

Session	Date	Day	Laptop required?	Modular Assessment	Title	Lecturer
Session 1.1	7 th January	Wednesday	Yes		The Random Behaviour of Assets	Paul Wilmott
Session 1.2	13 th January	Tuesday			Calculus Refresher, Taylor Series and Transition Density Functions	Paul Wilmott
Session 1.3	15 th January	Thursday			Stochastic Calculus and Itô's Lemma	Riaz Ahmad
Session 1.4	20 th January	Tuesday			Simulating and Manipulating Stochastic Differential Equations	Riaz Ahmad
Session 1.5	22 nd January	Thursday	Yes		VB Workshop	Mike Staunton
Session 1.6	28 th January	Wednesday		Module 1 exam distributed	Methods for Quant Finance: I	Riaz Ahmad
Session 2.1	3 rd February	Tuesday	Yes		Portfolio Management	Sebastien Lleo/Mike Staunton
	6 th February	Friday		Exam deadline		
Session 2.2	9 th February	Monday			Products and Strategies	Neil Graham
Session 2.3	11 th February	Wednesday	Yes		Value at Risk and Volatility	Andy Duncan
Session 2.4	17 th February	Tuesday			Martingale Theory – Fundamentals	Seb Lleo
Session 2.5	19 th February	Thursday	Yes		Binomial Model	Paul Wilmott
Session 2.6	23 rd February	Monday			Fundamentals of Optimization and Application to Portfolio Selection	Sebastien Lleo
Session 2.7	25 th February	Wednesday		Module 2 exam distributed	Methods for Quant Finance: II	Riaz Ahmad
Session 3.1	4 th March	Wednesday			Black-Scholes Model	Paul Wilmott
	6 th March	Friday		Exam deadline		
Session 3.2	11 th March	Wednesday			Advanced Greeks	Espen Haug
Session 3.3	12 th March	Thursday			Martingale Theory – Application to Option Pricing	Seb Lleo
Session 3.4	16 th March	Monday	Yes		Understanding Volatility	Paul Wilmott
Session 3.5	18 th March	Wednesday	Yes		Monte Carlo and Finite Differences	Paul Wilmott
Session 3.6	25 th March	Wednesday		Module 3 exam distributed	Martingales and PDEs: Which, when and why	Seb Lleo
Session 4.1	1 st April	Wednesday	Yes		Fixed Income Products and Analysis	Paul Wilmott
Session 4.2	6 th April	Monday			Stochastic Interest Rate Modelling	Paul Wilmott
Session 4.3	8 th April	Wednesday		Exam deadline	Calibration and data Analysis	Paul Wilmott
Session 4.4	14 th April	Tuesday			Convertible Bonds	Elie Ayache
Session 4.5	16 th April	Thursday			Probabilistic methods for interest rates	Seb Lleo
Session 4.6	20 th April	Monday		Module 4 exam distributed	Heath Jarrow and Morton Model	Paul Wilmott
Session 5.1	29 th April	Wednesday	Yes	Exam deadline	Structural Models	Alonso Pena
Session 5.2	5 th May	Tuesday		Module 6 project distributed (N.B. deadline 20 th July 2009)		
Session 5.3	7 th May	Thursday			Intensity Models	SiYi Zhou
Session 5.4	11 th May	Monday	Yes		Introduction to Credit Derivatives	Moorad Choudhry
Session 5.5	13 th May	Wednesday	Yes		Credit Default Swaps	Alonso Pena
Session 5.6	20 th May	Wednesday		Module 5 exam distributed	Collateralized Debt Obligations	SiYi Zhou
Session 6.1	27 th May	Wednesday		Exam deadline	Advanced Credit Derivatives	Seb Lleo
Session 6.2	1 st June	Monday			Exotic Options	Paul Wilmott
Session 6.3	3 rd June	Wednesday			Jump Diffusion and Stochastic Volatility	Paul Wilmott
Session 6.4	8 th June	Monday			Advanced Volatility Modeling	Paul Wilmott
Session 6.5	10 th June	Wednesday			Further Monte Carlo	Peter Jaeckel
Session 6.6	15 th June	Monday			Further Finite Difference Methods	SiYi Zhou
Session 6.7	17 th June	Wednesday			Bruce, Gatarek and Musiela Model	Timothy Mills
Session 6.8	23 rd June	Tuesday			Martingales and PDEs: More “Which, when and why”	Seb Lleo
Session 6.9	25 th June	Thursday	Yes		Discrete Hedging and Transaction Costs	Paul Wilmott
					Correlation Sensitivity and State Dependence	Paul W & SiYi Zhou

