

FIN - FINANCE

FIN 2003 Financial Management (2-2-3)

The objective of this course is to equip students with the foundational knowledge and skills in financial management and decision-making. The students will gain an understanding of different long-term financing options available to companies and how they can be utilized to support management decisions. They will learn to apply the concept of time value of money in bond valuation and capital budgeting techniques, and analyze the financial health of companies using ratio analysis. The course will also explore the management of firms' working capital and the various short-term financing options.

Prerequisites: ACC 1003

FIN 2013 Money and Banking (2-2-3)

The objective of this course is to build students' knowledge of money issues, financial systems, and financial intermediation theory. It covers various types of money, monetary aggregates, and the functions of central banks in regulating the banking system and setting monetary policy. Overall, this course provides students with an in-depth understanding of the financial intermediation theory and the unique role of banks in the economy. It equips students with the knowledge and skills needed to analyze the behavior of financial intermediaries.

FIN 2103 Quantitative Methods (2-2-3)

This course provides students with skills in quantitative methods (QM) and their applications. Students will be able to analyze and interpret quantitative data, solve problems and make informed decisions, using mathematical and statistical techniques. The course demonstrates the step by step application of the methods of analysis and interpretation of financial and non-financial data. Emphasis is placed on the achievement of understanding of the principles and techniques of QM. This course provides an edge to students pursuing careers in Finance and other areas of business.

Prerequisites: STS 2003

FIN 2113 Financial Markets, Institutions and Instruments (2-2-3)

This course focuses on the mechanisms through which savings are channeled in the economy, affecting individual and firm decisions. The UAE financial system and major features of other markets are employed to illustrate the institutional structure of the financial system. It also critically reviews the structure and functioning of the financial system including stock markets, debt markets as well as depository and non-depository financial institutions.

Prerequisites: FIN 2013

FIN 3003 Corporate Finance (2-2-3)

This course helps you develop your knowledge of corporate finance. It equips you with knowledge and techniques to tackle the main financial problems in business, in particular understand corporate capital structure, how to estimate the cost of capital of a business, how to appraise investment projects, how to value a company for takeover or flotation, and what dividend policy to choose. The course equips you with financial jargon that is necessary to communicate confidently in the world of finance with various stakeholders. It will also help you develop your Excel skills for finance.

Prerequisites: FIN 2003

FIN 3033 Banking Management (2-2-3)

While banks continue to develop and innovate financial management techniques, regulations continue to expose banks to stricter standards and requirements. Understanding the role of banks in an economy requires understanding their micro-functions and performance. This course examines how bank performance is measured and evaluated using operational performance measures; demonstrates how banks deal with various types of risks; explains the different components of bank asset and liability management, and provides understanding of various bank strategies including bank funding, lending and pricing.

Prerequisites: FIN 2013

FIN 3043 Venture Capital Financing (2-2-3)

The course focusses on entrepreneurial financing modalities ranging from angel financing, bank loans, venture capital to private equity will be explored with particular emphasis on UAE. The course will prepare students to make convincing financing pitches to investors based on business viability, financial projections and valuations of their entrepreneurial ideas. The course will expose students to enterprise valuation methodologies based on pro forma statements and cash flow projections and analyze value propositions from both innovator and investor perspectives.

Prerequisites: FIN 2003

FIN 3113 Insurance (2-2-3)

The concept of risk and insurance is introduced in the course. Students study the different types of insurance and learn how to apply the risk management. Students analyze the structure of the insurance market and learn how to apply the basic principles of insurance. The requirements of the insurance contract are explained and discussed. The government regulation in insurance is analyzed and the features of life insurance are examined. The course elaborates in detail the characteristics of auto insurance, home insurance and commercial property insurance.

Prerequisites: FIN 2003

FIN 3616 FIN Industry Project I (0-24-6)

This course provides students with an opportunity to collaborate with industry partners, gain practical experience, and develop a comprehensive understanding of financial practices at the workplace and risk management strategies applied within an organization. The students will get an opportunity to analyze the application of ethical principles, professional standards and local and global regulatory framework within the workplace. Through hands-on experience, students will develop practical skills in identifying financial problems, analyzing relevant data, designing solutions.

FIN 4013 Islamic Banking and Islamic Financial Markets (2-2-3)

This course provides an in-depth analysis of the principles and practices of Islamic banking and finance. It focuses on the sources and applications of funds in Islamic Banking and Finance, as well as sale-based financing products, service-based products and partnership contracts. The course also focuses on the structure of Islamic financial markets and institutions, and their role in the development of the Islamic finance industry.

Prerequisites: FIN 2013

FIN 4023 Real Estate Finance (2-2-3)

The nature of real estate and different types of real estate ownership are examined. Students learn the principles of real estate market valuation and appraisal methods through discussion, comparison and analysis. Applies real estate market research to forecast ownership benefits and value. Analyses institutions and instruments used to finance real estate and identifies sources of commercial debt and equity capital. Evaluates impact of time and risk on value of real estate investment, mortgage finance, and development. Covers concepts, theories and industry practices used for decision making.

Prerequisites: FIN 2003

FIN 4033 International Finance (2-2-3)

This course contrasts international finance with domestic finance. It demonstrates step by step how the tools of international finance are used to examine the international financial environment, including the international monetary system, the balance of payments, the foreign exchange market and foreign exchange exposure management, as well as the main factors affecting foreign exchange rates. Further, it explores the mechanism of international trade financing and its effect on the development of an open economy.

Prerequisites: FIN 2013

FIN 4063 Digital Finance (2-2-3)

The course elaborates the key concepts and principles of decentralized finance, including how traditional finance has been disrupted by FinTech. Students learn about central bank digital currencies, cryptocurrencies, and how blockchain is reshaping conventional finance. Furthermore, students gain knowledge about the difference between centralized crypto exchanges and decentralized exchanges. Key components of DeFi, such as smart contracts, borrowing and lending protocols, stablecoins, and the functionality of decentralized exchanges, are thoroughly explained.

FIN 4073 Derivatives and Risk Management (2-2-3)

The course elaborates the key concepts and principles of derivatives instruments: options, forwards, futures and swaps. It equips students with knowledge and techniques on options, forwards, futures and swaps valuation and how to construct profitable strategies. The course furnishes students with the knowledge about hedging strategies that students can use to mitigate investment risk, especially from normal backwardation and contango scenarios. It provides a comprehensive analysis on the core attributes of swaps and swaptions and how to structure plain vanilla and currency swap strategies

Prerequisites: FIN 2113

FIN 4083 Portfolio Theory and Investment Management (2-2-3)

The course elaborates the key concepts and principles of portfolio theory and investment management strategies including risk aversion, investment objectives, asset allocation, security selection, mean variance analysis and portfolio construction. The course equips students with knowledge and techniques on diversification, passive and active investment management and portfolio performance strategies, as well as performance attribution on the face of investment regulation as an optimal portfolio constraint.

Prerequisites: FIN 2113

FIN 4123 Fixed Income Securities (2-2-3)

The course provides an in-depth understanding of the international bond markets and their environment features. Students will learn about the types of bonds and techniques for determining bond prices and yields. The course will examine the term structure of interest rates and how it can be analyzed to determine the impacts of bond yields. The course will explore bond portfolio strategies and the difference between passive and active management. Students will learn about the different types of fixed-income securities and how they can be used to build a portfolio that meets investment objectives

Prerequisites: FIN 3013

FIN 4213 Finance Capstone Research Project (2-2-3)

Demonstrating mastery of the program learning outcomes, this capstone course requires the application of in-depth knowledge and research skills gained across the Finance Program to be evidenced in the industry-based project and report. The purpose is to integrate previously taught courses in order to identify opportunities for the application and critical review of theory and practice in a business environment. In addition, this project (with the guidance of business faculty) is to be informed and supported where possible by industry in order to provide a high level of authentic learning.

Prerequisites: BUS 3123

FIN 4716 FIN Industry Project II (0-24-6)

The course equips students with knowledge, skills and competencies required to excel in the field of finance within organizational contexts. Through a combination of theoretical learning and practical application, students will analyze the methods used to make investment decisions, including investing in alternative investments, hedging strategies and the usage of technology to make data driven decisions. Emphasis is placed on fostering effective communication, leadership and collaboration skills to address complex financial challenges, promote professional growth and navigate dynamic industry

Prerequisites: FIN 3616