

**UNIVERSITY OF SUSSEX**  
**DEPARTMENT OF PHYSICS AND ASTRONOMY**

**MSC IN NANOMATERIALS AND ENERGY**  
**MODULE CHOICES 2022-23**

- **Email this form to [mps\\_pgtooffice@sussex.ac.uk](mailto:mps_pgtooffice@sussex.ac.uk) by Friday 23rd September 2022 at 12 noon.**
- **If at any point you wish to change a module you must complete a new version of this form.**
- **Please note that the Department reserves the right to withdraw any of these modules.**

**Student's first name** ..... **Year of Entry** .....

**Student's last name** .....

Code	Module Title	Credit/ Level	Tick here
<b>Semester One</b>			
<b>Compulsory core modules</b>			
F1047	Computational Chemistry	15 (6)	✓
<b>Optional Modules – Semester One</b>			
<b>You must select TWO of these recommended options:</b>			
<b>Group One</b>			
860C1	Advanced Spectroscopy	15 (7)	
F3230	Condensed State Physics	15 (6)	
<b>Group two</b>			
897F3	Atom Light Interactions	15 (7)	
895F3	Quantum Optics and Quantum Information	15 (7)	
<b>Semester Two</b>			
<b>Compulsory core modules</b>			
907F3	Introduction to Nano-Materials and Nano Characterisation	15 (7)	✓
<b>Optional Modules – Semester Two</b>			
<b>You must select TWO of these recommended options:</b>			
<b>Group Three – Cannot be taken by students who have taken Group One options in Semester One.</b>			
858C1	Advanced Nanoscience and Molecular Structure	15 (7)	
F1191	Surface Analysis Techniques	15 (6)	
<b>Group Four</b>			
888F3	Electrons, Cold Atoms & Quantum Circuits	15 (7)	
893F3	Practical Quantum Technologies	15 (7)	
F3231	Advanced Condensed State Physics – <i>Cannot be taken by students whom have taken Group 1 options in Semester One.</i>	15 (7)	
<b>All Year</b>			
910F3	Project (MSc Nanomaterial and Energy PHY)	90 (7)	
<b>Or</b>			
879C1	Project (MSc Nanomaterials and Energy CHEM)	90 (7)	
<p><b>Note:</b> A recommended module can be exchanged for a different module if the supervisor considers it appropriate. If the substitute module is given by a different department, then the course convenor must sign off on the module (in addition to the supervisor).</p> <p>Six modules should be taken over two semesters, either four in Sem 1 and two in Sem 2 or three in each semester. <b>No more than 30 credits to be taken at level 6.</b> Credits must total 180.</p> <p><b>You will not be allowed to change modules after week 2 of the semester that the module is given.</b></p> <p><b>Supervisor/Convenor's Signature</b> .....</p>			

<p><b>Declaration</b></p> <ul style="list-style-type: none"> <li>• I understand the terms 'Collusion', 'Plagiarism' and 'Fabrication of Results' as defined in the <i>Examination &amp; Assessment Handbook</i> at <a href="http://www.sussex.ac.uk/adge/standards/examsandassessment">http://www.sussex.ac.uk/adge/standards/examsandassessment</a></li> <li>• I declare that all work submitted for assessment will be solely my work and that reference to the work of others will be properly acknowledged by me.</li> </ul> <p><b>Student's Signature</b> .....</p>
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I agree that this student can take the following module(s) that are not on the 'recommended' list above.

**Supervisor's Signature** .....

<b>For office use only: Entered by:</b>	<b>Date:</b>
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