

FINANCE, INVESTMENT AND BANKING (FINANCE)

FINANCE 200 – CAREERS IN FINANCE

1 credit.

An introduction to exploring finance career pathways and successfully navigating the finance internship/full-time recruitment process. Topics include the Finance industry, finance career pathways, career preparation strategies, and success strategies for working in the finance industry.

Requisites: Freshman or sophomore standing only and (GEN BUS 110 or 120 or concurrent enrollment)

Repeatable for Credit: No

Last Taught: Spring 2022

FINANCE 205 – FINANCIAL MODELING IN EXCEL

1 credit.

A technical skills course in which you will learn how to construct an error-free, well-structured and user-friendly integrated three-statement company model. Constructing a financial model in Excel is a key skill for success as a financial analyst.

Requisites: ACCT I S 100 or 300

Repeatable for Credit: No

Last Taught: Spring 2023

FINANCE/ECON 300 – INTRODUCTION TO FINANCE

3 credits.

Concepts and techniques in corporate finance and investments. Topics include the financial environment, securities markets, financial markets, financial statements and analysis, working capital management, capital budgeting, cost of capital, dividend policy, asset valuation, investments, decision making under uncertainty, mergers, options, and futures.

Requisites: (ECON 101, 111 or A A E 215) and (ACCT I S 100 or 300 or concurrent enroll in ACCT I S 100) and (GEN BUS 306, ECON 310, STAT/MATH 309, 431, STAT 224, 301, 302, 311, 324, 371 or PSYCH 210 or concurrent) or declared in undergrad Business Exchange program

Course Designation: Breadth - Social Science

Level - Intermediate

L&S Credit - Counts as Liberal Arts and Science credit in L&S

Repeatable for Credit: No

Last Taught: Summer 2023

FINANCE 305 – FINANCIAL MARKETS, INSTITUTIONS AND ECONOMIC ACTIVITY

3 credits.

An analysis of the U.S. financial system, its responsiveness to and impact on economic activity and policy, its procedures for assessing and pricing risks on various financial instruments, and its role in the allocation of funds to different sectors in the economy.

Requisites: (ECON/FINANCE 300 or concurrent enrollment), or declared in undergraduate Business Exchange program

Repeatable for Credit: No

Last Taught: Summer 2023

FINANCE 310 – DATA ANALYTICS FOR FINANCE

3 credits.

With a hands-on approach, covers advanced analytics methods for forecasting, predicting, reporting, and analyzing. Relies on Python as its primary coding language. Begins with a review of coding fundamentals and progressively delves into increasingly realistic and complex finance applications.

Requisites: ECON/FINANCE 300

Repeatable for Credit: No

Last Taught: Spring 2022

FINANCE/ECON 320 – INVESTMENT THEORY

3 credits.

Structure and functioning of securities markets; principles of portfolio construction; models of the tradeoff between risk and expected return.

Requisites: FINANCE/ECON 300, (MATH 213, 222, or 276) and (GEN BUS 307, 656, ACT SCI 654, 655, ECON 400, 410, STAT/MATH 310, STAT 312, or 333 or concurrent enrollment), or declared in undergraduate Business Exchange program

Course Designation: Breadth - Social Science

Level - Advanced

L&S Credit - Counts as Liberal Arts and Science credit in L&S

Repeatable for Credit: No

Last Taught: Spring 2023

FINANCE 325 – CORPORATION FINANCE

3 credits.

Development of the theory, method and analytical techniques of financial management. Techniques of capital budgeting; valuation of projects and firms; theory of capital structure; dividend policy; cost of capital; mergers and acquisitions.

Requisites: FINANCE/ECON 300 and ACCT I S 301 and (MATH 213, 222, or 276) and (GEN BUS 307, ACT SCI 654, ECON 400, 410, STAT/MATH 310, STAT 312, or 333 or concurrent enrollment), or declared in undergraduate Business Exchange program

Repeatable for Credit: No

Last Taught: Spring 2023

FINANCE 330 – DERIVATIVE SECURITIES

3 credits.

Pricing and uses of the most common derivatives including options, forward contracts, futures contracts, and swaps.

Requisites: FINANCE/ECON 300, (MATH 213, 222, or 276) and (GEN BUS 307, 656, ACT SCI 654, 655, ECON 400, 410, STAT/MATH 310, STAT 312, or 333 or concurrent enrollment), or declared in undergraduate Business Exchange program

Repeatable for Credit: No

Last Taught: Spring 2023

FINANCE 340 – FIXED INCOME SECURITIES

3 credits.

Analysis of fixed income, bond markets. The objective of the class is to introduce tools for evaluating bonds and making decisions about trading and hedging portfolios of fixed income securities. The main focus is on government bonds and derivative securities associated with them. Consider basic ways to price these bonds using techniques that are well established on Wall St. Introduces basic trading strategies based on exploiting mis-priced securities. Such strategies are profitable when risks are minimized, and so we will discuss several ways to measure and minimize risk. Also discusses the pricing of derivative securities such as bond options and swaps. Other topics include repo financing, mortgage markets, and basic issues involving default risk of corporate bonds.

Requisites: FINANCE 330 or concurrent enrollment**Repeatable for Credit:** No**Last Taught:** Spring 2022**FINANCE 365 – CONTEMPORARY TOPICS**

1-3 credits.

Exploration of subject areas possibly to be introduced into the business curriculum.

Requisites: None**Repeatable for Credit:** Yes, unlimited number of completions**Last Taught:** Spring 2023**FINANCE 399 – READING AND RESEARCH-FINANCE**

1-6 credits.

Individual work suited to the needs of undergraduate students may be arranged with faculty member.

Requisites: Consent of instructor**Course Designation:** Level - Advanced

L&S Credit - Counts as Liberal Arts and Science credit in L&S

Repeatable for Credit: Yes, unlimited number of completions**Last Taught:** Spring 2023**FINANCE 410 – BANK MANAGEMENT**

3 credits.

Management of depository financial intermediaries with primary emphasis on commercial banks. Topics include bank regulation, liquidity and reserve position management, loan pricing and analysis, investment portfolio problems and overall asset liability management.

Requisites: FINANCE/ECON 300 or declared in undergraduate Business Exchange program**Repeatable for Credit:** No**Last Taught:** Spring 2023**FINANCE 420 – INVESTMENT BANKING AND CAPITAL MARKETS**

3 credits.

Provides a broad overview of investment banking. Topics covered include valuation, cash flow, initial public offerings, leveraged buyouts, merger and acquisitions and related corporate governance issues.

Requisites: (ECON/FINANCE 300 or concurrent enrollment) or declared in undergraduate Business Exchange program**Repeatable for Credit:** No**Last Taught:** Spring 2023**FINANCE/INTL BUS 445 – MULTINATIONAL BUSINESS FINANCE**

3 credits.

Application of financial theory to the operations of multinational firms; survey of the international financial environment; determinants of international portfolio and direct investment capital flows; management of foreign exchange position and hedging strategies; evaluation of foreign investment projects (multinational capital budgeting); international financial structure decisions; multinational credit institutions and capital markets; taxation of international business.

Requisites: FINANCE/ECON 300 and (MATH 213, 222, or 276), or declared in undergraduate Business Exchange program**Repeatable for Credit:** No**Last Taught:** Spring 2023**FINANCE 457 – ENTREPRENEURIAL FINANCE**

3 credits.

Discusses the tools helpful for financing new ventures, with emphasis on their applications. The course also helps students understand the institutional setting that has an impact on the financing conditions of new ventures.

Requisites: FINANCE/ECON 300, ACCT I S 301, and (MATH 213, 222, or 276)**Repeatable for Credit:** No**Last Taught:** Spring 2023**FINANCE/ECON 503 – MARKETS WITH FRICTIONS**

3 credits.

Search theory provides framework for understanding markets; is used to study questions in monetary, public, financial economics. This course will develop theoretical tools used to introduce frictions in formal models; will address the role of frictions in several applied scenarios.

Requisites: (FINANCE 305, ECON 301, 302, 311, or 312) and (MATH 213, 222, or 276); or graduate/professional standing**Course Designation:** Level - Advanced

L&S Credit - Counts as Liberal Arts and Science credit in L&S

Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No**Last Taught:** Spring 2022**FINANCE 535 – APPLIED EQUITY MARKETS RESEARCH 1**

3 credits.

A capstone experience focused on investments, research, sales and trading which is designed to provide the opportunity to learn and perform many of the practical skills necessary to research, analyze and pitch equity securities as long investments and/or short sales. Application required.

Requisites: Consent of instructor**Repeatable for Credit:** No**Last Taught:** Spring 2023**FINANCE 536 – APPLIED EQUITY MARKETS RESEARCH 2**

3 credits.

A second capstone experience involving self-directed research and analysis in the areas of investments, research, sales and trading designed to provide the opportunity to apply concepts learned in FINANCE 535.

Requisites: Consent of instructor**Repeatable for Credit:** No**Last Taught:** Spring 2022

FINANCE 602 – WEALTH MANAGEMENT & FINANCIAL PLANNING
3 credits.

As a capstone, it bridges prior academic coursework with professional practice and standards. Employ skills and tools needed to acquire the relevant information and develop a comprehensive financial plan for a client. Provides a complete review of the financial planning CFP Board topics, including ethics and principles of communication and counseling.

Requisites: Consent of instructor

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

FINANCE 610 – BANK SIMULATION AND STRATEGY
3 credits.

Covers advanced asset-liability, hedging, tax minimization, merger/acquisitions and economic value added strategies for depository financial institutions. Students practice these strategies by managing their own bank in a computer simulation model, merging with or acquiring other student's banks using MA software, and by playing a foreign exchange trading simulation.

Requisites: FINANCE 410

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2020

FINANCE 635 – BUSINESS VALUATION
3 credits.

Theory and practice of business valuation: using financial statements, modeling cash flows, present value, using multiples.

Requisites: FINANCE/ECON 300, FINANCE 700, or declared in the Business Exchange program

Repeatable for Credit: No

Last Taught: Spring 2023

FINANCE 645 – INTRODUCTION TO APPLIED SECURITY ANALYSIS
3 credits.

Focuses on industry analysis and security selection, with particular emphasis on identification of value drivers and on communicating the idea to a portfolio manager.

Requisites: Declared in Finance, Investment and Banking: Applied Security Analysis, MBA or Finance, Investment and Banking: M.S.

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Fall 2022

FINANCE 646 – INTRODUCTION TO APPLIED PORTFOLIO MANAGEMENT
3 credits.

Focuses on portfolio management, including development and implementation of the decision making process.

Requisites: FINANCE 645

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

FINANCE 650 – MERGERS AND ACQUISITIONS
2-3 credits.

Study of the market for corporate control including mergers and tender offers. Motives for business combinations; impacts on security holders, managers, labor, economic efficiency; federal and state laws; offensive and defensive strategies. Term paper involving comprehensive analysis of issues.

Requisites: (FINANCE/ECON 300 or 700) and (FINANCE 325, 635, or 725)

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Spring 2023

FINANCE 700 – INTRODUCTION TO FINANCIAL MANAGEMENT
2-3 credits.

Introduction to financial management of firms and investment decision making; both theory and practice are emphasized. Topics covered include the financial environment and securities markets, financial statements and analysis, working capital management and capital budgeting, cost of capital, dividend policy, asset valuation, investments, decision making under uncertainty and selected topics such as mergers, options, futures.

Requisites: Declared in a Master of Business Administration degree program

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Fall 2022

FINANCE 720 – INVESTMENT THEORY AND PRACTICE
3 credits.

Development of the theory, instruments, techniques and practice of modern investment management. Topics include asset pricing and valuation under certainty and uncertainty, portfolio management, determination of interest rates, immunization strategies and derivative securities.

Requisites: (FINANCE 700 and GEN BUS 704), declared in graduate Business Exchange program, or Financial Economics MS

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: No

Last Taught: Fall 2022

FINANCE 725 – CORPORATION FINANCE THEORY AND PRACTICE

2-3 credits.

Theory and practice of financial management of firms. Techniques of capital budgeting under certainty and uncertainty; valuation of projects and firms; theory of capital structure; dividend policy; cost of capital; mergers and acquisitions.

Requisites: FINANCE 700**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Spring 2023**FINANCE 730 – DERIVATIVE SECURITIES - THEORY AND PRACTICE**

3 credits.

Covers the pricing and uses of the most common derivative contracts including options, forward contracts, futures contracts, and exchange-traded funds (ETFs). Also emphasizes a practical understanding of trading and management of portfolios of these contracts, and makes use of an online trading platform. Mathematical and statistical analyses are used throughout.

Requisites: Graduate/professional standing**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Fall 2022**FINANCE 740 – ANALYSIS OF FIXED INCOME SECURITIES**

3 credits.

Detailed coverage of fixed income securities and their derivatives; asset backed/mortgage backed securities; pricing and portfolio strategies; term structures models and other analytical tools.

Requisites: (FINANCE 700 and GEN BUS 704) or declared in graduate Business Exchange program**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Spring 2023**FINANCE/INTL BUS 745 – MULTINATIONAL BUSINESS FINANCE**

2-3 credits.

Theory of business finance as applied to the operations of multinational firms; financial analysis and control of foreign investment decisions; working capital management; multinational credit institutions and capital markets; special accounting problems and trends in international monetary affairs.

Requisites: FINANCE 700**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Spring 2023**FINANCE 755 – CORPORATE RESTRUCTURING & REORGANIZATION**

3 credits.

Financial policy decisions such as working capital management, dividend policy, capital structure and cost. Case studies emphasized.

Requisites: FINANCE 700 and (FINANCE 725, 726, or 635)**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Spring 2017**FINANCE 757 – ENTREPRENEURIAL FINANCE**

2-3 credits.

About a half of all new businesses fail in the first five years. Learn about the tools, state-of-the-art valuation methods, and practical knowledge that are needed to make appropriate financing decisions in such highly uncertain environments.

Requisites: (FINANCE 700 and GEN BUS 704) or declared in graduate Business Exchange program**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Spring 2023**FINANCE 765 – CONTEMPORARY TOPICS**

1-4 credits.

Exploration of advanced subject areas possibly to be introduced into the business curriculum.

Requisites: Graduate/professional standing or declared in graduate Business Exchange program**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** Yes, unlimited number of completions**Last Taught:** Spring 2023**FINANCE 799 – READING AND RESEARCH-FINANCE**

1-6 credits.

Individual work suited to the needs of graduate students may be arranged both during regular sessions and the intersession periods.

Requisites: Consent of instructor**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** Yes, unlimited number of completions**Last Taught:** Spring 2023

FINANCE 830 – ADVANCED DERIVATIVE SECURITIES

3 credits.

Introduces continuous-time financial models essential for the advanced analysis of derivative securities. Discuss the fundamental mathematical concepts and tools from continuous-time stochastic processes including Brownian motion, Poisson processes, stochastic calculus, and change of measure. This provides a framework for analyzing derivative securities including their pricing, hedging, and risk management. In particular, covers the Black-Scholes and stochastic volatility models for equity options; basic term-structure modeling for interest rate derivatives; and reduced-form credit-risk models. Emphasis is put on applications and economic interpretation rather than mathematical rigor.

Requisites: Declared in Financial Economics MS**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Spring 2023**FINANCE 835 – APPLIED SECURITY ANALYSIS AND INVESTMENT MANAGEMENT I**

5 credits.

The management of an actual portfolio of investments. Engage in security analysis, develop a portfolio policy, and participate in field research such as trips to interview the management of potential portfolio acquisitions.

Requisites: Declared in Finance, Investment and Banking: Applied Security Analysis graduate program**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Fall 2022**FINANCE 836 – APPLIED SECURITY ANALYSIS AND INVESTMENT MANAGEMENT II**

4 credits.

Continuation of Finance 835.

Requisites: FINANCE 835**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Spring 2023**FINANCE 850 – APPLIED CORPORATE FINANCE I**

4 credits.

Advanced corporate finance course that provides graduate students practical experience by working on consulting projects. Students work on applied projects in the areas of capital budgeting, capital structure and cash distribution policies. Emphasis on application of theoretical corporate finance concepts.

Requisites: Declared in Finance, Investment and Banking: Corporate Finance and Investment Banking graduate program**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Fall 2022**FINANCE 851 – APPLIED CORPORATE FINANCE II**

5 credits.

Students apply advanced corporate finance training in the areas of real options, mergers and acquisitions, and corporate restructuring and reorganization to problems provided by corporate sponsors. Development of analytical, written and oral presentation skills through presentations to the corporate sponsors.

Requisites: FINANCE 850**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Spring 2020**FINANCE 920 – THEORY OF FINANCE**

3 credits.

Intensive review of modern theories of corporate finance and investments.

Requisites: Declared in Business PHD**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Fall 2022**FINANCE 970 – SEMINAR- INVESTMENTS (PH.D.)**

3 credits.

Intensive study and critical examination of recent empirical and theoretical literature investments.

Requisites: Declared in Business PHD**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** Yes, unlimited number of completions**Last Taught:** Spring 2023**FINANCE 971 – SEMINAR-CORPORATE FINANCE (PH.D.)**

1-3 credits.

Intensive study and critical examination of recent empirical and theoretical literature in corporate finance.

Requisites: Declared in Business or Economics PhD programs**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** Yes, unlimited number of completions**Last Taught:** Spring 2023**FINANCE 972 – TOPICS SEMINAR-FINANCE PHD**

3 credits.

Special topics of current or emerging interest in financial economics.

Requisites: Declared in Business PHD**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement**Repeatable for Credit:** No**Last Taught:** Spring 2021

FINANCE 973 – SEMINAR-WORKSHOP IN FINANCE

2 credits.

Seminar primarily devoted to the generation of original research in the field of finance for the Ph.D. dissertation and subsequent publication in the academic literature.

Requisites: Declared in Business PHD

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Spring 2023

FINANCE 974 – ADVANCED TOPICS SEMINAR-FINANCE PHD

3 credits.

Discuss topics of current and emerging interests in financial economics; analyze open questions and new methodologies that are being applied to address these questions. Build on knowledge in financial economics and further previous exposure to both continuous-time and discrete-time dynamic models. Topics will evolve over time as new papers will be added and addressed.

Requisites: Declared in Business or Economics PhD programs

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, unlimited number of completions

FINANCE 990 – FINANCE INDEPENDENT RESEARCH PHD THESIS

1-12 credits.

Individual work to complete dissertation requirement of Ph.D. program.

Requisites: Consent of instructor

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Summer 2023

FINANCE 999 – READING AND RESEARCH-FINANCE PHD

1-6 credits.

Individual work suited to the needs of Ph.D. students may be arranged both during regular sessions and during the intersession periods.

Requisites: Consent of instructor

Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement

Repeatable for Credit: Yes, unlimited number of completions

Last Taught: Fall 2022