Where a course title may not be clear, we've provided a few sample topics to the right.

		High	Medium	Low	Sample topics
	Mathematical tools				
M1	Stochastic calculus	55	35	10	Brownian motion, Ito calculus, Girsanov's theorem
M2	PDEs applied to finance	42	46	12	
M3	Numerical methods	74	26	0	
M4	Basic fixed income math	64	28	8	Discount factors, bootstrapping a discount curve, duration
	Statistical tools				
S1	Data analysis / Statistical inference	68	29	3	
S2	Time series analysis	59	37	4	
S3	Regression analysis	68	29	3	
	Economic / financial tools				
E1	Microeconomics	32	39	29	
E2	Macroeconomics	32	39	29	
E3	Econometrics	41	45	14	
E4	Corporate finance	33	26	41	
E5	Game theory / Auction theory	32	39	29	
E6	Real options	45	22	33	
	Computational tools				
C1	Object-oriented programming applied to finance	64	32	4	
C2	Monte Carlo simulation	71	25	4	
C3	Optimization	71	29	0	
C4	Finite difference solutions for PDEs / Dynamic programming	33	56	11	
	Derivative securities models				
D1	Basic overview of derivatives models	72	28	0	Risk-neutral pricing, Black-Scholes formula, Greeks
D2	Advanced overview of derivatives models	50	46	4	Local volatility models, stochastic volatility models, jump diffusion models
D3	Interest rate option models	61	25	14	Heath-Jarrow-Morton, LIBOR market model
D4	Credit models	57	22	21	
D5	Mortgage-backed & asset-backed models	43	21	36	
D6	Energy models & weather derivatives	25	29	46	
D7	FX models	43	32	25	
D8	Equity models	62	27	11	
D9	Convertible bond & hybrid models	43	39	18	
	Investments & trading				
T1	Basic capital markets & portfolio theory	50	32	18	Efficient frontier, CAPM, arbitrage pricing model
T2	Advanced capital markets and portfolio theory	36	50	14	Black-Litterman, dynamic asset models
T3	Statistical arbitrage	57	32	11	
T4	Market microstructure / algorithmic trading /optimal execution	56	26	18	
T5	Behavioral finance	25	43	32	
	Institutional background				
I1	Risk management	64	32	4	
I2	Structuring / Financial engineering	54	43	3	
I3	Tax & accounting aspects of derivatives	14	22	64	