

COURSE DESCRIPTIONS OF DEPARTMENTAL SPECIALIZATION COURSES (MBA)

FINANCE (FIN)

FIN 6001: Corporate Finance

Pre-requisite: MBA 5311

This course analyzes the major financial decisions facing corporate managers. The major topics include investment valuation (capital budgeting), capital structure, dividend policy, and mergers and acquisitions. In addition, there will be an emphasis on both developing the tools and mindset of the financial practitioner and examining specific applications in the form of examples and several case discussions.

FIN 6002: Financial Markets and Institutions

Pre-requisite: MBA 5311

The course of Financial Markets and Institutions is simply about the flow of funds, if not over-simplified. There are always people who have surplus funds and would like to have their money generating more money but need profitable business opportunities. On the other hand, some people have good business opportunities but need more funds. Financial markets and financial institutions play critical roles in channeling funds from one party to another. Specifically, the course will examine the bond market, the stock market, commercial banking, non-bank financial institutions, central banking, and monetary policies. This course studies the following issues: the organization and structure of financial markets and financial institutions, the nature and effects of monetary policies, theories of money and banking, and discussion of money and banking in the international context. The understanding of money, banking, and financial markets achieved in this course may help the students enormously in their study of advanced courses, e.g., Commercial Banking, Investment, Financial Engineering, etc.

FIN 6003: Capital Budgeting

Pre-requisite: MBA 5311

This course examines the firm's investment decisions in projects within the context of value creation. It covers investment decision-making under certainty and risk. Certainty equivalent, sequential decision-making, and sensitivity models are discussed. Problems and cases are assigned for analysis and class presentation.

FIN 6004: Portfolio Management and Investment Analysis

Pre-requisite: MBA 5311

The course studies financial markets, principally equity markets, from an investment decision-making perspective. The course develops a set of conceptual frameworks and analytical tools and then applies these to particular investments and investment strategies chosen from various companies, securities, and institutional contexts. The focus is on adding value across the spectrum of decisions ranging from position-taking in particular securities to portfolio risk management and professional investment managers' delegation to oversight. The course also explores the competitive dynamics among investment organizations, products, and markets.

FIN 6005: Financial Engineering

Pre-requisite: MBA 5311

This course provides a basic understanding of derivatives, determines margin calls, and develops a marking-to-market table. Students should be able to determine the fair value of equity options and stock. They should be able to implement hedging techniques using futures, forwards, options, and swaps. Students should also be able to use the advanced analytical tool and their interpretation. This course equips students with the essential techniques applied in pricing derivatives and hedging risk exposures, e.g., the Black-Scholes model and Value at Risk (VaR), respectively.

FIN 6006: International Financial Management

Pre-requisite: MBA 5311

This course focuses on the theoretical and practical knowledge required for managing multinational corporations' financial and investment functions. Students will discover how the international capital markets, foreign exchange markets, and derivatives markets can be used to manage the transaction and operating risks facing multinational firms. Through hands-on case studies and empirical evidence, students will learn how to manage multinational companies' investment and financing activities. The relevance of country risk and international corporate governance in cross-border investments will also

be examined. The general emphasis is on identifying and managing opportunities and threats relating to international investments, exchange rate fluctuations, international financial markets, and government policy changes.

FIN 6007: Bank Management

Pre-requisite: MBA 5311

This course provides the platform for understanding banking procedures and practices. Banks' various operations will be discussed, emphasizing lending procedures, loan criteria, terms and conditions, fund utilization, fund management, risks, and associated returns. The course also discusses the various agreements like BASEL III and rating systems.

FIN 6008: Case Studies in Finance

Pre-requisite: MBA 5311

In this course, by employing a case study approach focusing on complex problems, students gain a deeper understanding of corporate forecasting, capital budgeting, cost of capital analysis, and the financing of capital investments. The impact of financial decisions on strategic investment completes the course. The course combines a theoretical approach to understanding finance with examples of how this theoretical knowledge is applied in practical situations. Students learn the analytical techniques necessary to make rational financial decisions Through critical concepts such as cost of capital, term structure of interest rates, capital budgeting, optimal capital structure, and maximization of shareholder value.