

This course introduces students to ordinary investment asset forecasting techniques that include technical analysis and traditional time series methods, linear and nonlinear regression, ridge regression and neural network. Class lectures will be focused on the applications of these methods in the forecasting of stock prices, earnings, dividends and financial ratios. Students' understanding of the practical issues relating to these methods will be enhanced by their work on project assignments and a term-project.

FIN 3710 Management of Financial Institutions (3,3,0)

Prerequisite: (1) FIN 2230 Financial Management, FIN 2260 Financial Management or FIN 2280 Principles of Financial Management, and (2) FIN 3110 Fixed Income Securities

This course focuses on the management of financial institutions, such as banks, unit trust companies and insurance companies. Using the risk management approach, it provides students with the understanding of the challenge of globalization to the international financial institutions.

FIN 3730 Corporate Finance (3,3,0)

Prerequisite: FIN 2230 Financial Management, FIN 2260 Financial Management or FIN 2280 Principles of Financial Management

This course addresses the controversial issues and the more advanced topics in financial management. It offers students an opportunity to examine the theory of corporate finance and the role theory can play in leading practitioners towards sound financial decisions.

FIN 3760 Financial Risk Management (3,3,0)

Prerequisite: FIN 2610 Introduction to Futures and Options Markets

Initially much neglected by non-financial and financial institutions, risk management has become an increasingly important area of finance and nowadays attracts widespread attention in companies in various business sectors. This course will apply financial risk management methods using concepts from areas such as value at risk, derivatives, hedging and financial engineering. Some of the markets studied will include commodities, stocks, bonds, and currencies. Analytical methods to quantify market risks, interest rates risks, forex risks, credit risks as well as operational risks will be covered in this course. This course aims at training future managers to use the framework to actively manage the financial risks their organization faces.

FIN 3790 Seminar in Finance (3,3,0)

Prerequisite: FIN 2250 Investment Management

Under guidance of the instructor, students have the opportunity to explore and discuss in this seminar, the latest developments and the major areas of concern in the field of finance.

FIN 3810 Advanced Financial Planning (3,3,0)

Prerequisite: FIN 2610 Introduction to Futures and Options Markets

This course provides students with an understanding of the financial planning process. The six processes will be discussed, including (1) data gathering, (2) goal setting, (3) identification of the problems, (4) preparation of written alternatives and recommendations, (5) implementation of agreed recommendations and (6) review and revision of the plan. The course emphasizes the integrated approach of financial planning process and help students to attain practical skills to prepare and monitor financial plans on behalf of the investors.

FIN 7040 Corporate Finance (2,3,0)

This course introduces the basic concepts and techniques in making investment and financing decisions. It enables students to evaluate some basic investment options, understand how corporations finance their investments, and appreciate different capital structure.

FIN 7050 International Financial Markets and Derivatives Trading (2,3,0)

Prerequisite: FIN 7040 Corporate Finance

This course provides students with knowledge to understand the international financial environment, options, futures and other derivative contracts. Basic trading and hedging strategies will be introduced as an application.

FIN 7060 Investment Analysis and Portfolio Management (2,3,0)

Prerequisite: FIN 7040 Corporate Finance

This course analyses different principles in the valuation of financial assets including common stocks and bonds. The development of portfolio and capital market theories are introduced. The issue of market efficiency is investigated while techniques on performance evaluation and mutual fund performance are also examined.

FIN 7070 Finance and Accounting for the Public Sector (3,3,0)

This course intends to introduce students with the principles and practices of financing, accounting and financial management for the public sector. Fundamental concepts and applications of financial management in a dynamic financial market environment will be covered in the course, to develop students' knowledge of fundamental financial management and their ability in understanding and applying relevant tools to make appropriate decisions concerning short-term and long-term financing, investing and financial planning for individual entities, including governments and other non-profit organizations. In particular, the function of financial institutions and capital market, the valuation, risks and returns of financial assets, the capital structure and cost of capital, the governmental funds (such as general and special funds, capital project funds, trust and fiduciary funds, internal service funds), debt services, budgeting and budgetary control, working capital management, governmental accounting and reporting, and public sector auditing will be delineated to a greater extent. Students should obtain, through this course, a comprehension of the updated development of the theories and practices of finance and accounting, with a focus of that in the public sector.

FIN 7210 Corporate Finance (3,3,0)

This course introduces students to the concepts and techniques in making business financial decisions. The course focuses on the following issues concerning corporate financial managers. These include the decision over the means of financing (Financing Decision), the selection of investment projects (Capital Budgeting), and the making of short-term financial decisions (Current Asset Management). Such knowledge should be helpful to students to explore into other Finance subject areas such as Investments, Personal Financial Planning, Banking, Real Estates, Insurance, Derivatives, International Finance, and Risk Management. Although the corporate perspective will be adopted throughout the course, it will become apparent that the theories, concepts, and techniques are applicable to personal and public financial decision-making. Upon completion of the course, students are expected to gain an appreciation of the role of the financial discipline in the overall economic decision-making process.

FIN 7220 Investment and Portfolio Analysis (3,3,0)

This course analyses different principles in the valuation of financial assets including common, preferred stocks and corporate bonds. The development of portfolio concepts and capital market theories are introduced. The issue of market efficiency is investigated while asset pricing models are discussed. Techniques on performance evaluation are introduced and performance of mutual funds is also examined. After the completion of this course, students should be able to perform sound investment and portfolio analysis.

FIN 7230 Financial Strategy (3,3,0)

This is another capstone course of the MScAAF programme. The course builds on the core elements or foundation of Finance and