

## **Department Of Finance and Financial Institutions**

### **Course Descriptions**

#### **Course Number:**

FIN 220

#### **Title:**

Principles of Financial Management

#### **Contents:**

This is an introductory course that aims to familiarize the student with the basics of financial management, including the objectives, tasks and decisions made by the financial managers in organizations. These tasks include, but not restricted to, financial markets, time value of money, asset valuation, risk and return, bond and stock valuation, capital budgeting, cost of capital, capital structure, short-term funds management, and forecasting and performance evaluation.

#### **References:**

**Fundamentals of Financial Management**, *Brigham and Houston, 12<sup>th</sup> ed., 2011*, South-Western

#### **Prerequisites:**

ACC 111 & QMIS 120 or ACC 141

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#### **Course Number:**

FIN 315

#### **Title:**

Managing Financial Institutions

#### **Contents:**

This course is designed to develop an understanding of financial institutions and financial markets and their relationship to public policies and management policies. A topical survey of the relevant financial markets and institutions literature, including the impact of regulation and deregulation market structure, risk, profit strategies, relationship of commercial banks and other financial institutions, problems of asset and liability management, and the theory of interest and asset prices. It will also analyze how financial institutions manage, absorb and control the risk they face.

#### **References:**

**Financial Markets and Institutions**, *Saunders & Cornett, 5<sup>th</sup> ed., 2011*, McGraw-Hill/Irwin

#### **Prerequisites:**

FIN 220

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#### **Course Number:**

FIN 316

#### **Title:**

Islamic Finance & Investments

#### **Contents:**

This introductory course on Islamic finance focuses on the basic concepts of Islamic financial transactions such as Murabaha, Musharaka, Speculation, and how Sukuk are structured. The major areas of Islamic finance covered include interest prohibition and the many investment and financing alternatives that the Islamic finance provides.

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**References:**

**Understanding Islamic Finance** by *Ayub*, 2007, Wiley

**Prerequisites:**

FIN 220

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**Course Number:**

FIN 320

**Title:**

Principles of Investment

**Contents:**

This course will elucidate the basics of the financial theory of investments and how it is applied in the real world. Therefore, the focus will be on articulating the conceptual framework of investment theory, which should assist the student to visualize the real world situations. The domestic investment environment will be tackled throughout the different topics.

**References:**

**Essentials of Investments**, *Bodie, Kane and Marcus*, 8th ed., 2010, McGraw-Hill.

**Prerequisites:**

FIN 220

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**Course Number:**

FIN 327

**Title:**

Intermediate Financial Management

**Contents:**

This course examines the basis of financial decisions made by share holding companies, with the emphases being on the theories of asset valuation, capital budgeting under uncertainty, capital structure, cost of capital, short-term funds management, dividends policy, financial forecasting, and multinational financial management.

**References:**

**Fundamentals of Financial Management**, *Brigham and Houston*, 12<sup>th</sup> ed., 2011, South-Western

**Prerequisites:**

FIN 220

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**Course Number:**

FIN 340

**Title:**

Financial Models

**Contents:**

This course is devoted to teaching the students how to use the versatile capabilities provided by Excel to construct financial models of risk, return and valuation, as well as the construction of portfolios. Students will be exposed to examples and applications in basic principles of Finance, as well as applications primarily in Corporate Finance and Investment and Portfolio Management.

**References:**

**Principles of Finance with Microsoft Excel, Benninga, 2<sup>nd</sup> ed., 2011, Oxford University Press**

**Prerequisites:**

FIN 327

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**Course Number:**

FIN 415

**Title:**

Quantitative Finance

**Contents:**

This course presents an introduction to Financial Econometrics for students whose primary interest is not in Econometrics. Students will learn how to apply financial econometric techniques to real-world financial problems and get acquainted with the concepts correlation, regression, and some time series methods. Emphasis will be on real data examples and extensive use of computers to estimate financial relationships and test hypotheses.

**References:**

**Introductory Econometrics for Finance, Brooks, 2<sup>nd</sup> ed. 2010, Cambridge**

**Prerequisites:**

FIN 320

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**Course Number:**

FIN 420

**Title:**

Investment Portfolio Management

**Contents:**

An introduction to the basic concepts and aspects of portfolio theory within practical and theoretical frameworks. These areas include the characteristics and analysis of individual securities as well as the task of combining securities into portfolios. In order to achieve this task topics such as securities return and risk measurement, investment decision making, the capital asset pricing model, option valuation models and market efficiency are discussed.

**References:**

**Portfolio Construction, Management, and Protection, Strong, 5<sup>th</sup> ed., 2008, South-Western**

**Prerequisites:**

FIN 320

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**Course Number:**

FIN 422

**Title:**

Financial Markets

**Contents:**

The course will discuss the functions performed by the money and capital markets and determination of the price of credit, i.e., the interest rate. Students will be exposed to the methodology used to value financial instruments that are actively traded.

**References:**

**Financial Markets and Institutions, Saunders & Cornett, 5<sup>th</sup> ed., 2011, McGraw-Hill/Irwin**

**Prerequisites:**

FIN 320

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**Course Number:**

FIN 425

**Title:**

Capital Budgeting and Long-Term Financing decisions

**Contents:**

An analysis of the financial decisions concerning the process of investment in capital assets and the process of choice of long-term financing sources. (Internal and external sources). With the use of case studies, the emphasis in this course will be on the concept of investment capital decisions, and detailed steps of making these decisions, building capital budgets, analyzing the risks, and finally a study of tradeoff between debt financing and/or equity financing.

**References:**

**Capital Budgeting and Investment Analysis, Shapiro, 1<sup>st</sup> ed. 2004**

**Prerequisites:**

FIN 327

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**Course Number:**

FIN 426

**Title:**

Options and Futures

**Contents:**

This course will provide a solid foundation in financial derivatives. The material study will provide a balance of institutional details necessary to understand the structure of these markets and the theoretical development necessary to apply the contracts to various uses. The course is very much focused on the use of futures, options and swaps to manage price risk.

**References:**

**Derivatives- An Introduction, Strong, 2<sup>nd</sup> ed., 2005, Thomson (South-Western)**

**Prerequisites:**

FIN 320

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**Course Number:**

FIN 428

**Title:**

Small Business Finance

**Contents:**

The course is intended to provide a "hands-on" application of the theories, concepts, and underlying methodology of financial decision-making within the framework of the small business enterprise. The course will focus on developing a comprehensive understanding of the problems unique to the entrepreneur of a small enterprise, viewed through actual case studies, articles, and research projects relevant to the financial decision-making process of the young and emerging company.

**References:**

**Entrepreneurial Finance, Adelman and Marks, 5<sup>th</sup> ed., 2009, Prentice Hall**

**Prerequisites:**

FIN 327

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**Course Number:**

FIN 435

**Title:**

Behavioral Finance

**Contents:**

The course will examine the key psychological obstacles to value maximizing behavior, along with the steps that managers can take to mitigate the effects of these obstacles. The principles of psychology are used to analyze valuation, capital budgeting, perceptions of risk and return and other issues.

**References:**

**Behavioral Finance : Investors Corporations and Markets, Baker and Nofinger, 2010, Wiley**

**Prerequisites:**

FIN 320.

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**Course Number:**

FIN 440

**Title:**

International Financial Management

**Contents:**

This course examines the financial issues facing managers and firms involved in the international transfer of assets, goods and services. The main topics explored will be the foreign exchange market, the management of foreign exchange risk, and investment and financing decisions in international capital markets.

**References:**

**Multinational Business Finance, Eiteman, Stonehill, and Moffett, 12<sup>th</sup> ed., Pearson**

**International Financial Management, Eun and Resnick, 5<sup>th</sup> Ed, 2011, McGraw-Hill**

**Prerequisites:**

FIN 220.

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**Course Number:**

FIN 445

**Title:**

Alternative Investments

**Contents:**

In an environment of abundant liquidity and low interest rates, investors try to boost risk-adjusted return by resorting to alternative investments. These include, among others, hedge funds and private equity. The latter involves a form of equity investment in non-public companies, which take the form of buyouts and venture capital. This course provides an overview of these alternative investment outlets

**References:**

**Handbook of Alternative Investments, Mark Anson, 2nd ed., Wiley**

**Prerequisites:**

FIN 320

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**Course Number:**

FIN 450

**Title:**

Equity Valuation

**Contents:**

The course is devoted to teaching the students the different equity valuation methods & techniques that measure the value of a company, given its current assets and position in the market. The course will primarily focus on the discounted dividend model, free cash flows model and value-based models.

**References:**

**Equity Asset Valuation, Pinto et al., 2010**

**Prerequisites:**

FIN 327

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**Course Number:**

FIN 455

**Title:**

Fixed-Income Investment

**Contents:**

The objective of this course is to learn the techniques of the valuation of fixed income or debt securities, as well as the analysis of interest rate risk and credit risk. This information is essential for a trader to take a decision to buy, sell or stay out of a particular security. Also important is the term structure or the yield curve, which involves the analysis of all bonds issued by the same entity for different maturities.

**References:**

**Fixed Income Analysis, Fabozzi, 2<sup>nd</sup> ed. 2007, Wiley**

**Prerequisites:**

FIN 320

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**Course Number:**

FIN 460

**Title:**

Real Estate Finance and Investment

**Contents:**

This course provides a broad introduction to real estates with a focus on financing issues. Basic project evaluation, financing strategies, and capital market issues related to real estate are covered. The students are expected to rapidly acquire a working knowledge of real estate markets. The course contains three cases that help students to evaluate the impact of more complex financing and capital market tools used in real estates.

**References:**

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**Real Estate Principles, *Ling and Archer*, 2nd ed.,2009 ,McGraw-Hill Irwin,**

**Prerequisites:**

FIN 327

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**Course Number:**

FIN 470

**Title:**

Seminar in Finance & Financial Institutions

**Contents:**

This seminar is devoted to study selected and specialized subjects in both finance and financial institutions, which have not been covered in the other courses offered by the department. Seminar Subjects are determined by the instructor, subject to the approval of Finance Department. The seminar subjects will be announced before registration date.

**References:**

Selected material related to the topic assigned.

**Prerequisites:**

Completion of 90 credit hours, FIN 320 & FIN 327

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**Course Number:**

FIN 480

**Title:**

Internship in Finance

**Contents:**

The main objective of this course is to provide students with practical experience through on Job-Training. Students are trainee; in organizations according to a plan designed by a faculty member in co-ordination with a responsible member of the organization (Field supervisor). Students are followed up weekly, and are asked to submit a fully documented report describing different aspects of their training activities. Students will set for an exam based on the reports they submit.

**References:**

Selected readings related to the institution assigned.

**Prerequisites:**

FIN 320 & FIN 327

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**Course Number:**

FIN 490

**Title:**

Special Topics in Finance

**Contents:**

This course covers current issues and topics not usually covered by the other courses.

**References:**

Selected material related to the issue dealt with in the course.

**Prerequisites:**

FIN 320 & FIN 327

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