Course Description (Master of Applied Finance and investment)

Applied Foundation of Finance – FINE ٦٠٠ (*Compulsory*)

This course serves as a foundation, enabling students to deepen their knowledge and understanding of key finance concepts. It introduces various aspects of finance, preparing students for more advanced courses. The topics are divided into three parts: Introduction, Financial Analysis and Planning, and the Capital Budgeting Process. The first part explores the connections between economics, accounting, and finance, the relationship between risk and return, forms of organization, financial management goals, and financial markets. The second part covers ratio analysis and discusses operating and financial leverage. The third part focuses on time value of money calculations, bond and stock valuation using present value techniques, including the dividend valuation model and bond price sensitivity to discount rates and inflation. The course concludes with capital budgeting decisions, integrating previously learned concepts.

Managerial Finance & Accounting – FINE ٦٠٧ (*Compulsory*)

This course presents an overview of both managerial finance and accounting. It emphasizes the analysis and evaluation of accounting information from the perspective of both investors as well as managers in the processes of planning, decision-making, and control. Via structured learning activities, students will develop an overview of financial accounting and external reporting, including accounting concepts and principles, as well as the structure of the income statement, balance sheet, and statement of cash flows. Students will learn how to organize, create, interpret, and communicate important financial information effectively.

Applied Investment - FINE 605 (*Compulsory*)

This course introduces the fundamental concepts of financial investments and the tools necessary for making informed investment decisions and analyzing investment outcomes. It emphasizes both the practical application and analytical evaluation of investment theories. It also provides the foundational knowledge of financial markets, various investment vehicles, the operation of security markets, modern portfolio theory, and the sources of risk and expected returns within a portfolio.

Applied Corporate Finance – FINE ٦١٠ (*Compulsory*)

This course builds on the concepts introduced in FINE 600. It provides an understanding of both the theory of corporate finance and how it applies to the "real" world. The main focus of this course is on the corporate financial manager and how he/she reaches decisions as to capital investments, dividends and financing of all sorts. In addition, the course focuses on risk and return, short-term financial management, options and corporate finance, mergers and acquisitions and leasing.

Portfolio Construction – FINE ٦١٥ (*Compulsory*)

The course will equip students with a thorough understanding of the theories, concepts, tools, and techniques essential for investment, portfolio management, and portfolio construction. Emphasizing effective money management strategies, the curriculum focuses on maximizing returns through optimal asset allocation and investment selection in a global market. Participants will delve into the intricacies of the stock and bond markets, explore various approaches to capital market investing, and learn to construct portfolios that align with specific risk and return profiles. Additionally, the course will address contemporary financial challenges, ensuring that students can apply their knowledge to real-world situations in the ever-evolving financial landscape.

Financial Markets, Institutions and Risk Management – FINE ٦١٤ (*Compulsory*)

This course analyzes financial institutions, focusing on interest rate theories and their determinants, and their impact on financial decision-making. It covers the operations of commercial banks, investment banks, and insurance companies, along with their financial performance and regulatory environment. The course also examines financial risks and introduces key risk measurement models used in managing risk within financial institutions.

Applied International Finance – FINE ٦١٣ (*Compulsory*)

This course provides an analytical and comprehensive introduction to international finance, aimed at developing students' ability to analyze and make financial decisions in a global context, particularly within multinational firms. It examines key elements of the international financial environment, including exchange rate dynamics, international financial markets, and the financial management of multinational corporations. The course also addresses major challenges associated with global financial integration, with particular emphasis on exposure to exchange rate risk.

Financial Modelling - FINE 618 (*Compulsory*)

This course provides a comprehensive and practical introduction to financial modelling, aimed at developing students' ability to apply financial theory to real-world financial analysis, forecasting, and decision-making. Students build and utilize financial models to analyze performance, project cash flows, and apply time value of money concepts in valuation and investment decisions, while covering key applications in investment analysis and portfolio management, including risk-return analysis, scenario testing, and model design. The course also emphasizes the use of Excel spreadsheet functions and Visual Basic programming for the statistical analysis of financial market data, supporting capital budgeting and broader financial decision-making processes.

Research Project – FINE ٦٩٨ (*Compulsory*)

This is a capstone course in the Master of Applied Finance and Investment program. This course enables students to design and conduct an empirical research paper in finance. The course provides students with an overview of essential concepts, principles, terminology, theories, and applications related to research. It covers the different stages of research, including: Problem Statement, Research Questions/Hypotheses, Theoretical Framework, Literature Review, Data Collection, Data Analysis, Findings and Discussion, Summary, Recommendations, Conclusions, and References. The project is a hands-on learning experience that encourages independent research while meeting the program's learning outcomes.

Elective Course

Corporate Governance and Social Responsibilities- FIN 622 (*Elective*)

The value of a company depends on its ability to protect its shareholders. Having strong corporate governance practices can help minimize the risk of financial loss and improve the company's financial performance. The regulations and rules that promote job creation and private sector investment also help promote firm value. This course covers the various responsibilities and roles of shareholders, the boards of directors, and the executive management. This course also covers the various aspects of corporate governance, such as executive compensation policies and the structure of a company's board of directors. It investigat**es** hostile takeovers and pyramidal structures. This course examines the role of credit rating agencies and financial institutions in promoting corporate governance. It looks into how transparency, accountability, fair treatment of shareholders, and the reduction of conflicts between management and the board of directors can help improve corporate governance**.**

Insurance Management – FINE ٦٢٣ (*Elective*)

This course aims at creating top notch Insurance Managers with rich mix of contemporary theory and practice of management skills ready to take on the increasingly competitive environment.

Sports Finance and Investment – FINE ٦٢٤ (*Elective*)

This course explores the financial and investment aspects of the sports industry, offering students an understanding of how sports organizations generate revenue, manage expenses, and make investment decisions. Students will engage in case studies and practical projects, applying financial principles to real-world sports scenarios. The course prepares students to evaluate and manage investments in the sports sector, making it ideal for those looking to pursue careers in sports finance and management.

Financial Instruments and Derivatives – FINE ٦٢٥ (*Elective*)

This course provides a detailed understanding of how derivative instruments are used to enhance returns and manage risks. The course is practically oriented, encompassing quantitative theoretical developments, the application of pricing to the business environment, and the development of quantitative financial skills. Students will explore innovative financial products, financial processes and complex risk management tools in a variety of market contexts.

Islamic Finance – FINE ٦٢٦ (*Elective*)

This course offers a comprehensive exploration of Islamic banking and finance, incorporating essential elements of sustainable development goals, microfinance, and risk management. The course combines theoretical knowledge with practical applications, case studies, and quantitative examples to enhance understanding and facilitate learning. By completing this course, students will gain a solid foundation in Islamic banking and finance, equipping them with the knowledge and skills necessary to contribute to the growth and development of this dynamic sector.