

Master of Science in Finance Program (MSF)

Course Description Pre-Term Courses 2022

4 June - 31 July 2022

Pre-Term class teach online with Blackboard Collaborate and Zoom

No.	Course	Instructor	Course Description	Period
1	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	Saturday - Time 13.00 - 16.00 hrs. On 18, 25, June 2, 9, 16, 23,30 July Exam (To be scheduled by Insturtor)
2	Business Finance	Asst.Prof. 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 Estimation13th Edition, McGraw Hill.	Class schedule TBA Exam (To be scheduled by Insturtor)
3	Quantitative Method in Finance	Assoc. Prof. Sira Suchintabandit, Ph.D.	Discrete and continuous random variables; unconditional and conditional probabilities and expectations; sampling distributions; estimation; hypothesis testing	Sunday - Time 13.00 - 16.00 hrs. On 5, 12, 19, 26 June
		Assoc. Prof. Thaisiri Watwai, Ph.D.		Tuesday - 18.00 - 21.00 hrs. On 28 June and 5, 12 July Exam (To be scheduled by Insturtor)
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	Sunday - Time 9.00 - 12.00 hrs. On 5, 12, 19, 26 June 3, 10, 17 July Exam (To be scheduled by Insturtor)
5	Financial Accounting	Asst. Prof. Pongprot Chatraphorn, Ph.D.	Tentative Course Description Introduction to financial statements; accounting concepts; accounting cycle; accounting adjustments; accounting for merchandising and manufacturing operations; introduction of financial statement analysis	Monday - Time 18.00 - 21.00 hrs. 6 20, 27, June 4, 11, 18, 25 July Exam (To be scheduled by Insturtor)

Note: Please check and reconfirm class schedule with instuctor