





Responses: 32 / 131






Px262 (2) - Module Feedback

Thank you for submitting your feedback on this module - the results will be collated and the information viewed by the module leader and the Education Committee and can help to improve the experience of students taking this module in future.





1 I watched or read through the notes of (...?...) of the online lecture material

Response	Average	Total
>80%	 90%	28
50-80%	 3%	1
<50%	 6%	2
Total responses to question	 97%	31/32




2 I attended (...?...) of the Live events for this module

Response	Average	Total
All	 32%	10
Most	 23%	7
Some	 32%	10
None	 13%	4
Total responses to question	 97%	31/32

3 The quantity of material was...

Response	Average	Total
About right	 77%	24
Too great	 13%	4
Too little	 10%	3
Total responses to question	 97%	31/32

4 By the end of the module its purpose and direction were...

Response	Average	Total
Clear	 70%	21
Hazy	 27%	8
Unclear	 3%	1

Response	Average	Total
Total responses to question	94%	30/32

5 Explanation of new terms and concepts was...

Response	Average	Total
Good	60%	18
Adequate	33%	10
Poor	7%	2
Total responses to question	94%	30/32

6 I have a (...?...) set of notes

Response	Average	Total
Good	47%	14
Adequate	40%	12
Poor	13%	4
Total responses to question	94%	30/32




7 I attempted (...?...) of examples sheet questions

Response	Average	Total
<40%	24%	7
40-50%	41%	12
>80%	34%	10
Total responses to question	91%	29/32




8 The examples sheet questions were...

Response	Average	Total
Too easy	4%	1
About Right	78%	21
Too Hard	19%	5
Total responses to question	84%	27/32




9 Promptness of feedback on submitted coursework was...

Response	Average	Total
Good	 91%	21
Adequate	 4%	1
Poor	 4%	1
Total responses to question		23/32





10 Would you like a course taking this subject further ?

Response	Average	Total
Yes	 68%	21
Neutral	 26%	8
No	 6%	2
Total responses to question		31/32

11 Did you use any of the recommended/suggested textbooks?


Response	Average	Total
Yes - purchased	 7%	2
Yes - consulted	 50%	15
No	 43%	13
Total responses to question		30/32

12 I found the textbook(s) used to be...

Response	Average	Total
Very Helpful	 17%	5
Helpful	 38%	11
Unhelpful	 3%	1
I did not use a textbook	 41%	12
Total responses to question		29/32

I understood the following main topics

13 Electronioic configurations in atoms

Response	Average	Total
First time through lectures or online notes	 66%	21

Response	Average	Total
After more work	31%	10
Poorly	3%	1
Total responses to question	100%	32/32

14 Free electron model

Response	Average	Total
First time through lectures or online notes	38%	12
After more work	59%	19
Poorly	3%	1
Total responses to question	100%	32/32

15 Electrons in crystal band structure





Response	Average	Total
First time through lectures or online notes	19%	6
After more work	66%	21
Poorly	16%	5
Total responses to question	100%	32/32

16 Spin

Response	Average	Total
First time through lectures or online notes	22%	7
After more work	66%	21
Poorly	13%	4
Total responses to question	100%	32/32

17 The standard model

Response	Average	Total
First time through lectures or online notes	72%	23
After more work	28%	9
Total responses to question	100%	32/32

Response	Average	Total
First time through lectures or online notes	 37%	11
After more work	 53%	16
Poorly	 10%	3
Total responses to question	 94%	30/32

19 The best features of this module were:

Respondent	Response
	good recaps and summaries in live sessions
	the recommended books are great.
	There were lots of interesting concepts but they were quite complicated. Ms Staunton was a good lecturer and was good at explaining some that were extremely complicated and answering questions in the live sessions
	Very interesting material!!
	Being able to attempt formal QM problems at the end.
	T
	Did well following on from term 1. Weekly recaps in live lectures were done using a different set of notes which helped explain things from a different perspective and made the topics and concepts more clear.
	I enjoyed the lectures and understood most of the explanations. The live lectures helped to reinforce my understanding of the content
	Interesting, one of my favourite modules in terms of content.
	The lectures were well delivered and the content was very interesting. One of the best physics modules i've taken so far!
	Each topic seemed to lead on well to the next one.
	-I found the assessed quizzes were very well designed in terms of difficulty and length - they helped to test my understanding and were not superficial, but also in my opinion well within the scope of what I should be able to do after a reasonable amount of revision (i.e. recap and some practice questions but not as much revision as I would hope to have done before an actual examination). -The weekly summary notes were very useful, especially on more involved topics like the p-n junction where the clear step-by-step layout was useful for understanding. -I thought that the order of topics was good.
	The standard model and QM in relativity
	I enjoyed the nuclear matter and relativistic quantum mechanics of the module.
	The online tests to get a sense of how well I understand the module.
	The content was very engaging and none of it was set out in a boring manner. Each lecture felt like a continuing story that helped it seem like they were shorter than they actually were.
Total responses to question	16/32

20 Any particular aspects/items needing improvement (and suggestions how):

Respondent	Response
	I had to learn about half the content from the recommended reading books
	possibly a bit less content or a bit more basic but i understand thats not really possible for later yrs
	There is no mathematical rigour, it's a bit frustrating. It would be nice to have a rigorous approach to operators for example, even if it ends up being non examinable.
	The written notes weren't as clear as they could be - numbering, highlighting key definitions and equations, and explaining what sort of questions you could get asked about for each topic, might help. Also the formal quantum mechanics was very interesting but in my opinion not explained enough for it to make perfect sense.
	I did not understand some of the terms/definitions used in the module. Maybe it is because I am a maths student and this is the only physics module I am taking, so some of the content in this module which uses content from other physics modules was a bit difficult to understand as I had not seen it.
	Parts of lectures on crystal lattices were very confusing. Still not sure what a reciprocal lattice is. Moodle quizzes did not answer why a particular question was right or wrong.
	Reciprocal lattice material was very confusing at first.
	Clarity when first meeting new topics
	-Perhaps one or two practice quizzes before the main quizzes to get a feel for their nature. -It might be useful to have the written notes from the pre-recorded lecture videos from this year available in case of any variations from the 2019/2020 lectures.
	Sometimes the reason we did things felt unclear
	Some explanations of abstract concepts.
	When switching over to the more formal side of QM with Dirac notation and matrices, I felt like it wasn't explained very well and it was a large jump that required me to do a lot of extra work to see where things came from.
Total responses to question	12/32

21 Any other comments:

Respondent	Response
	The material for term 2 was better organised I think. We just had to watch the videos and research a bit if we didn't understand something. Term 1 was a mixture of reading the moodle page, videos, further reading and independent learning... However, it was also good as a whole!
	It is an interesting module.
	Overall, I have thoroughly enjoyed this course and look forward to taking it further in future years!
Total responses to question	3/32