

Pre-Term Courses Master of Science in Finance Program (MSF) 2018

No.	Subject	Lecturer	Course Description	Text	Tentative Period
1	Financial Accounting	Asst. Prof. Suchitra Tunlayadechanont, Ph.D.	Introduction to financial statements; accounting concepts; accounting cycle; accounting adjustments; accounting for merchandising and manufacturing operations; introduction of financial statement analysis	Financial Accounting IFRS, 3rd Edition by Watgendt	Class date : Sunday Time : 9.00-12.00 Room : 1307, 13th floor Mahit Building
2	Business Finance	Suparatana Tanthanongsakkun, Ph.D.	Goal of Financial Management, Time Value of Money, Risk and Return, Basic of Bond and Equity Valuation, Capital Budgeting, Cash Flow Estimation	Corporate Finance AGE by Rose 01th /2015	Class date : Sunday Time : 13.00-16.00 Room : 1307, 13th floor Mahit Building
3	Quantitative Method in Finance	Asst. Prof. Sira Suchintabandit, Ph.D. and Asst. Prof. Thaisiri Watewai, Ph.D.	Discrete and continuous random variables; unconditional and conditional probabilities and expectations; sampling distributions; estimation; hypothesis testing	Introduction to Probability and Statistics for Engineers and Scientists, 5th	Class date : Tuesday Time : 18.00-21.00 Room : 1307, 13th floor Mahit Building
4	Financial Mathematics	Assoc. Prof. Vimut Vanitcharearnthum, Ph.D.	Relation and Function, Types of Function, Equations and Roots, Vector, Linear Dependent, Vector Space; Matrix and Matrix Operation, Determinant; Inverse Matrix, Cramer's Rule; Limit, Rules of Differentiation; Inverse function, L'Hopital's Rule, Taylor Series; Partial Differentiation, Differentials, Total Derivatives; Implicit Functions, Optimization, One Choice Variable, Global vs. Local Max & Min, Concavity & Convexity; The Case of Two or More choice Variable, Quadratic Forms, Hessian Matrix; Optimazation with Equality Constraints, Bordered Hessian Matrix	Fundamental Methods of Mathematical Economics 4th	Class date : Saturday Time : 9.00-12.00 Room : 1307, 13th floor Mahit Building
5	Economics	Asst.Prof. Pornpitchaya Kuwalairat, Ph.D.	Foundation of macroeconomics: overview of the economy, financial market, behavior of interest rates, business cycle, the expenditure multipliers, the aggregate demand and aggregate supply, money supply, inflation, interest rate, fiscal and monetary policy	Economics, Global Edition, 12/E by Parkin	Class date : Saturday Time : 13.00-16.00 Room : 1307, 13th floor Mahit Building
6	Advance Mathematics (for MFE)	Asst. Prof. Thaisiri Watewai, Ph.D.	Logic, forward-backward proofs, construction method, choose method, nested quantifiers, contradiction and contrapositive methods, uniqueness proofs, and induction proofs.	eBook : How to Read and Do Proffs: An Introduction to Mathmatical 6th	Class date : TBA Time : TBA Room : 1307, 13th floor Mahit Building