## **Graduate Certificate In Applied Portfolio Management (G-CAPM)**

Programme – Subject to Change 18 May – 24 May 2015 (Singapore)

Programme Director: Professor Joseph Cherian Venue: NUS Business School,

Mochtar Riady Building, Level 3, CAMRI Lab 3-6, 15 Kent Ridge Drive,

Singapore 119245

Mon, 18 May 2015	Tue, 19 May 2015	Wed, 20 May 2015	Thur, 21 May 2015
Quantitative Techniques I Professor Richard Yeh	Quantitative Techniques II Professor Richard Yeh	Quantitative Techniques III Professor Richard Yeh	Fundamental Investing in Asia II Professor Robert Lewis
<b>8:30am – 9:00am</b> Overview & Introduction By Prof Joseph Cherian	9:00am – 10:15am Session 1	9:00am – 10:15am Session 1	9:00am – 10:15am Session 1
9:00am – 10:15am Session 1 Matrix Algebra Review	Impact on Asset Allocation & Bayes-Stein Shrinkage Estimation	Non-Synchronous and Missing Data	Modelling for Earnings and Cash Flows
-	10:15am -		
	Bre	eak	
10:45am – 12:00pm Session 2 Estimating Expected Returns & the Variance-Covariance Matrix	10:45am – 12:00pm Session 2 Monte Carlo	10:45am – 12:00pm Session 2 Insufficient Data and Bootstrapping	10:45am – 12:00pm Session 2 Valuation Theory and Practice
	12:00pm	– 1:00pm	
	Lur	nch	
1:00pm – 3:15pm Session 3 Building an Efficient Frontier	1:00pm – 3:15pm  Session 3  Resampling & Estimating Beta and Risk  Premia	1:00pm – 3:15pm Session 3 Fundamental Investing in Asia I Professor Robert Lewis What is Value? & Research: Historical Financial Statements	1:00pm – 3:15pm Session 3 Investment Thesis and Monitoring I
	3:15pm -	- 3:45pm	
	Bre	eak	
3:45pm – 5:00pm Session 4 Beta-Security Market Line Test	3:45pm – 5:00pm Session 4 Black Litterman	3:45pm – 5:00pm Session 4 Fundamental Investing in Asia I Professor Robert Lewis	3:45pm – 5:00pm Session 4 Investment Thesis and Monitoring II

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Fri, 22 May 2015	Sat, 23 May 2015	Sun, 24 May 2015		
Fixed Income and Currencies ("FIC")	Securities Valuation, Risk & Portfolio Management I	Securities Valuation, Risk & Portfolio Management II		
Professor Ganesh Ramchandran	Professor Joseph Cherian	Professor Joseph Cherian		
9:00am – 10:15am	9:00am – 10:15am	9:00am – 10:15am		
Session 1	Session 1	Session 1		
FIC Products/Instruments	Blending Quantitative & Fundamental Investing	Relative Valuation		
	10:15am – 10:45am			
	Break			
10:45am – 12:00pm	10:45am – 12:00pm	10:45am – 12:00pm		
Session 2	Session 2	Session 2		
Pricing & Valuation	Behavioural and Model-Based Approaches in Valuation	Multifactor Models		
	12:00pm – 1:00pm			
	Lunch			
		1:00pm – 3:15pm		
1:00pm – 3:15pm	1:00pm – 3:15pm	Session 3		
Session 3	Session 3	Current Issues in the Global Economy Affecting Portfolio		
Asset-Liability & Risk Management	Liquidity, Portfolio & Risk Management	Management I		
		Professor Kim Sun Bae		
3:15pm – 3:45pm				
Break				
		3:45pm – 5:00pm		
3:45pm – 5:00pm	3:45pm – 5:00pm	Session 4		
Session 4	Session 4	Current Issues in the Global Economy Affecting Portfolio		
FIC and Derivatives Case Studies	Value Enhancement Strategies	Management II		
		Professor Kim Sun Bae		

Programme Fee (inclusive of GST): US\$7,000 per participant for the 7-day certificate programme. While not encouraged, modules can also be taken on an individual basis. However, a certificate will only be issued upon completion of the 7-day g-CAPM programme.

- 1. Quantitative Techniques by Professor Richard Yeh US\$2,750 (2.5 days)
- 2. Fundamental Investing in Asia by Professor Robert Lewis and Fixed Income and Currencies ("FIC") by Professor Ganesh Ramchandran US\$2,750 (2.5 days)
- 3. <u>Securities Valuation, Risk & Portfolio Management</u> by Professor Joseph Cherian and <u>Current Issues in the Global Economy affecting Portfolio Management</u> by Professor Kim Sun Bae US\$2,200 (2 days)

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