

# Academic Programs Booklet

## College of Business Administration

# 2025



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# College of Business Administration

- List of Postgraduate Programs* ..... 2
- Master of Science in Finance and Investment* ..... 2
- Program Components* ..... 2
- Detailed Study Plan* ..... 2
- List (A) Elective Courses* ..... 3
- Course Description* ..... 3

# College of Business Administration

## List of Postgraduate Programs

1. Master of Business Administration (MBA)
2. Master in Financial Technology (FinTech)
3. Master of Science in Accounting
4. **Master of Science in Finance and Investment**
5. Master of Science in Human Resource Management
6. Master of Science in Islamic Banking and Finance
7. Master of Science in Real Estate Investment and Finance
8. Doctor of Philosophy in Business Analytics

## Master of Science in Finance and Investment

### Program Components

<b>Course Type</b>	<b>CRD</b>
<b>Major Requirement (MR)</b>	<b>18</b>
<b>Major Elective (ME)</b>	<b>6</b>
<b>Thesis</b>	<b>9</b>
<b>Total Credit (CRD)</b>	<b>33</b>

### Detailed Study Plan

#### Foundation Courses

(Applicable only for those with a non-relevant bachelor's degree)

Course Code	Course Title	Course Hours			Pre requisite	Major GPA
		LEC	PRAC	CRD		
ACCM500	Financial Accounting	3	0	0	-	No
ECONM500	Survey of Economics	3	0	0	-	No
FINM500	Managerial Finance	3	0	0	-	No

Year 1 - Semester 1

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
FIN 620	CORPORATE FINANCE	3	0	3	MR	-	Yes
FIN 628	CAPITAL MARKET ANALYSIS	3	0	3	MR	-	Yes
FIN 635	RESEARCH METHODS & FINANCIAL ECONOMETRICS	3	0	3	MR	-	Yes
FIN 632	FIXED INCOME INVESTMENT	3	0	3	MR	-	Yes

### Year 1 - Semester 2

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
FIN 622	PORTFOLIO MANAGEMENT AND INTERNATIONAL INVESTMENT	3	0	3	MR	-	Yes
FIN 624	FINANCIAL RISK MANAGEMENT	3	0	3	MR	-	Yes
FIN 6XX	Elective Course 1	3	0	3	ME	-	Yes
FIN 6XX	Elective Course 2	3	0	3	ME	-	Yes

### Year 2 - Semester 3

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
FIN695	Thesis	0	27	9	MR	21 Credits including FIN635	No

### List (A) Elective Courses

### Elective Courses (6 CH)

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
FIN 630	BEHAVIORAL FINANCE	3	0	3	ME	FIN 620	Yes
FIN 629	CURRENT ISSUES IN FINANCE	3	0	3	ME	FIN 620	Yes
FIN 631	FINANCIAL DERIVATIVES	3	0	3	ME	FIN620	Yes
FIN 641	FUNDAMENTALS OF FINANCIAL TECHNOLOGY	3	0	3	ME	FIN 620	Yes
FIN 634	SUSTAINABLE AND GREEN FINANCE	3	0	3	ME	FIN 620	Yes

### Course Description Foundation Courses

**Course Code:** ACCM500      **Course Title:** Financial Accounting

Basic financial accounting principles for a business enterprise; accounting and the business environment; recording business transactions; the adjusting process and preparing financial statements; accounting for merchandising operations; plant assets and intangibles; accounting for corporations; introduction to cost accounting; and introduction to management accounting.

**Course Code:** ECONM500      **Course Title:** Survey of Economics

Survey of both micro and macroeconomic concepts; microeconomics topics include scarcity, positive and normative economics, economic problem, demand and supply mechanism, elasticity and market structure; macroeconomics topics include national accounts, unemployment, business cycles, inflation, money, banking and monetary and fiscal policies.

**Course Code:** FINM500      **Course Title:** Managerial Finance

The role of finance in the business organization, financial analysis, financial forecasting, capital investment decisions, financing decisions, cost of capital decision, convertible, international financial management, business failures and investment banking.

## Core Courses

**Course Code:** FIN620      **Course Title:** Corporate Finance (3 credits)

This course provides an in-depth study of corporate financial decision-making processes, focusing on shareholders' wealth value; cost of capital, capital assets pricing model, capital budgeting; dividend policy; risk management and capital structure. Students will examine financing options, such as debt and equity, and their implications for corporate growth and risk. By integrating theoretical concepts with practical applications, this course equips students with the analytical tools needed to make informed financial decisions within organizations

**Course Code:** FIN 628      **Course Title:** Capital Market Analysis

This course provides an in-depth analysis of capital markets, emphasizing the principles, instruments, and analytical techniques essential to understanding their operation and dynamics. Students will explore the role of capital markets in the financial system and the influence of economic factors on market trends. The course also addresses valuation techniques, risk assessment, and portfolio management, equipping students with the tools to analyze and interpret capital market data effectively.

**Course Code:** FIN622      **Course Title:** Portfolio Management and International Investment

This advanced course provides students with a comprehensive understanding of modern portfolio management techniques and international investment strategies. The course focuses on selecting suitable investment policies and strategies, balancing asset classes, and integrating risk management strategies. The topics of efficient diversification, market efficiency, measuring and attributing performance for an investment portfolio will also be discussed in the course.

**Course Code:** FIN 624      **Course Title:** Financial Risk Management

This course provides an in-depth exploration of financial risk management, focusing on the identification, measurement, and mitigation of risks faced by financial institutions and corporations. It covers key concepts and techniques used in managing various types of financial risks, including market risk, credit risk, liquidity risk, and operational risk. The course also delves into the application of financial derivatives such as options, futures, and swaps for hedging purposes, as well as the use of Value at Risk (VaR) models, stress testing, and scenario analysis.

**Course Code:** FIN 632      **Course Title:** Fixed Income Investment

This course focuses on fixed income markets and instruments, including bonds, treasuries, and other debt securities. Students will study interest rate dynamics, yield curve analysis, and valuation techniques for fixed income assets. Emphasis is placed on credit risk assessment, duration and convexity analysis, and portfolio management strategies specific to fixed income.

**Course Code:** FIN 635      **Course Title:** Research Methods & Financial Econometrics

This course focuses on econometric techniques, emphasizing their application in financial and economic data analysis. Building on fundamental econometric concepts, students will explore topics such as time series analysis, panel data models, and limited dependent variable models. The course integrates theory with practical applications, enabling students to conduct rigorous empirical research and to interpret complex financial data accurately. Using econometric software, students will gain the skills to model economic relationships, perform forecasting, and evaluate econometric methods critically, preparing them for decision-making in finance and investments

**Course Code:** FIN 695      **Course Title:** Master of Finance and Investment Thesis

This course will cover the synthesis of theoretical knowledge and practical skills that students have learned during the program to assess and critically examine real world issues faced by an institution in finance and investment. Any topic, reflecting contemporary relevance and issues, will be chosen by the student with the assistance of an academic supervisor from the area of finance. A thesis proposal consisting of problem area, objectives and proposed methodology will have to be submitted to the department council for approval before the start of actual project work.

## Elective Courses

**Course Code:** FIN 630      **Course Title:** Behavioral Finance

This course explores the psychological and emotional factors that influence financial decision-making, challenging traditional economic theories that assume rationality in decision making. Students will examine key concepts such as cognitive biases, heuristics, prospect theory, and the impact of social and emotional influences on market behavior. By analyzing investor behavior, asset pricing anomalies, and market inefficiencies, students gain insights into the complexities of financial markets.

**Course Code:** FIN629      **Course Title:** Current Issues in Finance

This course examines current trends, challenges, and innovations shaping the finance industry. Students will explore key topics, such as fintech, sustainable finance, regulatory developments, and global financial crises, to understand how they influence financial markets and corporate strategies. The course also investigates the impacts of emerging technologies, including blockchain, AI, and data analytics, on financial services and decision-making.

**Course Code:** FIN 631      **Course Title:** Financial Derivatives

This course is aimed to provide students with a basic understanding of how individuals and firms finance, invest and manage their investments in the real world and provide an understanding of financial calculations in derivative markets. This course offers a comprehensive study of financial derivatives and their role in managing risk. Students will explore a range of derivative instruments, including options, futures, forwards, and swaps, along with their pricing mechanisms and applications in various financial contexts.

**Course Code:** FIN 634      **Course Title:** Sustainable and Green Finance

This course explores the rapidly evolving field of sustainable and green finance, focusing on strategies and financial instruments designed to address environmental and social challenges. Key topics include green bonds, sustainability-linked loans, and ESG investment frameworks, as well as regulatory policies promoting environmental responsibility in finance. Students will learn to assess the financial and social impacts of sustainable investments and understand the risks and opportunities associated with green finance.

**Course Code:** FIN 641      **Course Title:** Fundamentals Of Financial Technology

This course will cover the core foundational understanding of financial technology applications. It will start by discussing a new taxonomy of innovations affecting the financial industry. It will then examine how emerging technologies such as bitcoin, and hence all blockchain and smart contract applications, work and how they, together with big data techniques, are used in FinTech. By the end of this course, it will fully explain how, why, and when banks, financial institutions and other firms can benefit from using these technologies to make payments more efficient, improve user experience, tokenize assets and set up secure smart contracts.