# Study Plan for M.B.A in Banking and Finance applied from 2003/2004 - 2008/2009

## A. General Rules and Conditions:

1) This plan conforms to the regulations of the general frame of the program of graduate studies.

2) Areas of specialty admission to this program:

   - Holders of the Bachelor's degree in:

     A- Banking and Finance Sciences, Commerce, Economics, Accounting, Marketing , Management Information Systems, Business Administration and Computer Sciences

     B- Engineering, Mathematics and Actuarial Sciences.

## B. Special Conditions : None

## C. The Study Plan:

**1- Obligatory Courses:**

| Course No. | Course Title | Credit Hrs. | Pre-req. |
|---|---|---|---|
| 1603701 | Banking and Financial Institutions | 3 | – |
| 1603702 | Corporate Finance | 3 | – |
| 1603703 | Managerial Accounting | 3 | – |
| 1603704 | Money and Capital Markets | 3 | – |
| 1603705 | Risk Management in Banks and Financial Institutions | 3 | – |
| 1603706 | Derivatives and Financial Engineering | 3 | – |
| 1603707 | Statistics and Research Methods (Simulation) | 3 | – |
| 1603708 | Management Information Systems | 3 | – |

**2- Elective Courses:**

| Course No. | Course Title | Credit Hrs. | Pre-req. |
|---|---|---|---|
| 1603709 | Macroeconomics | 3 | – |
| 1603710 | Financial Analysis | 3 | – |
| 1603711 | Portfolio Management | 3 | – |
| 1603712 | Multinational Financial Management | 3 | – |
| 1603713 | E-Banking and E-Commerce | 3 | – |
| 1603714 | Special Topics in Banking and Finance * | 3 | – |

*** To be studied once regardless of the topic.**

## D. Master's degree requirements : Studying (33) credit hours as follows:

a- Studying (24) credit hours from the obligatory courses.

b- Studying (9) credit hours from the elective courses.

c- A comprehensive exam. (1603798).

## Courses Description

### Compulsory Courses:

**(1603701) Banking and Financial Institutions (3 cr)**

This course provides a rigorous introduction to the workings of a modern banking system. In addition, it examines recent developments in the banking sector, with special emphasis on the International aspects of banking and practices.

**(1603702) Corporate Finance (3 cr)**

This course examines a number of specific corporate finance issues. These include advanced capital budgeting risk and return, capital structures and costs, dividend policy and long term financing. Modern portfolio theory including the Capital Asset Pricing Model (CAPM) and the Arbitrage Pricing Theory (APT) are covered for their importance in dealing with risk and estimating the cost of equity capital.

**(1603703) Managerial Accounting (3 cr)**

This course covers the design and use of managerial accounting information system for planning, control and decision making in business organization. Topics covered in the course include product /service costing systems, activity-based management, responsibility accounting, transfer pricing and performance evaluation issues.

**(1603704) Money and Capital Markets (3 cr)**

This course explores the relationship between the financial system and the real economy. The main topics include the role of the financial system, deposit-taking institutions, non-bank financial intermediaries, exchange markets, money market, the government and the financial system and the regulation of financial markets.

**(1603705) Risk Management in Banks and Financial Institutions (3 cr)**

This course focuses on market risk management and the practical aspects of treasury management. Topics include risk management techniques such as value at risk (VAR), approaches to measure (VAR), implementing (VAR), and trading strategies in foreign exchange, money market instruments, and derivatives instruments. In addition, the course focuses on the analytical process in the lending decisions of financial institutions. Topics include credit evaluation and control, management of loan portfolio, secured lending and special credit situations such as project and structured financing, syndicated loans and assets securitization. The course also considers source and measures of interest rate and interest rate risk management tools.

**(1603706) Derivatives and Financial Engineering (3 cr)**

This course discusses the valuation of derivative securities and their respective use in trading strategies and risk management (heading). The course examines the option market, future market, and the forward and swap contracts. The course outlines the theoretical underpinnings of the derivatives securities and concentrates on the practical aspects of dealing (Simulation).

**(1603707) Statistics and Research Methods (Simulation) (3 cr)**

This course outlines the various research methodologies commonly used in addressing business questions. The course covers the necessary statistical tools and techniques for analysis of research findings. In addition, experimental and quasi-experimental research design, and empirical research design are covered. Finally, the course aims at confronting participants with real market data in order to learn how to react to information and, for example, manage exchange rate and cash positions in a professional manner.

**(1603708) Management Information Systems (3 cr)**

This course highlights the nature of the technological, design and management aspects of information technology. Expert systems, strategic information systems and technology, and business process redesign are discussed.

## Optional Courses:

**(1603709) Macroeconomics (3 cr)**

This course provides candidates with a graduate level knowledge and training in macroeconomic theory and applications. The main topics include the measurement of income, aggregate demand and supply in closed and open economies, consumption behavior, investment, unemployment, economic growth and monetary and fiscal policies.

**(1603710) Financial Analysis (3 cr)**

This course examines the use of accounting information in company analysis and the importance of financial information in the functioning of capital markets. The required skills to interpret financial information, the application of skills to a variety of decision scenarios (i.e. lending companies and efficient pricing of stocks) constitute the main aspects of the course.

**(1603711) Portfolio Management (3 cr)**

This course begins with the microstructure (market-making mechanisms) of securities markets. Next, the concept of valuation, and the pricing of fixed income (bonds) and equity instruments are covered. The course then examines the formation of investment portfolios and a number of equilibrium asset pricing models (portfolio theory), These include the classical (CAPM), Intertemporal (CAPM), Consumption-Based (CAPM) and the (APT). Finally, portfolio performance measurement is also treated in this course.

**(1603712) Multinational Financial Management (3 cr)**

This course provides candidates with the necessary skills to become effective global finance managers. The main topics include the market for foreign exchange, international parity conditions and forecasting foreign exchange rates, the management of accounting, economics and transaction risks, international capital budgeting and international cash and portfolio management.

### (1603713) E-Banking and E-Commerce (3 cr)

This course is designed to introduce the notion of E-commerce and E-banking. It also provides a step-by-step approach to the development and implementation of E-commerce and E-banking in each sector of banking system, which includes , among other things , E-trading , asset management, capital markets, marketing and customer relationship management.

### (1603714) Special Topics in Banking and Finance (3 cr)

The course examines current issues and problems in finance. Some of the topics will, typically, include governance systems, privatization, finance and development, international economic integration, Arab economic integration, Arab stock markets, securitization, and others.