

**MASTER OF SCIENCE  
FINANCE  
Program code: 1012**

**INTRODUCTION**

The Department of Finance & Financial Institutions (College of Business Administration) offers a Master's degree in **Finance**. This program which is thesis based, is designed in such a way as to provide the transmission of high-quality finance knowledge to students who want to work as finance practitioners, performing core functions in asset pricing, design of trading rules and financial forecasting. The program only offers thesis option as research requirements.

*According to the University Council decision dated 4/2/2007, Thesis students admitted with effect from September 2007 are exempted from the comprehensive examination.*

**PROGRAM REQUIREMENTS**

**30 TOTAL COURSE CREDITS**

**12 COMPULSORY (3 credits each)**

1012-500 Corporate Finance

1012-502 International Finance

**Equivalent to** 1015-522 International Corporate Finance

1012-503 Financial Risk Management

**Equivalent to** 1015-525 Risk Management

1012-504 Research Methods in Finance

**9 ELECTIVE COURSES (3 credits each)**

1012-501 Investment and Portfolio Management

**Equivalent to** 1015-523 Investment Analysis and Portfolio Management

1012-505 Financial Econometrics

1012-510 Behavioral Finance

1012-511 Financial Modeling

1012-512 Islamic Finance

1012-513 Case Studies in Finance

1012-518 Special Topics I

1012-519 Special Topics II

**9 COMPULSORY**

1012-597 Thesis (0)

1012-598 Thesis (0)

2000-599 Thesis (9)

**Foundation Courses**

Graduate of non-finance, non-business disciplines are required to take and pass, with an average of B, three foundation courses (3 credits each) out of the list of courses offered by the MBA program. Graduates of accepted area will be granted exemptions on a case-by-case basis as judged by the Program Committee. A placement test may be required for this purpose. Foundation courses may be taken concurrently with core courses.

- 1015-521 Financial Management
- 1015-531 Business Statistics
- 1015-571 Financial and Managerial Accounting
- 1015-572 Survey of Economics

***COURSE DESCRIPTION***

**1012-500: CORPORATE FINANCE**

**CR: 3**

This course provides the knowledge and tools required to understand the financing and investment decisions of corporations. Topics include capital markets, capital budgeting, asset pricing models, capital structure, the cost of capital, dividend policy, working capital management, mergers, restructuring and corporate control.

**1012-502: INTERNATIONAL FINANCE**

**CR: 3**

This course deals in detail with financial operations that encompass a foreign currency factor. These include arbitrage, hedging, speculation, investment and financing. These operations are studied by taking into account real world conditions, such as transaction costs and bid-offer spreads.

**1012-503: FINANCIAL RISK MANAGEMENT**

**CR: 3**

The course is a study of financial hedging, which consists of taking an opposite position on another financial instrument, most commonly a derivative instrument. Emphasis is on the market risk arising from fluctuations in the prices of fixed income securities, equity and foreign exchange.

**1012-504: RESEARCH METHODS IN FINANCE**

**CR: 3**

This course introduces students to quantitative and qualitative research methods in finance, including estimation, hypothesis testing and survey design. It is also about the philosophy of research in finance, including research design and the ethical issues of research. Another element of this course is the importance of concise writing and presentation of results using informative graphs and tables.

**1012-597: THESIS**

**CR: 0**

**1012-598: THESIS**

**CR: 0**

**2000-599: THESIS**

**CR: 9**

**1012-593: Project**

**CR: 3**