

## ▣ Finance MBA Course Description

### **BAF500 Ethics and Social Responsibility of Finance** **1.5:0:1.5**

This course is intended to nurture sound financier/financial managers who study and understand both ethics and social responsibility of finance industry should be important and educated for future development and growth of the industry.

### **BAF501 Corporate Finance** **3:0:3**

This course is designed to help you develop the conceptual foundations as well as the basic tools for making optimal financial decisions. The issues addressed in this course include time value of money, discounted cash flows analysis, relation between risk and return, cost of capital, capital budgeting analysis, capital structure decisions, dividend policy, and options.

### **BAF502 Financial Accounting** **3:0:3**

This course examines basic concepts of financial accounting. This course provides a basic framework to understand and interpret the financial statement from the perspective users. It also provides overview of the basic financial statements - income statement, balance sheets, and cash flow statement, and the detailed elements of those statements.

### **BAF504 Investment Analysis** **3:0:3**

This course is designed to help students better understand the basic principles behind investment theories and be exposed to various empirical evidence on investments. The topics to be covered include introduction to financial markets, asset allocation, various empirical asset pricing models, performance evaluation, and various equity investment strategies.

### **BAF506 Computer Programming in Finance** **1.5:0:1.5**

This course provides a systematic introduction to the analysis and implementation of numerical methods used in financial engineering and risk management. The course uses EXCEL, VBA and Matlab.

### **BAF507 Financial Databases** **1.5:0:1.5**

This course introduces various financial databases that are used to analyze various financial issues. The databases covered include Bloomberg, Datastream, FnGuide's DataGuide, Reuters, CRSP and others.

### **BAF510 Analysis of Fixed Income Securities** **1.5:0:1.5**

This course will provide the basic knowledge on fixed income investments. The course introduces fixed income securities markets and various types of fixed income securities to be used in fixed income investments. In addition, the topics discussed in this course include the basic concepts of fixed income security management such as yield-to-maturity, forward rates, duration and convexity, and various investment strategies related to fixed income securities.

### **BAF600 Advanced Corporate Finance** **3:0:3**

This course is designed to help students develop a deeper understanding of the issues and the basic tools needed for corporate finance managers. The issues addressed in this course include capital structure and payout policy, real options, how to raise external capital, mergers and Economic Value Added (EVA). It is designed for everyone who has taken introductory corporate finance course.

### **BAF601 Strategic Management and Leadership in Financial Institutions** **1.5:0:1.5**

This course is to develop students' skills in analyzing complicated business situations and applying their learning experience into the real financial business world, mainly through case study.

### **BAF602 Financial Marketing** **1.5:0:1.5**

This class is to deliver a body of knowledge applied to plan, implement, and control marketing activities of financial services in a buyer orientation. Its focus is on how to analyze the needs for financial products and services and allocate business resources to fulfill these needs.

### **BAF603 Futures and Options** **3:0:3**

The purpose of this course is to learn about the essential knowledge to understand derivatives and derivatives markets. In particular, the course will deal with forward, futures, swap, and option contracts, and provide knowledge regarding pricing and usage of derivatives. Also, this course provides more profound knowledge on the option pricing, hedging with option Greeks, recent issues in options, credit and interest rate derivatives.

### **BAF604 Microanalysis of Financial Economics** **1.5:0:1.5**

This course is designed to provide the basic economic theory to understand finance. The topics will include the consumer theory, firm theory, industry organization, and equilibrium theory from the perspective of finance.

### **BAF605 Financial Environment and Macroeconomy** **1.5:0:1.5**

Financial markets and financial institutions are closely related with the macroeconomy. This course will teach the principles of macroeconomics and examine the macroeconomic effects on financial markets and financial institutions.

### **BAF606 Finance and Law** **1.5:0:1.5**

We discuss legal issues in finance. Especially, we examine the soundness of the bank management by exploring the Banking Act.

### **BAF607 Corporate Law** **1.5:0:1.5**

This course will first survey various forms of business association available in the current legal system in order to achieve business goals of securing sourcing, know-how, and market positioning. Then it will cover i) the fiduciary duties of the management, board of directors and controlling shareholder, ii) securities laws.

**BAF608 Mergers and Acquisitions** **1.5:0:1.5**

This course is designed to help you as an executive to understand the fundamental functions of mergers and acquisitions in corporate decision making. To achieve the goal of this course effectively, we seek to bridge the gap between practitioners and academicians by applying theory to real world situations with case studies. Finally, issues continuously in the news and the subject of vigorous corporate financial policy debate will be discussed.

**BAF610 Investment Banking** **1.5:0:1.5**

This course is designed to help you as an executive to understand the fundamental functions of investment banks. Precisely, we look at how investment banks help firms to strategically raise funds to finance investment projects and in the process how investment banks make money.

**BAF611 Venture Capital Investments** **1.5:0:1.5**

In this course, we seek understand issues in venture capital investments. To achieve this goal, we overview the fundamental finance theories of risk-return relationships in investing start-up firms. Using the case study approach, we look at each issue including the exit strategies.

**BAF612 Private Equity Investments** **1.5:0:1.5**

In this course, we seek understand issues in venture capital investments. To achieve this goal, we overview the fundamental finance theories of risk-return relationships in investing start-up firms. Finally, we then explore the valuation technique and examine the exiting strategy using the case study approach.

**BAF613 Corporate Governance** **1.5:0:1.5**

In this course, we look at this over-sighted area of finance: the relationship between corporate governance and firm value and shareholder wealth distribution. We mainly use the case study method to achieve this goal.

**BAF614 Theory of corporate restructuring** **1.5:0:1.5**

This course provides theoretical and empirical foundations for corporate restructuring methods such as spin-off, divestures, equity carve-out, and leverage recapitalization from the point of finance. It also examines the accounting and law perspectives as well as financial perspective.

**BAF615 Market Microstructure & Trading Strategies** **1.5:0:1.5**

This course discusses the market microstructure of financial markets. The topics in this course will include the price-formation process, order structure, market making process, the impact of market microstructure on quotes and trades in financial markets, Dark Pools and other trading systems, algorithmic trading strategies, and other issues.

**BAF617 Money and Banking** **3:0:3**

This course is designed to help you prepare for careers in the central bank or in financial services industry where understanding economics of money and banking is crucial. To achieve the goal of this course effectively, we seek to bridge the gap between practitioners and academicians by applying theory to practice.

**BAF618 Commercial Bank Management** **1.5:0:1.5**

This course is designed to help you prepare for careers in the banking industry where successful interactions with the financial markets are crucial. To achieve the goal of this course effectively, we seek to bridge the gap between practitioners and academicians by applying theory to practice. We first examine theory of interest rates and financial markets. Topics on the management of financial institutions are covered to maintain the managerial perspective.

**BAF620 Business Strategies in Financial Service Industry** **1.5:0:1.5**

Financial institutions have some characteristics that manufacturing firms do not have. This course is designed to help understand the unique characteristics of financial service industry and to study the survival and differentiation strategies of financial institutions.

**BAF621 International Finance** **1.5:0:1.5**

This course extends the principles of finance to an international setting. Topics of the course include foreign exchange markets, international bond markets, determination and forecasting of the exchange rates, foreign exchange risk management and international portfolio investments.

**BAF622 International Financial Markets** **1.5:0:1.5**

There is a growing need to understand international financial markets due to the globalization of the world. This course is designed to provide the framework and institutional background knowledge of international financial markets. Topics on foreign exchange markets, eurocurrency markets, and international bond markets will be covered in the course.

**BAF623 Foreign Exchange Markets and Foreign Exchange Policy** **1.5:0:1.5**

This course examines theoretical and empirical issues related with foreign exchange markets such as the mechanics of foreign exchange trading, determination of exchange rates, choice of foreign exchange system, cases for foreign exchange crisis, policy tasks to secure the stability in foreign exchange sector, etc.

**BAF624 Principles of Insurance and Risk** **1.5:0:1.5**

This course focuses on issues regarding insurance and principles of risk sharing and transfers. This course studies law of large numbers, mutuality principle, risk aversion, and insurability.

**BAF639 Security Analysis and Trading Strategies** **1.5:0:1.5**

This course is designed to study the security markets where investors invest and firms raise their capital. This course covers the topics such as regulations, institutional characteristics, and the trading mechanisms in security markets.

**BAF664 Financial Statement Analysis** **3:0:3**

Financial statements are the summary of performance of a firm, and provide useful information for investors to evaluate the firm. The objective of this course is to learn a framework to analyze financial statements and to apply it in specific decision contexts such as investment and performance evaluation of a firm. This course is to understand how accounting information is used for firm value evaluation and value creation. This course examines how key economic variables used for fundamental valuation and the financial variables derived from the financial analysis are used for value creation and value-based management.

**BAF683 Case Studies in Investment Banking** **1.5:0:1.5**

This course studies cases in various investment banking activities. The purpose of this course is for the students to have a bird eye's view on investment banking as well as practical knowledge in various investment banking activities.

**BAF684 Case Studies in Bank Management** **1.5:0:1.5**

This course provides the bridge between bank management theories and bank management practices through case studies based on various bank management theories. The topics covered include the bank management in the financial crises, interest risk management, and bank management strategies.

**BAF801 Special Topics in Finance** **1.5:0:1.5**

This is a special course for new topics in finance area with special interest and potential for development as a regular course.

**BAF810 Special topics in investment banking** **1.5:0:1.5**

This course focuses on special or current issues regarding investment banking.

**BAF960 Thesis for Graduate Students** **0:0:9**

This course is for the research on the thesis.

**BAF961 Field Application Project** **0:6:3**

This course is designed to provide students with realistic field experience by their participation in special projects in the financial services industry. Students are expected to apply theories and practices they have learned from other courses, to have hands-on experiences, and to build a personal network with other industry experts during the course.

**BAF965 Independent study for graduate studies** **0:0:1.5**

In this class, students will do independent studies with advisors over the major problems in the Financial industries. Specially, issues will be selected based on the criticality of the problems. Students will experience the whole process of modeling, analysis, insight generation, and strategy development.

**BAF966 Seminar for Graduate Students** **1.5:0:1.5**

This course is offered to cover the methodology and techniques to analyze important new issues that arise in the field of finance.

**BAF998 Internship Program** **0:6:1.5**

This course is designed to provide students with realistic field experience in the management area. Students will participate in special projects or in daily operation tasks in the Financial industries. They are expected to apply theories, and practice what they have learned from other courses, to have hands-on experiences, and to build a personal network with other industrial experts during the course.

**BAF999 International Internship** **0:6:1.5**

This course was created to provide MBA students with an improved understanding of global issues and equip them with professional and international competence. This internship program will develop practical skills that integrate a student's academic learning into real life situations. In addition, this internship program will allow students to experience collaborative and multicultural work, as students work side by side with non-Korean employees and within different work and management contexts.