

Mathematics and Physics Programme Overview																					
Part A		Part B		Part C		Part D															
Core Modules																					
Foundation of Physics (Core Physics I)	Classical Physics of Particles, Fields and Devices (Core Physics II)	Quantum & Condensed Matter Physics (Core Physics III)	Condensed Matter, Materials & Statistical Physics (Core Physics IV)	Advanced Topics (Core Physics V)	Group Project	Individual Project (BSc) or Research Methods (MPhys)	MPhys Research Project														
										Physics Laboratory I	Physics Laboratory II	Optional Physics or Mathematics Module	Optional Physics or Mathematics Module								
														Computational Physics I	Computational Physics II	Optional Physics or Mathematics Module	Optional Physics or Mathematics Module				
																		Mathematics for Physics I	Mathematics for Physics II	Optional Mathematics Module	Optional Mathematics Module
Optional Modules																					
Introduction to Dynamical Systems		Random Processes & Time Series Analysis		Quantum Information		Quantum Computing															
Number Theory		Advanced Differential Equations		Mathematical Methods for Interdisciplinary Science		Physics of Complex Systems															
Graph Theory		Game Theory		Regular and Chaotic Dynamics		Superconductivity and Nano-Science															
Abstract Algebra		Mathematics Report		Mathematical Modelling I		Mathematical Modelling II															
Introduction to Differential Geometry				Lie Groups and Lie Algebras		Elements of Partial Differential Equations															
				Introduction to Measure Theory and Martingales																	