

Fourth Year Physics (MPhys) 23/24

Modules & Assessments

Modules

- **Research Project** – CRN 34049 – 60 Credits

Students will be given formal tuition in research methods that will prepare them for the initial production of a research proposal, literature review, project planning and report writing, etc. The project occupies at least ten hours of each week in both semesters of the final year. The student is required to meet a variety of deadlines, such as providing an initial project proposal, an interim report, providing an abstract for the external examiner and submitting the final report.

- **Advanced Quantum Mechanics** – CRN 34048 – 30 Credits

Exercises/Report 40%. Due T1 week 12, Fri 08 Dec 2023

Exam (Online) 60%. Due T1 week 13, Fri 15 Dec 2023

- **Thin Films and Materials Characterisation** – CRN 34050 – 30 Credits

Lab/Report 40%. Due T2 week 12, Fri 26 Apr 2024

Exam 60%. During exam period of T2 weeks 12 & 13, Mon 22 Apr – Fri 03 May

Research Project Components

Portfolio 1

Research Methods (Written Assignment and Presentations) 30%

Portfolio 2

Project Outputs, Dissertation and Oral Assessment 70%

Sample Deadlines

Research Proposal. Due T1 week 07 (07), Fri 03 Nov 2023

Progress Reporting. Due T1 week 13 (13)

Project Journal & Final Report. Due T2 week 11 (31), Fri 19 Apr 2024

Oral Exam in April/May.

See Project Guide for more deadlines.

Fourth Year MPhys Assessments

Academic Year by Week 2023/24

week begins (Monday)	Trimesters	timetable wk no	pool rooms bookable for teaching and revision
11 September 2023	<i>Welcome/Induction</i>	0	
18 September 2023	Trimester 1	1	
25 September 2023	Trimester 1	2	✓
2 October 2023	Trimester 1	3	✓
9 October 2023	Trimester 1	4	✓
16 October 2023	Trimester 1	5	✓
23 October 2023	Trimester 1	6	✓
30 October 2023	Trimester 1	7	✓ Research Proposal
6 November 2023	Trimester 1	8	✓
13 November 2023	Trimester 1	9	✓
20 November 2023	Trimester 1	10	✓
27 November 2023	Trimester 1	11	✓
4 December 2023	Trimester 1	12	✓ Adv Quant Mech Report
11 December 2023	Trimester 1	13	✓ Adv Quant Mech Online Exam + Project Progress Reporting
18 December 2023	<i>Christmas Vacation</i>	14	
25 December 2023	<i>Christmas Vacation</i>	15	
1 January 2024	<i>Christmas Vacation</i>	16	
8 January 2024	<i>Welcome/Induction</i>	17	✓
15 January 2024	Trimester 2	18	✓
22 January 2024	Trimester 2	19	✓
29 January 2024	Trimester 2	20	✓
5 February 2024	Trimester 2	21	✓
12 February 2024	Trimester 2	22	✓
19 February 2024	Trimester 2	23	✓
26 February 2024	Trimester 2	24	✓
4 March 2024	Trimester 2	25	✓
11 March 2024	Trimester 2	26	✓
18 March 2024	Trimester 2	27	✓
25 March 2024	<i>Easter Vacation</i>	28	<i>(Bank Holiday Friday)</i>
1 April 2024	<i>Easter Vacation</i>	29	<i>(Bank Holiday Monday)</i>
8 April 2024	<i>Easter Vacation</i>	30	
15 April 2024	Trimester 2	31	✓ Project Journal & Final Report
22 April 2024	Trimester 2	32	✓ Thin Films & MatChar (TFMC) Lab/Report
29 April 2024	Trimester 2	33	✓ Project Oral Exam TFMC Exam
6 May 2024	Inter-Trimester Break	34	✓ <i>(Bank Holiday Monday)</i>
13 May 2024	Inter-Trimester Break	35	✓
20 May 2024	Inter-Trimester Break	36	✓
27 May 2024	<i>Welcome/Induction</i>	37	✓ <i>(Bank Holiday Monday)</i>
3 June 2024	Trimester 3	38	✓
10 June 2024	Trimester 3	39	✓
17 June 2024	Trimester 3	40	✓
24 June 2024	Trimester 3	41	✓
1 July 2024	Trimester 3	42	✓
8 July 2024	Trimester 3	43	✓ Graduation Celebrations
15 July 2024	Trimester 3	44	✓
22 July 2024	Trimester 3	45	✓
29 July 2024	Trimester 3	46	✓
5 August 2024	Trimester 3	47	✓
12 August 2024	Trimester 3	48	✓
19 August 2024	Trimester 3	49	✓
26 August 2024	Trimester 3	50	✓ <i>(Bank Holiday Monday)</i>
2 September 2024	Inter-Trimester Break	51	✓
9 September 2024	<i>Welcome/Induction 2024/25</i>		

All events are subject to change

All teaching, revision and assessment shall take place within modules during the designated trimester periods. (Academic Regulations for Taught Programmes)