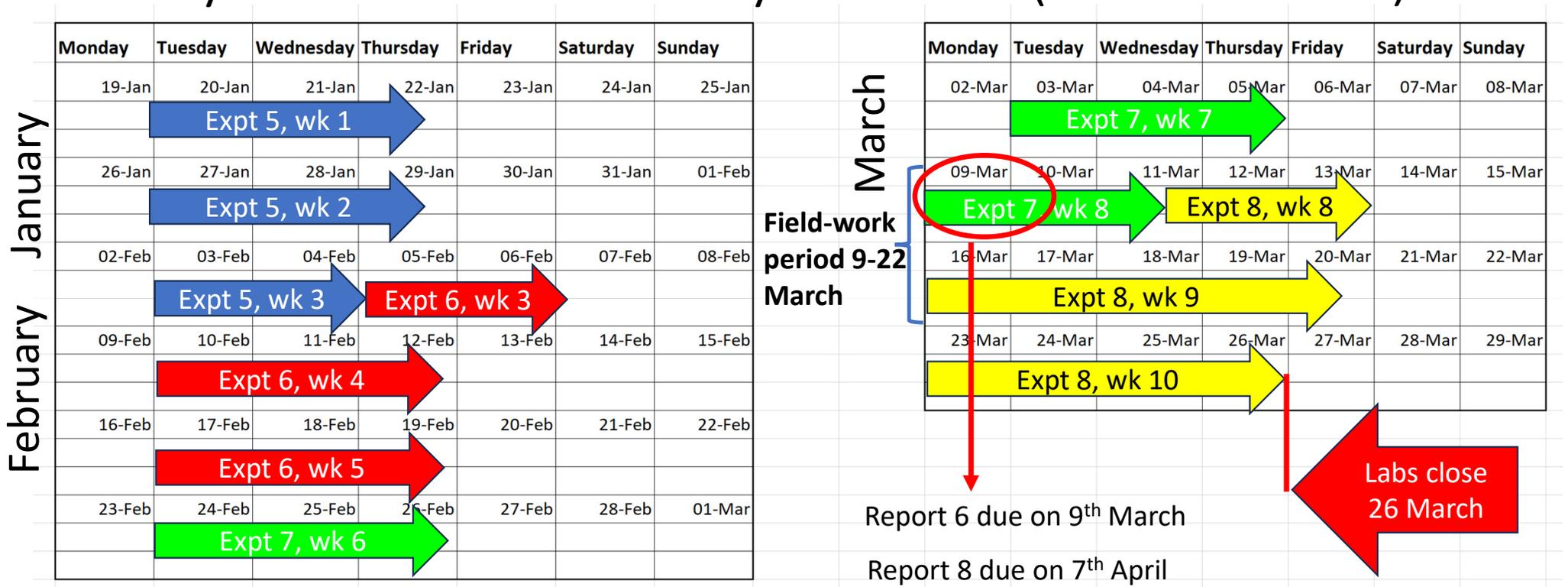


# Advanced Physics Labs

## Trimester 2

21/1/2026

# Physics + PASS + Study Abroad (PHYC30360)



These are indicative timelines only

# Theoretical Physics and Study Abroad PHYC30370

January  
February

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
19-Jan	20-Jan	21-Jan	22-Jan	23-Jan	24-Jan	25-Jan
	Expt 3, wk 1					
26-Jan	27-Jan	28-Jan	29-Jan	30-Jan	31-Jan	01-Feb
	Expt 3, wk 2					
02-Feb	03-Feb	04-Feb	05-Feb	06-Feb	07-Feb	08-Feb
	Expt 3, wk 3					
09-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb
	Expt 3, wk 4					
16-Feb	17-Feb	18-Feb	19-Feb	20-Feb	21-Feb	22-Feb
	Expt 4, wk 5					
23-Feb	24-Feb	25-Feb	26-Feb	27-Feb	28-Feb	01-Mar
	Expt 4, wk 6					

These are indicative timelines only

March

Field-work  
period 9-22  
March

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
02-Mar	03-Mar	04-Mar	05-Mar	06-Mar	07-Mar	08-Mar
	Expt 4, wk 7					
09-Mar	10-Mar	11-Mar	12-Mar	13-Mar	14-Mar	15-Mar
Expt 4, wk 8						
16-Mar	17-Mar	18-Mar	19-Mar	20-Mar		
Labs close 13 March						
23-Mar	24-Mar	25-Mar	26-Mar	27-Mar	28-Mar	29-Mar

30-Mar

Report 4 due on Monday  
March 30th

# Advanced Lab's Philosophy

- Work must be your own– if a report is found to be plagiarised from another student's work, this will be investigated and could result in **both** reports being marked as zero.
- Everything you submit should be your own work, ChatGPT should not be used for the laboratories.
- You must be able to explain and defend everything written in your reports (and code!) during the discussions with staff. Your ability to do so will be part of the grading for the experiment.

**Website for the ADVANCED PHYSICS LABORATORY** <https://physicslabs.ucd.ie>  
(General information, Deadlines, Slides of presentations Python programming, Data acquisition, Data analysis)

Experiments are designed to be extendable: if you have an idea to do something different / extra / new then please do so! (initiative and independent thinking are very important!)



# Statement of Intent



## Statement of Intent

UCD School of Physics  
Advanced Laboratories

Name:

Experiment:

Date:

The Statement of Intent should address the following four points about the experiment you are about to undertake:

1. What is the aim of the experiment?
2. What measurements will be made and how?
3. How will the final result be obtained from the experimental data?
4. What are the main safety concerns with the experiment and precautions that should be taken?

The statement should be reviewed by a member of staff before you begin the experiment.

Motivation:

- While writing report students realise what they should have done!
- Know what you have to do in advance and make a plan!
- Safety

Equipment:

- May be different to handout (e.g AJP paper)
- You should not touch any equipment until you have discussed with a member of staff.
- It is ok (expected) to look at the equipment before writing Statement of Intent.

The Institute of Physics requested student Statements of Intents as part of the accreditation process.

# Reports

- All reports are to be typed (do not forget to append Jupyter notebooks and program code to the end of your reports. Be careful with Jupyter Notebook PDF appendices that they are not all on one page!)
- An Electronic version of each report in a single pdf document is to be [submitted through Brightspace](#) (originality checker will run on it) and [a copy e-mailed to Paul Hanratty](#)
- Please remember to include an “Analysis” section in your report and do not relegate it to an undocumented Python appendix!
- Each experiment and report to be completed (submitted) before starting the next one.
- We do not want large reports – brief, factual, informative reports which are clear and understandable are preferred. (**report-writing session next week**)

# Dignity and respect

- The Advanced Physics Laboratories aim to provide an educational environment with the highest standards of behaviour and ethics, free of bias and any forms of harassment or bullying.
- You should familiarise yourself with and abide by the UCD policies on Student Conduct and Academic Integrity (<https://www.ucd.ie/secca/studentconduct/>)



**UCD Dignity and Respect Support Service**  
Supporting any student, employee or UCD community member who is impacted by issues of **bullying, harassment or sexual misconduct**

- Confidential and proactive support
- Specialist information and guidance
- Support to explore informal and formal resolution options
- Ongoing aftercare support
- Drop in or make an appointment

L532, Level 5 James Joyce Library Building  
respect@ucd.ie ucd.ie/dignityandrespect

Report + Support Tool

QR codes for Instagram, Twitter, and UCD website.

Illustration of two people sitting and talking.

# Other information

- A GPA of 2.48 is needed to progress to Stage 4.
- 3rd year will form 30% of the marks for the final degree.
- PASS/TP: if want to take Medical Physics module in 4th year, then you need to take Nuclear Physics module in 3rd year.
- Google Form sign in and sign out via the QR codes posted in the lab – required for attendance and safety (& insurance) reasons.
- UCD Library Physics guide: <http://libguides.ucd.ie/physics>