

**MSC IN PHYSICS WITH EDUCATION 2023-24**

- **Email this form to [mps\\_pgtooffice@sussex.ac.uk](mailto:mps_pgtooffice@sussex.ac.uk) by Friday 29<sup>th</sup> September 2023 by 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 .....

	Module Code	Module Name	Credits	Level	Tick here
<b>SEMESTER ONE</b>					
Core	PE300	Communicating Physics Education [Education]	15	7	✓
<b>OPTIONAL MODULES:</b> Select <b>THREE</b> from <b>ONE</b> of the following groups:					
<b>GROUP ONE</b>					
Option	877F3	Quantum Field Theory 1	15	7	
Option	878F3	Symmetry in Particle Physics	15	7	
Option	881F3	General Relativity	15	7	
Option	885F3	Further Quantum Mechanics	15	7	
Option	889F3	Galactic Astrophysics	15	7	
Option	890F3	Data Analysis Techniques	15	7	
Option	895F3	Quantum Optics and Quantum Information	15	7	
Option	897F3	Atom Light Interactions	15	7	
Option	900F3	Cosmology	15	7	
<b>GROUP TWO</b>					
Option	877F3	Quantum Field Theory 1	15	7	
Option	885F3	Further Quantum Mechanics	15	7	
Option	890F3	Data Analysis Techniques	15	7	
Option	895F3	Quantum Optics and Quantum Information	15	7	
Option	897F3	Atom Light Interactions	15	7	
Option	898F3	Programming in C++	15	7	
<b>SEMESTER TWO</b>					
Core	PE301	Researching Physics Education [Education]	15	7	✓
<b>OPTIONAL MODULES:</b> Select <b>THREE</b> from the following:					
Option	879F3	Advanced Cosmology	15	7	
Option	880F3	Particle Physics Detector Technology	15	7	
Option	882F3	Quantum Field Theory 2 <b>PRE REQUISITE 877F3 &amp; 885F3</b>	15	7	
Option	888F3	Electrons, Cold Atoms & Quantum Circuits <b>PRE REQUISITE 897F3</b>	15	7	
Option	893F3	Practical Quantum Technologies	15	7	
Option	894F3	Frontiers in Particle Physics	15	7	
Option	901F3	Beyond the Standard Model <b>PRE REQUISITE 877F3</b>	15	7	
Option	902F3	Astrophysical Processes	15	7	
Option	907F3	Introduction to Nano-materials and Nano-characterisation	15	7	
<b>YEAR</b>					
Core	PE302	Physics Education Research Project [Education]	60	7	✓
<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).  Eight modules should be taken over two semesters, four in each Semester. No more than 30 credits to be taken at level 6.  <b>You will not be allowed to change modules after week 2 of the semester that the module is given.</b>					
<b>Supervisor/Convenor's Signature</b> .....					

**SEE PAGE TWO**

<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/adqe/standards/examsandassessment">http://www.sussex.ac.uk/adqe/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 .....

*For office use only:*

<b>Entered by:</b>	<b>Date:</b>
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