

BFIN - FINANCE (BFIN)

BFIN 6203 Corp Financial Management (3 Credits)

An overview of basic financial principles guiding decision-makers in a corporate setting based on an advancement of the principles covered in BMBA 9101. Topics include cash flow analysis, time value of money, security pricing, capital budgeting, firm cost of capital and capital structure. Suspended. 3 credits

BFIN 7046 Deep Learning (3 Credits)

BFIN 7111 Financial Planning and Risk (3 Credits)

BFIN 7112 Wealth Mgmt - Investment Tax (3 Credits)

BFIN 7113 Retirement - Estate Planning (3 Credits)

BFIN 7114 Financial Plan Management (3 Credits)

Prerequisites: BFIN 7111 and BFIN 7112 and BFIN 7113

BFIN 7211 Working Capital Management (3 Credits)

Prerequisites: BMBA 9101 and BMBA 9102 and BMBA 9103 and BMBA 9104

BFIN 7215 Capital and Money Markets (3 Credits)

Structure and functions of the capital and money markets. Effect on those markets of monetary and fiscal policies of the federal government; relation of these markets to the level of general business activity. Offered: Summer.

Prerequisites: BMBA 9113 or BMBA 9460

BFIN 7216 International Finance (3 Credits)

Analysis of the problems, techniques and policies of financial decision making in a global enterprise. Emphasis is placed on how to utilize various tools, including currency options and swaps, to manage the firm's exposure to foreign exchange risk. Also explores the problems and issues of multinational capital budgeting, balance of payments, protectionism and international competitiveness. Offered: Fall, Spring.

Prerequisites: BMBA 9460

BFIN 7219 Security Analysis (3 Credits)

Analysis, valuation and trading of stocks and bonds, asset pricing theories and portfolio management and evaluation, with emphasis on developing essential analytical skills for investment decisions. Introductions to derivatives will also be covered. Offered: Fall, Spring.

Prerequisites: BMBA 9460

BFIN 7221 Risk Management (3 Credits)

Interpretation of individual and business risks. Applications of exchange-traded and over-the-counter derivatives products to reduce interest rate, stock market and foreign exchange risks. Offered: Irregularly.

Prerequisites: BMBA 9101 and BMBA 9102 and BMBA 9103 and BMBA 9104

BFIN 7225 Mergers and Acquisitions (3 Credits)

Financial aspects of mergers and acquisitions. Development of a sound business and financial rationale for growth through acquisition; establishing the purchase price; measuring the financial impacts imposed by accounting, tax and legal considerations; developing a program to integrate the acquired business successfully. Offered: Irregularly.

Prerequisites: BMBA 9455 and BMBA 9458 and BMBA 9460 (may be taken concurrently)

BFIN 7228 Real Estate Finance (3 Credits)

Examination of residential and commercial real estate, including property valuation, mortgages, and financing arrangements. Offered: Spring.

Prerequisites: BMBA 9455 and BMBA 9458 and BMBA 9460

BFIN 7230 Portfolio Analysis (3 Credits)

Analysis of risk and return characteristics of securities and security market behavior based on mean-variance analysis and optimal portfolio diversification. Special attention given to building optimal portfolios and testing their performance against a broad market index. Offered: Fall
Prerequisites: BMBA 9455 and BMBA 9458 and BMBA 9460 (may be taken concurrently)

BFIN 7231 Futures, Options and Swaps (3 Credits)

A comprehensive overview of fundamental concepts and analytics associated with the derivatives markets. Topics include the basic characteristics of derivatives; the fundamentals of securities traded in derivatives markets; and appropriate trading strategies. Offered: Fall, Spring.

Prerequisites: BMBA 9455 and BMBA 9458 and BMBA 9460

BFIN 7236 Corporate Finance (3 Credits)

Analysis of corporate finance theory and development of analytical tools, including capital budgeting, capital structure decisions, project financing and valuing real options. Offered: Fall, Spring.

Prerequisites: BMBA 9460 and BMBA 9458

BFIN 7238 Securities Regulation (3 Credits)

Examination of the Securities Act of 1933 and the Securities Exchange Act of 1934 and their impacts on the management of corporations. Examination of the Investor Protection Act of 1970 and other relevant securities acts. Considers SEC practices, insider trading, and investor protections. Offered: Irregularly.

Prerequisites: BMBA 9101 and BMBA 9102 and BMBA 9103 and BMBA 9104

BFIN 7244 Corporate Governance (3 Credits)

Relationship among various participants, primarily shareholders, management, and the board of directors, in directing corporate strategy, behavior, and performance. Topics addressed include ethical, financial, legal, and reporting responsibilities as well as recent regulatory and statutory developments. Offered: Irregularly.

Prerequisites: BMBA 9101 and BMBA 9102 and BMBA 9103 and BMBA 9104

BFIN 7245 Fixed Income Analysis (3 Credits)

Analysis and valuation of fixed income securities and markets, including Treasuries, corporate bonds, mortgagebacked securities and fixed income derivatives. Understanding of bond pricing, yields, volatility, term structure and the management of interest rate risk and credit risk in fixed income portfolios. Offered: Irregularly.

Prerequisites: BMBA 9113 or BMBA 9460

BFIN 7246 Doing Business in Bermuda (2 Credits)

This course will examine the advantages and disadvantages of situating corporate headquarters in an off-shore location. Integration of multiple disciplines including: international banking and financial standards, global risk management and insurance, international legal and jurisdictional considerations, and global strategic management and decision making. Particular emphasis will be placed on the topics of risk management and insurance due to the numerous insurance companies located in the region. Students will visit corporate headquarters of Bermuda-based institutions and interact on a professional level. 2 credits

BFIN 7247 Valuation (3 Credits)

This course is intended to provide students with a practitioner's perspective on equity investing and the implementation of investment ideas (portfolio management). The coursework will integrate and apply students' prior study of finance and accounting with a focus on real-world application. By the conclusion of the course, students should be able to fully research and develop informed opinions about prospective equity investments, both in isolation and as a part of a portfolio. 3 credits
Prerequisites: BMBA 9101 and BMBA 9102 and BMBA 9103 and BMBA 9104

BFIN 7255 Financial Modeling (3 Credits)

Application of spreadsheet-based financial models over a wide range of topics, including portfolio optimization, risk assessment, bond valuation, and Value-at-Risk. Offered: Fall and Spring.

Prerequisites: BMBA 9460

BFIN 7260 Financ Tech & Artificial Intel (3 Credits)

This course is designed to explore the intersection of finance and technology with an emphasis on recent development of artificial intelligence. It will introduce various aspects of financial technology, including blockchain, artificial intelligence, machine learning, robot advising, and big data. Students will learn about the impact of technology on financial markets, investment management, risk management, corporate finance, and banking.

BFIN 7261 Financial Software Skill (3 Credits)

This course aims to provide students with comprehensive skills to use various software programs that are in high demand in the financial industry, including analytical, business intelligence, financial modeling, database, development, application programming interfaces (APIs), cloud computing, data privacy, cybersecurity, and other software. The course will cover the latest trends, innovations, and challenges related to software and how they are shaping the future of finance. Moreover, students will gain practical experience in using these tools and techniques to solve real-world financial problems. Prior knowledge of financial, mathematical, statistical, and programming tools is necessary.

BFIN 7262 Machine Learning and Fin Analy (3 Credits)

This course provides an introduction to Machine Learning and Financial Analytics, including the basics of financial statements and ratios, financial markets and securities, financial data types and formats, machine learning concepts and terminology, types of machine learning algorithms, and programming languages and libraries. The course will also cover advanced topics such as predictive analytics for financial markets, sentiment analysis for financial news, fraud detection and prevention, risk assessment and management, and algorithmic trading and portfolio management.

BFIN 7263 Algorithmic Trading (3 Credits)

This course provides an in-depth understanding of algorithmic trading and the application of robotics in finance. The course covers the fundamentals of algorithmic trading and provides hands-on experience in developing trading strategies. Students will also explore the use of robotics in trading and the ethical implications of automation in finance.

BFIN 7264 Blockchain fr Fin & Crypto Ast (3 Credits)

Blockchain technology has revolutionized the way financial transactions are carried out by offering a decentralized and transparent ledger to track financial transactions. This course provides an in-depth understanding of the underlying principles of blockchain technology, its applications in the financial industry, and the use of cryptocurrency assets. The course will cover the theoretical foundations of blockchain, distributed ledger technology, and the basics of cryptography. The course will also examine various blockchain use cases, such as smart contracts, decentralized finance (DeFi), tokenization, initial coin offerings (ICOs), and security token offerings (STOs). Furthermore, from the perspective of crypto asset investors, the course studies risks and returns of cryptocurrencies and discusses crypto portfolio construction, asset selection, and market evaluation. Additionally, the course will explore the regulatory and legal aspects of blockchain technology and cryptocurrency assets.

BFIN 7295 Directed Research/ Finance (1 Credit)

Individual research in the area of finance independent of a formal course structure. Prerequisite: permission of supervising faculty member prior to registration. Offered: Fall, Spring, Summer.

Prerequisites: BMBA 9460 or BMBA 9113

BFIN 7296 Directed Research/ Finance (2 Credits)

Individual research in the area of finance independent of a formal course structure. Prerequisite: permission of supervising faculty member prior to registration. Offered: Fall, Spring, Summer.

Prerequisites: BMBA 9113 or BMBA 9460

BFIN 7297 Directed Research/ Finance (3 Credits)

Individual research in the area of finance independent of a formal course structure. Prerequisite: permission of supervising faculty member prior to registration. Offered: Fall, Spring, Summer.

Prerequisites: BMBA 9113 or BMBA 9460

BFIN 7299 Directed Research - Finance (3 Credits)

Individual research in the area of finance independent of a formal course structure. Prerequisite: permission of supervising faculty member and department chair prior to registration. 3 credits

BFIN 7394 Finance Co-op I (3 Credits)

See Co-op Adviser. Cooperative Education courses are counted as general electives. Offered: Fall, Spring, Summer. 3 credits

Prerequisites: BMBA 9113 or BMBA 9460

BFIN 7395 Finance Co-op II (3 Credits)

See Co-op Adviser. Cooperative Education courses are counted as general electives. Offered: Fall, Spring, Summer. 3 credits

Prerequisites: BMBA 9113 or BMBA 9460

BFIN 7396 Finance Co-op III (3 Credits)

See Co-op Adviser. Cooperative Education courses are counted as general electives. Offered: Fall, Spring, Summer. 3 credits