UNIVERSITY OF SUSSEX
DEPARTMENT OF PHYSICS AND ASTRONOMY

MSc IN COSMOLOGY
MODULE CHOICES 2023-24

- *You must discuss your module choices with your supervisor before submitting to the School Office.*
- *Email this form mps_pgtoffice@sussex.ac.uk by Friday 29th September 2023 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
Semester One			
Compulsory core modules:			
900F3	Cosmology	15 (7)	√
881F3	General Relativity	15 (7)	√
877F3	Quantum Field Theory 1	15 (7)	√
Semester Two			
Compulsory core module:			
879F3	Advanced Cosmology	15 (7)	√
You must take TWO of these recommended options, at least one of which in the Spring Term:			
889F3	Galactic Astrophysics (Semester One)	15 (7)	
890F3	Data Analysis Techniques (Semester One)	15 (7)	
885F3	Further Quantum Mechanics (Semester One) ***STRONGLY RECOMMENDED if you do not have a strong enough background in this area***	15 (7)	
823G5	Programming through Python (Semester One)	15 (7)	
894F3	Frontiers in Particle Physics (Semester Two)	15 (7)	
902F3	Astrophysical Processes (Semester Two)	15 (6)	
F3244	Stellar and Planetary Physics (Semester Two)	15 (6)	
882F3	Quantum Field Theory 2 (Semester Two) PRE REQUISITES: 877F3, 885F3	15 (7)	
865G1	Monte Carlo Simulations (Semester Two)	15 (7)	
All Year			
919F3	MSc Project Research Skills	30 (7)	√
887F3	MSc Project P&A	60 (7)	√

Note:
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).

Six modules should be taken over two terms, either four in Semester 1 and two in Semester 2, or three in each of the semesters.
No more than 30 credits to be taken at level 6. Credits must total 180.

You will not be allowed to change modules after week 2 of the semester that the module is taught.

Supervisor/Convenor's Signature …………………………………………………………

Declaration

- I understand the terms 'Collusion', 'Plagiarism' and 'Fabrication of Results' as defined in the *Examination & Assessment Handbook* at http://www.sussex.ac.uk/adqe/standards/examsandassessment
- 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.

Student's Signature ……………………………………..……………………………………………………

Supervisors
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: Entered by:	*Date:*