

Course Descriptions – Bachelor of Finance

Foundations of Finance - FIN 220 (Compulsory)

This course introduces the fundamental principles of finance required for further study in the discipline. It covers the financial environment, including the relationships among economics, accounting, and finance, as well as the objectives of financial management and organizational structures. The course develops analytical skills through financial planning and analysis, with emphasis on ratio analysis and financial leverage. It also introduces the time value of money, valuation of bonds and stocks, and capital budgeting techniques used in investment decision-making.

Foundations of Investment - FIN 321 (Compulsory)

This course provides a rigorous and quantitative introduction to financial market structures. It examines the investment environment, as well as financial markets and instruments. The course analyzes the risk–return trade-off, optimal portfolio selection, asset pricing models, and market efficiency. It also introduces derivative securities and their role in financial markets.

Corporate Finance - FIN 323 (Compulsory)

This course builds on the concepts introduced in Foundations of Finance (FIN 220) and focuses on corporate financial decision-making. It examines the role of financial managers in evaluating risk and return, capital budgeting decisions, dividend policies, long-term financing, leasing, and mergers and acquisitions.

Islamic Banking and Finance - FIN 421 (Compulsory)

This course provides a comprehensive introduction to Islamic banking and finance. It starts with the basic tools used in Islamic Banking and Finance (IBF) and explains the historical development and conceptual arguments of Islamic Banking and Finance. It describes the classification of contracts and analyzes the main forbidden contracts in Islamic commercial transactions. The course covers principles of Islamic Banking and Finance, the structure of IBF, profit and loss sharing and non-profit and loss sharing modes of investments; Mudarabah, Murabahah, Musharakah, and Istisna, with the help of diagrams, practical questions, quantitative applications to Islamic financial market structure and Islamic financial asset management and valuation.

Financial Institutions & Risk Management - FIN 422 (*Compulsory*)

This course provides a conceptual framework for analyzing financial institutions and the challenges faced by their managers, including commercial banks and other depository institutions. It enhances students' understanding of bank management principles and develops decision-making skills in a financial context. The course integrates key financial theories and concepts covered in previous courses and emphasizes performance evaluation measures such as return on equity (ROE), return on assets (ROA), and net interest margin (NIM), as well as their role in assessing the performance and stability of financial institutions.

Financial Derivatives - FIN 423 (*Compulsory*)

This course introduces the theoretical and practical aspects of financial derivatives, including futures, options, and other derivative instruments. It covers fundamental valuation techniques and examines the strategic and tactical uses of derivatives in financial markets.

Portfolio Management - FIN 424 (*Compulsory*)

The overall objective of this course is to explore and analyze the theory, concepts, tools, and techniques of investment and portfolio management with which one can critically evaluate alternatives relating to investments in financial securities and construct portfolios with desired risk/return characteristics. Topics include portfolio optimization and asset pricing theories, as well as their applications to problems in contemporary financial practice.

International Finance - FIN 426 (*Compulsory*)

This course introduces international finance concepts and prepares students to analyze financial decisions in a global environment, including exchange rates, international markets, and multinational financial management.

Co-op Training - FIN 498 (*Compulsory*)

This course provides students with supervised practical training in a professional finance environment. The co-op experience allows students to apply academic knowledge to real-world financial practices, develop professional competencies, and gain workplace experience. Students are expected to demonstrate analytical, technical, and interpersonal skills while completing assigned training activities and submitting a comprehensive training report.

Research Project – FIN 499 (*Compulsory*)

This course represents the culminating research experience of the program. It enables students to conduct an independent research study in a selected area of finance under faculty supervision. Students apply theoretical knowledge and quantitative or qualitative research methods to investigate a finance-related problem, analyze data, and develop practical conclusions and recommendations. The course enhances research, analytical, and academic writing skills while demonstrating the student's ability to integrate concepts learned throughout the program.

Elective Course

Insurance - FIN 338 (*Elective*)

An introduction to understanding different types of risks and the techniques of managing real risks to maximize the value of a firm. The course includes the risk preferences of corporations with those of individuals and explores the implications of differing preferences on insurance purchase decisions. Also, it explains the basics of the insurance characteristics as a tool in the process of managing risk exposures, including the various insurance policies and insurance regulations. Besides, the course provides an insight into the insurance company's financial statement.

Financial Technology (FinTech) - FIN 430 (*Elective*)

This course introduces students to financial technology innovations transforming the financial services industry. It examines digital payments, blockchain, cryptocurrencies, artificial intelligence, big data analytics, and online financial platforms. The course explores how technology improves financial services efficiency, enhances customer experience, and creates new financial business models while addressing regulatory and cybersecurity challenges.

Financial Modeling - FIN 435 (*Elective*)

This course provides an introduction to financial modeling and its practical applications in finance. It focuses on applying financial theories to real-world problems related to investment analysis, portfolio management, and valuation. The course also develops technical skills through the use of applications such as Excel spreadsheet for analyzing financial market data and performing statistical analysis.

Contemporary Topics in Finance FIN 437 (*Elective*)

This course explores current developments and emerging issues in finance. Topics may include sustainable finance, SMEs finance, financial innovation, global market trends, risk management challenges, and regulatory changes. The course encourages critical analysis of modern financial problems and enhances students' ability to apply financial concepts to evolving industry practices.
