

Fourth Year Physics (MPhys) 21/22

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. Project work is designed to train the student in guiding his/her own learning, with the work being carried out by the individual student under the guidance of an individual supervisor. 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

Assessment

Exercises/Report 40%, Jan Exam 60%

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

Assessment

Lab/Report 40%, May Exam 60%

Research Project Assessments

Portfolio 1

Research Methods (Written Assignment and Presentations) 30%

Portfolio 2

Project Outputs, Dissertation and Oral Assessment 70%

Key Deadlines

Progress Report. Due week T1-12 (12), Fri 17 Dec 2021

Project Journal. Due week T2-09 (27), Fri 01 Apr 2022

Final Report. Due week T2-11 (32), Fri 06 May 2022

See appropriate Project Guide for more detailed deadlines breakdown

Academic Year by Week 2021/2022

week begins (Monday) trimesters timetable wk no pool rooms bookable for teaching and revision

Note that other assessment deadlines may appear in non-exam weeks

13 September 2021	<i>International/Early Arrivals Welcome 2021/22</i>			
20 September 2021	<i>Welcome/Induction</i> 0			
27 September 2021	Trimester 1	1	1	✓
4 October 2021	Trimester 1	2	2	✓
11 October 2021	Trimester 1	3	3	✓
18 October 2021	Trimester 1	4	4	✓
25 October 2021	Trimester 1	5	5	✓
1 November 2021	Trimester 1	6	6	✓
8 November 2021	Trimester 1	7	7	✓
15 November 2021	Trimester 1	8	8	✓
22 November 2021	Trimester 1	9	9	✓
29 November 2021	Trimester 1	10	10	✓
6 December 2021	Trimester 1	11	11	✓
13 December 2021	Trimester 1	12	12	✓
20 December 2021	<i>Christmas Vacation</i> 13			
27 December 2021	<i>Christmas Vacation</i> 14			
3 January 2022	<i>Christmas Vacation</i> 15			
10 January 2022	Trimester 1	13	16	✓
17 January 2022	Trimester 1	14	17	✓
24 January 2022	<i>Inter-trimester break</i> 18			
31 January 2022	Trimester 2	1	19	✓
7 February 2022	Trimester 2	2	20	✓
14 February 2022	Trimester 2	3	21	✓
21 February 2022	Trimester 2	4	22	✓
28 February 2022	Trimester 2	5	23	✓
7 March 2022	Trimester 2	6	24	✓
14 March 2022	Trimester 2	7	25	✓
21 March 2022	Trimester 2	8	26	✓
28 March 2022	Trimester 2	9	27	✓
4 April 2022	<i>Easter Vacation</i> 28			
11 April 2022	<i>Easter Vacation</i> 29 (Bank Holiday Friday)			
18 April 2022	<i>Easter Vacation</i> 30 (Bank Holiday Monday)			
25 April 2022	Trimester 2	10	31	✓
2 May 2022	Trimester 2	11	32	✓ (Bank Holiday Monday)
9 May 2022	Trimester 2	12	33	✓
16 May 2022	Trimester 2	13	34	✓
23 May 2022	Trimester 2	14	35	✓
30 May 2022	<i>inter-trimester break</i> 36 (Bank Holiday Monday)			
6 June 2022	Trimester 3	1	37	✓
13 June 2022	Trimester 3	2	38	✓
20 June 2022	Trimester 3	3	39	✓
27 June 2022	Trimester 3	4	40	✓
4 July 2022	Trimester 3	5	41	✓
11 July 2022	Trimester 3	6	42	✓
18 July 2022	Trimester 3	7	43	✓ Graduation Celebrations
25 July 2022	Trimester 3	8	44	✓
1 August 2022	Trimester 3	9	45	✓
8 August 2022	Trimester 3	10	46	✓
15 August 2022	Trimester 3	11	47	✓
22 August 2022	Trimester 3	12	48	✓
29 August 2022	Trimester 3	13	49	✓ (Bank Holiday Monday)
5 September 2022	Trimester 3	14	50	
12 September 2022	<i>International/Early Arrivals Welcome 2022/23</i>			
19 September 2022	<i>Welcome/Induction</i>			