

# FINANCE, INVESTMENT AND BANKING (FINANCE)

## 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. Enroll Info: None

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

**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:** Spring 2020

## 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. Enroll Info: None

**Requisites:** FINANCE/ECON 300 or member of Business Exchange program

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

## 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. Enroll Info: None

**Requisites:** FINANCE/ECON 300 and (MATH 213, 222, or 276) and (GEN BUS 307, ACT SCI 654, ECON 410, STAT/MATH 310, STAT 312, or 333 or concurrent enrollment); or member of 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 2020

## 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. Enroll Info: None

**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 member of Business Exchange program

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

## FINANCE 330 – DERIVATIVE SECURITIES

3 credits.

Pricing and uses of the most common derivatives including options, forward contracts, futures contracts, and swaps. Enroll Info: None

**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 member of Business Exchange program

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

## 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. Enroll Info: None

**Requisites:** FINANCE 330 or concurrent enrollment

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

## FINANCE 365 – CONTEMPORARY TOPICS

1-3 credits.

Exploration of subject areas possibly to be introduced into the business curriculum. Enroll Info: None

**Requisites:** None

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2020

**FINANCE 399 – READING AND RESEARCH-FINANCE**

1-6 credits.

Individual work suited to the needs of undergraduate students may be arranged with faculty member. Enroll Info: None

**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:** Fall 2015

**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. Enroll Info:

None

**Requisites:** FINANCE/ECON 300 or member of Business Exchange program

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**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. Enroll Info:

None

**Requisites:** FINANCE/ECON 300 or member of Business Exchange program

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**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. Enroll Info: None

**Requisites:** FINANCE/ECON 300 and (MATH 213, 222, or 276); or member of Business Exchange program

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**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. Enroll Info: None

**Requisites:** FINANCE/ECON 300, ACCT I S 301, and (MATH 213, 222, or 276)

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**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. Enroll Info: None

**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 2020

**FINANCE 602 – WEALTH MANAGEMENT & FINANCIAL PLANNING**

3 credits.

As a capstone, it bridges prior academic coursework with professional practice and standards. Students employ skills and tools needed to acquire the relevant information and develop a comprehensive financial plan for a client. A complete review of the financial planning CFP Board topics, including ethics and principles of communication and counselling, is included in the course. Enroll Info: None

**Requisites:** Consent of instructor

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**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. Enroll Info: None

**Requisites:** FINANCE 410

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**FINANCE 635 – SECURITY ANALYSIS**

3 credits.

Financial analysis for selection of securities that are currently either under- or over-valued. Enroll Info: None

**Requisites:** FINANCE/ECON 300 or FINANCE 700

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**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. Enroll Info: None

**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:** Spring 2020

**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. Enroll Info: None

**Requisites:** (FINANCE 700 and GEN BUS 704) or member of Business Exchange program

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2019

**FINANCE 721 – INVESTMENT THEORY AND APPLICATION**

3 credits.

Theory and practice of finance investment: financial market structure, arbitrage, theory of risk and return, behavior of financial prices, option contracts, futures and forward contracts, valuation of derivatives, interest rates, fixed-income securities, common stock and portfolio theory. Enroll Info: None

**Requisites:** (FINANCE 700 and GEN BUS 704) or member of Business Exchange program

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2012

**FINANCE 725 – CORPORATION FINANCE THEORY AND PRACTICE**

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. Enroll Info: None

**Requisites:** FINANCE 700

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**FINANCE 726 – VALUATION AND CORPORATE INVESTMENT DECISIONS**

3 credits.

Theory and practice of financial valuation for investment decisions: present value, modeling cash flows, hurdle rates, financial multiples, valuing private firms, real options. Enroll Info: None

**Requisites:** FINANCE 700

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2015

**FINANCE 727 – RAISING CAPITAL & FINANCING THE FIRM**

3 credits.

Theory and practice of corporation finance: financial security contracts; security issuance; capital structure; dividend policy; cost of capital; financial risk management; mergers, acquisitions, and financial restructuring. Enroll Info: None

**Requisites:** FINANCE 700

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2015

**FINANCE 735 – INTRODUCTION TO APPLIED SECURITY ANALYSIS**

2 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. Enroll Info: None

**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 2017

**FINANCE 736 – INTRODUCTION TO APPLIED PORTFOLIO MANAGEMENT**

2 credits.

Focuses on portfolio management, including development and implementation of the decision making process. Enroll Info: None

**Requisites:** FINANCE 735

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2018

**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. Enroll Info: None

**Requisites:** (FINANCE 700 and GEN BUS 704) or member of Business Exchange program

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**FINANCE/INTL BUS 745 – MULTINATIONAL BUSINESS FINANCE**

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. Enroll Info: None

**Requisites:** FINANCE 700

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**FINANCE 750 – MERGERS AND ACQUISITIONS**

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. Enroll Info: None

**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 2020

**FINANCE 755 – CORPORATE RESTRUCTURING & REORGANIZATION**

3 credits.

Financial policy decisions such as working capital management, dividend policy, capital structure and cost. Case studies emphasized. Enroll Info: None

**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**

3 credits.

About a half of all new businesses fail in the first five years. This course offers the tools, state-of-the-art valuation methods, and practical knowledge that are needed to make appropriate financing decisions in such highly uncertain environments. Enroll Info: None

**Requisites:** (FINANCE 700 and GEN BUS 704) or member of Business Exchange program

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**FINANCE 765 – CONTEMPORARY TOPICS**

1-4 credits.

Exploration of advanced subject areas possibly to be introduced into the business curriculum. Enroll Info: None

**Requisites:** Graduate/professional standing or member of Business Exchange program

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

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2020

**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. Enroll Info: None

**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 2019

**FINANCE 830 – ADVANCED DERIVATIVE SECURITIES**

3 credits.

This course covers the design of new financial securities, advanced techniques for pricing and measuring the risks of derivative securities, and strategies employing derivative securities. Applications include the pricing and use of swaps, mortgage-backed securities, exotic options, and corporate securities with embedded options. Enroll Info: None

**Requisites:** Consent of instructor

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2012

**FINANCE 835 – APPLIED SECURITY ANALYSIS AND INVESTMENT MANAGEMENT I**

5 credits.

The management of an actual portfolio of investments. Students engage in security analysis, develop a portfolio policy, and participate in field research such as trips to interview the management of potential portfolio acquisitions. Enroll Info: None

**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 2019

**FINANCE 836 – APPLIED SECURITY ANALYSIS AND INVESTMENT MANAGEMENT II**

4 credits.

Continuation of FINANCE 835. Enroll Info: None

**Requisites:** FINANCE 835

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**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. Enroll Info: None

**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 2019

**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. Enroll Info: None

**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. Enroll Info: None

**Requisites:** Declared in Business PHD

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

**Repeatable for Credit:** No

**Last Taught:** Fall 2019

**FINANCE 970 – SEMINAR- INVESTMENTS (PH.D.)**

3 credits.

Intensive study and critical examination of recent empirical and theoretical literature investments. Enroll Info: None

**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 2020

**FINANCE 971 – SEMINAR-CORPORATE FINANCE (PH.D.)**

3 credits.

Intensive study and critical examination of recent empirical and theoretical literature in corporate finance. Enroll Info: None

**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:** Fall 2019

**FINANCE 972 – TOPICS SEMINAR-FINANCE PHD**

3 credits.

Special topics of current or emerging interest in financial economics.

Enroll Info: None

**Requisites:** Declared in Business PHD

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

**Repeatable for Credit:** No

**Last Taught:** Spring 2020

**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. Enroll Info: None

**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 2020

**FINANCE 990 – FINANCE INDEPENDENT RESEARCH PHD THESIS**

1-12 credits.

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

Enroll Info: None

**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 2020

**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. Enroll Info: None

**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 2020