MSci PHYSICS (F303)

[Last intake of students October 2004]

MPhys PHYSICS (F301)

[For students entering Level 1 from October 2005]

Programme offered at: Durham.

Mode of study: this programme is available full-time.

LEVEL 1	1 (Ce	rtificate)

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1-2	Foundations of Physics 1		PHYS1122	40
3	Discovery Skills in Physics		PHYS1101	20
4-5	EITHER	Single Mathematics A #	MATH1561	20
		AND Single Mathematics B #	MATH1571	20
	OR	Core Mathematics A #	MATH1012	40
6	One 20 credit	open Level 1 module chosen from those offered by any		

Board of Studies

These modules must be passed at 40% or above in order to progress to the BSc Ordinary degree in Physics or Physics and Astronomy at the next Level.

LEVEL 2 (Diploma)

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1	Foundations of Physics 2	PHYS2511	20
2	Mathematical Methods in Physics	PHYS2521	20
3	Thermal and Condensed Matter Physics	PHYS2531	20
4	Stars and Galaxies	PHYS2541	20
5	Laboratory Skills and Practice	PHYS2551	20
6	Electronics and Physics Laboratory	PHYS2561	20

Notes:

Students who have successfully completed Levels 1 and 2 of the MSci/MPhys in Physics in accordance with the Core Regulations may, with the permission of the Chairman or Chairwoman of the Board of Studies in Physics, change their registration to the MSci/MPhys in Theoretical Physics or Physics and Astronomy;

Students who fail to achieve the standard required under the Core Regulations for progression to Level 3 of the MSci/MPhys in Physics but who achieve the standard required for progression to Level 3 of a Bachelors programme may progress to Level 3 of the BSc in Physics or Physics and Astronomy in the Honours or Ordinary stream in accordance with the Core Regulations;

A student who is qualified to progress from Level 2 to Level 3 of the MSci/MPhys in Physics but wishes to transfer to Level 3 of the BSc in Physics or Physics and Astronomy shall be permitted to do so.

LEVEL	3 (Degree)			
1-2	Foundations of P	Physics 3	PHYS3522	40
3	Key Skills A		PHYS3561	20
4	Laboratory Proje	ect	PHYS3601	20
5-6	EITHER	Modules to the value of 40 credits chosen from List		
		A		
	OR	One 20 credit module chosen from List A		
		AND one 20 credit module chosen from those		
		offered by another Board of Studies, subject to		
		approval by the Chairman of the Board of Studies in		
		Physics		

Notes:

Students whose achievement at the end of Level 3 does not qualify them to proceed to Level 4 may be awarded the degree of Bachelor of Physics (BPhys) at either Honours or Ordinary level in accordance with the Core Regulations for the award of a Bachelors degree.

LEVEL	4 (Degree)		
1-3	Project	PHYS4213 6	50
4-6	EITHER	Modules to the value of 60 credits chosen from List B	
	OR	Modules to the value of 40 credits chosen from List B AND one 20 credit module chosen from those	

offered by another Board of Studies, subject to approval by the Chairman of the Board of Studies in Physics

Notes:

Students whose achievement at the end of Level 4 does not qualify them to be awarded the degree of MSci/MPhys in Physics may be awarded the degree of Bachelor of Physics (BPhys) with Honours in accordance with the Core Regulations for the award of a Bachelors degree. This programme is accredited by the Institute of Physics until February 2009.

MODULE LISTS: PHYSICS

LIST A Condensed Matter Physics PHYS3531 20 20 Astrophysics **PHYS3541** Theoretical Physics PHYS3551 20 LIST B Advanced Condensed Matter Physics PHYS4151 20 Advanced Astrophysics PHYS4161 20 Advanced Theoretical Physics PHYS4141 20 Particle Theory PHYS4181 20 Theoretical Astronomy PHYS4201 20 Atomic and Optical Physics PHYS4121 20 Condensed Matter Physics 4 PHYS4111 20 Astrophysics 4 PHYS4131 20 **Theoretical Physics 4** PHYS4191 20