

Finance (FIN)

Courses

FIN 0822. Investing for the Future. 4 Credit Hours.

This class will teach you about seemingly complicated financial topics in a very comprehensible manner that will help you make informed financial decisions to ensure a secure financial future. We begin with identification of common financial problems among the "young, fabulous and broke" and how to avoid them. After thinking about life and financial priorities, we address why thinking about retirement now must be at the top of your list. We examine how to compute your retirement needs and how to get there, primarily with a focus on investing in common stock. You will learn how to think smart about big ticket purchases such as cars, housing, and graduate/professional education. Finally we will make sure you understand how to create a safety net to protect your future. NOTE: This course fulfills the Quantitative Literacy (GQ) requirement for students under GenEd and a Quantitative Reasoning (QA or QB) requirement for students under Core. Students cannot receive credit for this course if they have successfully completed ECE 0822, FIN 0922 or RMI 0822.

Course Attributes: GQ

Repeatability: This course may not be repeated for additional credits.

FIN 0922. Honors Investing for the Future. 4 Credit Hours.

This class will teach you about seemingly complicated financial topics in an understandable manner that will help you make well-informed "money" decisions to ensure a secure financial future. At the same time, we will use the tools learned to analyze important current events such as the constant dollar (or inflation-adjusted) minimum wage and unfunded pension liabilities. We begin with identification of common financial problems among the "young, fabulous and broke" and how to think about addressing them. After addressing life and financial priorities, you will learn why retirement savings must be at the top of your list. We examine how to compute your retirement needs and how to get there, primarily with a focus on investing in the stock market. You will learn how to think smart about big ticket purchases such as cars, housing, and graduate/professional education. Finally we will make sure you understand how to create a safety net to protect your future. NOTE: This course fulfills the Quantitative Literacy (GQ) requirement for students under GenEd and a Quantitative Reasoning (QA or QB) requirement for students under Core. Students cannot receive credit for this course if they have successfully completed ECE 0822, FIN 0822 or RMI 0822.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: GQ, HO

Repeatability: This course may not be repeated for additional credits.

FIN 2501. Finance Fellows I. 1.5 Credit Hour.

This is the first course of a 2-course sequence offered over the fall and spring semesters earning one and one-half credits for each semester (total of three credit hours). The program is designed to introduce high-achieving Finance majors that have completed 30 credit hours to the various career paths in finance. In addition, it will provide an opportunity to accelerate their learning of necessary finance skills to be competitive for internships after their sophomore and junior years. Each career path will be discussed, which will include the general responsibilities, required skills and needed academic learning. Examples of related analyses for the respective career path will be prepared and reviewed in class to provide a high level "hands-on" experience related to the respective career path. Examples will be Excel based as it is important to begin to build Excel skills since once you enter the business world you will be expected to have a working knowledge of Excel. You will also learn about information services used in the finance world including Bloomberg, Capital IQ, Factset as well as company websites and SEC filings.

Co-requisites: ACCT 2101.

Repeatability: This course may not be repeated for additional credits.

FIN 2502. Finance Fellows II. 1.5 Credit Hour.

This is the second course of a 2-course sequence offered over the fall and spring semesters earning one and one-half credits for each semester (total of three credit hours). The program is designed to introduce high-achieving Finance majors that have completed 30 credit hours to the various career paths in finance. In addition, it will provide an opportunity to accelerate their learning of necessary finance skills to be competitive for internships after their sophomore and junior years. This class will focus on developing case analysis and presentation competencies.

Co-requisites: FIN 3101.

Repeatability: This course may not be repeated for additional credits.

FIN 2527. Digital Disruption in Financial Services. 3 Credit Hours.

The course provides students exposure to the current technological advances reshaping the financial services industry, using research papers, business news articles and guest speakers to highlight topics. The course focuses on blockchain, digital currencies, artificial intelligence, machine learning and the regulatory environment surrounding these innovations. The course requires intensive reading and reflection on the class speaker content. An important deliverable is a team project where students develop a fintech application.

Repeatability: This course may not be repeated for additional credits.

FIN 3101. Financial Management. 3 Credit Hours.

This course provides a survey of the financial problems associated with the life cycle of a business firm. Topics include: financial analysis and planning, capital budgeting, cost of capital, and the sources and uses of business funds. While the emphasis is on decision making within a corporate environment, the tools taught in this course are just as relevant to other forms of business organization and to personal financial management.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Accounting, Actuarial Science, Business Management, Construction Engr Tech, Construction Mgt Tech, Career and Technical Education, Economics, Economics, Entrprnrship & Innovation Mgt, Entrepreneurship, Finance, Financial Planning, Human Resource Management, International Business, Law & Business, Legal Studies, Management Information Systems, Marketing, Real Estate, Risk Management and Insurance, Supply Chain Management, Statistical Sci + Data Analyt, Undeclared-Business & Mngt.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(ECON 1101|Minimum Grade of C-|May not be taken concurrently
OR ECON 1901|Minimum Grade of C-|May not be taken concurrently)
AND (ECON 1102|Minimum Grade of C-|May not be taken concurrently
OR ECON 1902|Minimum Grade of C-|May not be taken concurrently)
AND (STAT 2102|Minimum Grade of C-|May not be taken concurrently
OR STAT 2902|Minimum Grade of C-|May not be taken concurrently
OR STAT 2104|Minimum Grade of C-|May not be taken concurrently
OR STAT 2103|Minimum Grade of C-|May not be taken concurrently
OR STAT 2903|Minimum Grade of C-|May not be taken concurrently
OR MATH 3031|Minimum Grade of C-|May not be taken concurrently)
AND (ACCT 2102|Minimum Grade of C-|May be taken concurrently
OR ACCT 2902|Minimum Grade of C-|May be taken concurrently
OR ACCT 2521|Minimum Grade of C-|May be taken concurrently)

FIN 3102. Financial Management Lab. 1 Credit Hour.

This online course is for finance majors and minors only. It is designed to provide a more in-depth study and application of topics covered in the FIN 3101/3901 courses, such as time value of money; bond and stock pricing, risk and return, financial analysis and planning, capital budgeting, cost of capital, capital structure. The course will be Excel intensive and focus on problems that require a higher level of critical problem solving skills beyond simple one-step solutions.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Finance.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May be taken concurrently
OR FIN 3901|Minimum Grade of C|May be taken concurrently
OR CRFI01 Y|May not be taken concurrently
OR CRFI07 Y|May not be taken concurrently.

FIN 3504. Intermediate Corporate Finance. 3 Credit Hours.

This course is an Excel based course in financial management. The course covers three broad areas of study: The first area is financial statements analysis, financial statements forecasting and free cash flow valuation of the firm. The second focuses on capital budgeting decisions. The third covers the cost of capital, leverage and capital structure policy. You will demonstrate your proficiency in each of the broad areas with an exam and a case analysis using the Excel spreadsheet. This course provides an intensive introduction to corporate financial decision-making and will prepare you for subsequent courses in the finance major.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Accounting, Actuarial Science, Business Management, Economics, Economics, Entrprnrship & Innovation Mgt, Entrepreneurship, Finance, Financial Planning, Human Resource Management, International Business, Law & Business, Legal Studies, Management Information Systems, Marketing, Real Estate, Risk Management and Insurance, Supply Chain Management, Statistical Sci + Data Analyt, Undeclared-Business & Mngt.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR FIN 3502|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3505. Bank Enterprise Risk Management. 3 Credit Hours.

This course applies financial management theory and practice to the management of banks and other financial institutions. Topics include: risk-return tradeoffs, regulatory constraints, performance analysis, asset-liability management, and liquidity, interest rate and credit risk management.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Accounting, Actuarial Science, Business Management, Economics, Economics, Entrprnrship & Innovation Mgt, Entrepreneurship, Finance, Financial Planning, Human Resource Management, International Business, Law & Business, Legal Studies, Management Information Systems, Marketing, Real Estate, Risk Management and Insurance, Supply Chain Management, Statistical Sci + Data Analyt, Undeclared-Business & Mngt.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR FIN 3503|Minimum Grade of C|May not be taken concurrently
 OR FIN 3504|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently
 OR CRFI02 Y|May not be taken concurrently.

FIN 3506. Derivatives and Financial Risk Management. 3 Credit Hours.

This course provides a theoretical and practical analysis of the following derivatives instruments: futures, options, options on futures, and swaps. Topics include: speculative and hedging strategies, and the financial risk management of stock portfolios.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Accounting, Actuarial Science, Business Management, Economics, Economics, Entrprnrship & Innovation Mgt, Entrepreneurship, Finance, Financial Planning, Human Resource Management, International Business, Law & Business, Legal Studies, Management Information Systems, Marketing, Real Estate, Risk Management and Insurance, Supply Chain Management, Statistical Sci + Data Analyt, Undeclared-Business & Mngt.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR FIN 3503|Minimum Grade of C|May not be taken concurrently
 OR FIN 3504|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently
 OR CRFI02 Y|May not be taken concurrently.

FIN 3507. Security Analysis and Portfolio Management. 3 Credit Hours.

This course provides a detailed analysis of the equity market. Topics include: market microstructure, the principles of portfolio theory, and the valuation of equities including the techniques of fundamental security analysis.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Accounting, Actuarial Science, Business Management, Economics, Economics, Entrprnrship & Innovation Mgt, Entrepreneurship, Finance, Financial Planning, Human Resource Management, International Business, Law & Business, Legal Studies, Management Information Systems, Marketing, Real Estate, Risk Management and Insurance, Supply Chain Management, Statistical Sci + Data Analyt, Undeclared-Business & Mngt.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
OR FIN 3901|Minimum Grade of C|May not be taken concurrently
OR FIN 3503|Minimum Grade of C|May not be taken concurrently
OR FIN 3504|Minimum Grade of C|May not be taken concurrently
OR CRFI01 Y|May not be taken concurrently
OR CRFI07 Y|May not be taken concurrently
OR CRFI02 Y|May not be taken concurrently.

FIN 3508. Fixed Income Modeling and Analysis. 3 Credit Hours.

This course provides a theoretical and applied analysis of the spot markets for fixed income instruments. Topics include: Estimation of zero coupon spot curves, computation of forward rates, day count conventions, valuation of bonds with embedded options, duration and convexity of bond yields, default risk probabilities, interest rate volatility, bond portfolio management strategies, and securitization. Note: Prior to fall 2017, the course title was "Money and Fixed Income Markets."

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Accounting, Actuarial Science, Business Management, Economics, Economics, Entrprnrship & Innovation Mgt, Entrepreneurship, Finance, Financial Planning, Human Resource Management, International Business, Law & Business, Legal Studies, Management Information Systems, Marketing, Real Estate, Risk Management and Insurance, Supply Chain Management, Statistical Sci + Data Analyt, Undeclared-Business & Mngt.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
OR FIN 3901|Minimum Grade of C|May not be taken concurrently
OR CRFI01 Y|May not be taken concurrently
OR CRFI07 Y|May not be taken concurrently.

FIN 3509. Real Estate Investment and Finance. 3 Credit Hours.

This course provides theoretical and practical analyses of investments in real estate assets. Topics include: market and site analyses, financing alternatives and valuation techniques. NOTE: Finance 3509 is required for Real Estate majors.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Accounting, Actuarial Science, Business Management, Economics, Economics, Entrprnrship & Innovation Mgt, Entrepreneurship, Finance, Financial Planning, Human Resource Management, International Business, Law & Business, Legal Studies, Management Information Systems, Marketing, Real Estate, Risk Management and Insurance, Supply Chain Management, Statistical Sci + Data Analyt, Undeclared-Business & Mngt.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
OR FIN 3901|Minimum Grade of C|May not be taken concurrently
OR FIN 3503|Minimum Grade of C|May not be taken concurrently
OR FIN 3504|Minimum Grade of C|May not be taken concurrently
OR CRFI01 Y|May not be taken concurrently
OR CRFI07 Y|May not be taken concurrently
OR CRFI02 Y|May not be taken concurrently.

FIN 3512. Financial Modeling. 3 Credit Hours.

Presents the theory and practice of financial management, emphasizing computer-based modeling and forecasting. Uses spreadsheets and other software products to analyze the impacts of financial decisions related to financial statement analysis, cash budgeting, and cost of capital determination, capital budgeting, and capital structure choices. The course covers a variety of techniques, such as sensitivity and scenario analysis, optimization methods, Monte Carlo simulation, and regression analysis.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Accounting, Actuarial Science, Business Management, Economics, Economics, Entrprnrship & Innovation Mgt, Entrepreneurship, Finance, Financial Planning, Human Resource Management, International Business, Law & Business, Legal Studies, Management Information Systems, Marketing, Real Estate, Risk Management and Insurance, Supply Chain Management, Statistical Sci + Data Analyt, Undeclared-Business & Mngt.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR FIN 3503|Minimum Grade of C|May not be taken concurrently
 OR FIN 3504|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently
 OR CRFI02 Y|May not be taken concurrently.

FIN 3513. Financial Statement Analysis. 3 Credit Hours.

This course is about analyzing and using information from corporate financial reports for the purpose of financial analysis and valuation. The goal of this course is to learn how to use financial statement information to evaluate the firm's past and present performance and to predict likely future outcomes. We will learn to evaluate how well (or poorly) the financial statements depict the firm's economics and how we can use additional information, especially from footnote disclosures, to better understand and analyze financial statement information.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Accounting, Actuarial Science, Business Management, Economics, Economics, Entrprnrship & Innovation Mgt, Entrepreneurship, Finance, Financial Planning, Human Resource Management, International Business, Law & Business, Legal Studies, Management Information Systems, Marketing, Real Estate, Risk Management and Insurance, Supply Chain Management, Statistical Sci + Data Analyt, Undeclared-Business & Mngt.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR FIN 3503|Minimum Grade of C|May not be taken concurrently
 OR FIN 3504|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently
 OR CRFI02 Y|May not be taken concurrently.

FIN 3514. Commercial Real Estate Analysis. 3 Credit Hours.

This course is designed to give students an understanding of activities and decisions that result in the man-made environment by introducing students to the complex world of commercial real estate analysis and development. Of primary interest are principles of sound development and the procedures and interactions of the analyst/developer that will be necessary to coordinate with governmental officials, community leaders, and neighbors, while meeting the needs of users of commercial real estate space. Of importance will be the integration of community preferences including environmental and sustainable development issues. An understanding of commercial real estate markets and development dynamics will require an understanding of real estate assets; complex urban dynamics; pertinent laws and regulations; the use of public and private financing; and the marketing of space within an urban context. Students should also develop the skills necessary to determine the requirements for the successful financial analysis of commercial real estate development including the forecasts of future cash flows and application of appropriate financial analysis techniques.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Accounting, Actuarial Science, Business Management, Economics, Economics, Entrprnrshp & Innovation Mgt, Entrepreneurship, Finance, Financial Planning, Human Resource Management, International Business, Law & Business, Legal Studies, Management Information Systems, Marketing, Real Estate, Risk Management and Insurance, Supply Chain Management, Statistical Sci + Data Analyt, Undeclared-Business & Mngt.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR FIN 3503|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3515. Financial Markets and Institutions for Business. 3 Credit Hours.

This course provides finance majors with a survey of financial instruments (with a focus on fixed income and money markets), markets, and institutions with a strong current events perspective. The course will have an applied managerial perspective that focuses on both how the markets are viewed by companies who need access to funding as well as the professionals that work in the financial services industry. The course is intended not only for those interested in careers in financial markets and institutions, but also for those who wish to extend their institutional industry specific knowledge.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May be taken concurrently
 OR FIN 3901|Minimum Grade of C|May be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3516. Advanced Corporate Finance. 3 Credit Hours.

Advanced Corporate Finance is designed to build on the basic concepts learned in FIN 3101 in the context of managerial decision making. This course will address a variety of topics for more in-depth learning including working capital management, capital budgeting, mergers and acquisitions, dividend policy, leasing and capital structure. The class is delivered using a combination of in-class lectures, online material and business/finance cases. Many of the topics addressed require the use of Excel to maximize the learning that takes place.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3517. Financial Data Analysis. 3 Credit Hours.

This course applies the core materials in statistics and econometrics to the analysis of large financial data sets. The course covers three areas with intensive finance application: 1) statistical inference: distributions, hypothesis testing, confidence interval; 2) regression analysis: simple and multiple linear regressions, and probit/logit regression; and 3) big data and data mining: Monte Carlo simulation, and SQL. Students completing this course should be well prepared for the level of analysis required in the capstone for the asset pricing track.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3519. Introduction to Financial Planning. 3 Credit Hours.

This course provides an overview of the professional approach to personal financial planning. Topics include client/planner interactions; time value of money applications to retirement planning needs; personal financial statement development and assessment; cash flow and debt management; education planning; risk management and insurance; investment planning; employee benefits, tax and estate planning; ethics and practices standards; and practice management concepts. Note: This course only counts towards the Financial Planning major. It can't be used to satisfy any requirements for the Finance major.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3522. Advanced Portfolio Analysis. 3 Credit Hours.

This course provides majors in the asset pricing track with hands-on experience to a variety of portfolio management skills. In this course students are exposed to Capital Asset Pricing Model (CAPM), estimating betas and the Security Market Line (SML), backtesting portfolio allocation, portfolio optimization, risk parity, asset correlation, efficient frontier, Fama-French factor regression analysis, factor performance attribution and stress tests. CapitalWave's Portfolio Asset Simulator will be used as the primary means of instruction giving students an opportunity to create and adjust portfolios to different events and evaluate their performance in response to simulated news feeds using the techniques described above.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3523. Real Estate Financial Modeling. 3 Credit Hours.

The fundamentals of understanding real estate involve a combination of market conditions and economics, legal and environmental due diligence, marketing, and finance. The course is on real estate financial modeling, but will review the accompanying components involving legal and environmental due diligence. This course mixes theory and practice. The financial analysis occurs while obtaining and tracking an actual property. That property is proposed to be an apartment building, since a residential investment is the most likely that small investors can acquire. The class continues to examine real estate financial modeling, but with the use of Argus. The remainder of the class is on financing and capital structure for the project. These include remaining material on depreciation, amortization and loan financing, mezzanine and cash flow waterfalls.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3524. Real Estate Finance and Mortgage Markets. 3 Credit Hours.

This course explores real estate finance and quantitative methods that are used in the valuation of real estate. Students develop an understanding of real estate financing and valuation as well as related topics such as underwriting, risk analysis, and financial leverage. In addition, students learn about the mortgage market including a review of the government-sponsored enterprises including Fannie Mae and Freddie Mac, and the securitization process for residential and commercial mortgages. The course includes analysis of both residential and commercial real estate markets. Students will be able to set up a term sheet to attract equity capital, prepare an offering memorandum for lenders to propose financing packages, and evaluate between competing loan proposals.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3525. Real Estate Development. 3 Credit Hours.

This course evaluates ground-up development on vacant sites as well as rehabilitation, redevelopment, and acquisition investments. The course examines raw and developed land and the similarities and differences of traditional real estate product types including office, R & D, retail, warehouses, single family and multi-family residential, mixed use, and land as well as specialty uses like golf courses, assisted living, and fractional share ownership. Emphasis is on concise analysis and decision making. The course discusses the development process with topics including market analysis, site acquisition, due diligence, zoning, entitlements, approvals, site planning, building design, construction, financing, leasing, and ongoing management and disposition. Special topics like workouts and running a development company are discussed.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3526. Commercial Credit Risk Analysis. 3 Credit Hours.

This course will introduce you to commercial credit risk analysis undertaken by financial services firms. The topics range from financial statement analysis to loan structuring and detecting problem loans. Case studies are used extensively along with mini-assignments to reinforce the learning goals for each topic. The culmination of the course is a final case study exercise that is a turn-key underwriting exercise.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3551. International Finance. 3 Credit Hours.

The course surveys the theory and practice of international finance, as it relates to both markets and firms. Topics include issues in international financial systems, currency market and risk management, and international corporate finance.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Accounting, Actuarial Science, Business Management, Economics, Economics, Entrprnrship & Innovation Mgt, Entrepreneurship, Finance, Financial Planning, Human Resource Management, International Business, Law & Business, Legal Studies, Management Information Systems, Marketing, Real Estate, Risk Management and Insurance, Supply Chain Management, Statistical Sci + Data Analyt, Undeclared-Business & Mngt.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR FIN 3503|Minimum Grade of C|May not be taken concurrently
 OR FIN 3504|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently
 OR CRFI02 Y|May not be taken concurrently.

FIN 3571. Owl Fund Seminar. 3 Credit Hours.

This course provides select students with the in-depth training required to manage the William C. Dunkelberg Owl Fund.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3580. Special Topics. 3 Credit Hours.

Special topics in current developments in the field of Finance.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR FIN 3503|Minimum Grade of C|May not be taken concurrently
 OR FIN 3504|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently
 OR CRFI02 Y|May not be taken concurrently.

FIN 3581. Field Experience in Finance. 3 Credit Hours.

This course allows finance majors to apply what they have learned in the classroom coupled with any professional skills they may have acquired in the workplace. The requirements of the course include: (1) an expectation that you can demonstrate a synthesis of finance concepts through the preparation of a final paper; (2) student responsibility to arrange meetings every other week with their faculty sponsor to track progress throughout the semester; and (3) a strong work ethic including self-motivation and self-discipline as well as an ability to meet deadlines is critical.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(FIN 3504|Minimum Grade of C|May not be taken concurrently
 OR CRFI02 Y|May not be taken concurrently)
 AND (FIN 3507|Minimum Grade of C|May not be taken concurrently
 OR CRFI03 Y|May not be taken concurrently)

FIN 3582. Independent Study. 1 to 6 Credit Hour.

Readings and/or research paper under the supervision of a faculty member.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Finance, Real Estate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently
 OR FIN 3901|Minimum Grade of C|May not be taken concurrently
 OR FIN 3503|Minimum Grade of C|May not be taken concurrently
 OR CRFI01 Y|May not be taken concurrently
 OR CRFI07 Y|May not be taken concurrently.

FIN 3671. Advanced Owl Fund Seminar. 3 Credit Hours.

This course is a continuation of Finance 3571 that will focus on improving the students' skills in value investing and applied portfolio analysis. Students may register for this class only with the permission of the instructor.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 3571|Minimum Grade of C|May not be taken concurrently.

FIN 3682. Independent Study. 1 to 6 Credit Hour.

Readings and/or research paper under the supervision of a faculty member.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Finance, Real Estate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FIN 3101|Minimum Grade of C|May not be taken concurrently

OR FIN 3901|Minimum Grade of C|May not be taken concurrently

OR FIN 3503|Minimum Grade of C|May not be taken concurrently

OR CRFI01 Y|May not be taken concurrently

OR CRFI07 Y|May not be taken concurrently.

FIN 3901. Honors Financial Management. 3 Credit Hours.

This course provides a survey of the financial problems associated with the life cycle of a business firm. Topics include: financial analysis and planning, capital budgeting, cost of capital, and the sources and uses of business funds. While the emphasis is on decision making within a corporate environment, the tools taught in this course are just as relevant to other forms of business organization and to personal financial management. Finance 3901 is the honors section of Finance 3101 and meets the FSBM Finance 3101 requirement.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Accounting, Actuarial Science, Business Management, Construction Mgt Tech, Career and Technical Education, Economics, Economics, Entrprnrship & Innovation Mgt, Entrepreneurship, Finance, Financial Planning, Human Resource Management, International Business, Law & Business, Legal Studies, Management Information Systems, Marketing, Real Estate, Risk Management and Insurance, Supply Chain Management, Statistical Sci + Data Analyt, Undeclared-Business & Mngt.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: HO

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(ECON 1101|Minimum Grade of C-|May not be taken concurrently

OR ECON 1901|Minimum Grade of C-|May not be taken concurrently)

AND (ECON 1102|Minimum Grade of C-|May not be taken concurrently

OR ECON 1902|Minimum Grade of C-|May not be taken concurrently)

AND (STAT 2102|Minimum Grade of C-|May not be taken concurrently

OR STAT 2902|Minimum Grade of C-|May not be taken concurrently

OR STAT 2104|Minimum Grade of C-|May not be taken concurrently

OR STAT 2103|Minimum Grade of C-|May not be taken concurrently

OR STAT 2903|Minimum Grade of C-|May not be taken concurrently

OR MATH 3031|Minimum Grade of C-|May not be taken concurrently)

AND (ACCT 2102|Minimum Grade of C-|May be taken concurrently

OR ACCT 2902|Minimum Grade of C-|May be taken concurrently

OR ACCT 2521|Minimum Grade of C-|May be taken concurrently)

FIN 3999. Honors Thesis I. 1 to 3 Credit Hour.

The first of a two-part sequence of courses in which independent research is conducted under the supervision of a thesis advisor from the Finance department resulting in a substantial piece of original research, roughly 30 to 50 pages in length upon completion of Finance 4999. The student must publicly present his/her findings at a Temple University Research Forum session or the equivalent during one of the two semesters during which these courses are undertaken.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Finance.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: HO

Repeatability: This course may be repeated for additional credit.

FIN 4596. Seminar in Corporate Finance. 3 Credit Hours.

This course integrates the key concepts of finance around the theme of valuation. The course enables students to: prepare a complete financial analysis focusing on the firm's sources of value and economic profit; compute a firm's cost of capital using publicly available data; value a firm using the free cash flow method; and use the valuation model to assess takeover alternatives and potential capital structure changes. NOTE: Finance 4596 is the required Capstone course for Finance majors. Students must earn a grade of C in this course if they are using it to fill the writing intensive course requirement for their degree. Prior to fall 2017, the course title was "Seminar in Financial Management."

Field of Study Restrictions: Must be enrolled in one of the following Majors: Finance.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(FIN 3503|Minimum Grade of C|May not be taken concurrently
 OR (FIN 3504|Minimum Grade of C|May not be taken concurrently
 AND FIN 3507|Minimum Grade of C|May not be taken concurrently)
 OR (CRFI03 Y|May not be taken concurrently
 AND FIN 3504|Minimum Grade of C|May not be taken concurrently)
 OR (CRFI02 Y|May not be taken concurrently
 AND FIN 3507|Minimum Grade of C|May not be taken concurrently)
 OR (CRFI02 Y|May not be taken concurrently
 AND CRFI03 Y|May not be taken concurrently))
 AND (BA 2196|Minimum Grade of C-|May be taken concurrently
 OR BA 2996|Minimum Grade of C-|May be taken concurrently)

FIN 4597. Seminar in Real Estate Asset Analysis. 3 Credit Hours.

Finance 4597 is a detailed study of the financial asset and investment characteristics of commercial real estate using lecture and case analysis techniques. Some class time will be devoted to student interaction and team work development skills. A course project will develop writing and analytical skills. The course covers a variety of topics including acquisition and cash flow analysis, lease analysis, asset and property management strategies, financing strategies, disposition strategies, federal income taxation issues, risk management strategies and standard valuation techniques for commercial real estate. In addition to the course prerequisites, students should have a suitable background in the use of software for basic spreadsheet analysis and data and statistical analysis. NOTE: This is the required capstone course for real estate majors. Students must earn a grade of C in this course if they are using it to fill the writing intensive course requirement for their degree.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Real Estate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(FIN 3509|Minimum Grade of C|May not be taken concurrently
 OR CRFI04 Y|May not be taken concurrently)
 AND (RE 3501|Minimum Grade of C|May not be taken concurrently
 OR CRRE01 Y|May not be taken concurrently)
 AND (BA 2196|Minimum Grade of C-|May be taken concurrently
 OR BA 2996|Minimum Grade of C-|May be taken concurrently)

FIN 4598. Seminar in Financial Planning. 3 Credit Hours.

Students taking this course are exposed to case analysis and integration of the six major areas of financial planning: fundamentals of financial planning, risk management, investments, income tax planning, retirement planning, and estate planning. Your primary assignment is to develop a well-constructed financial plan that analyzes a hypothetical client's situation integrating all of the knowledge you have been given in the program. Along with the written plan, you will also provide an oral presentation to a panel of CFP professionals. NOTE: FIN 4598 is the required capstone course for Financial Planning majors. A minimum grade of C is required in this course to graduate with a Financial Planning major.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(FIN 3507|Minimum Grade of C|May not be taken concurrently
OR CRFI03 Y|May not be taken concurrently)
AND (FIN 3519|Minimum Grade of C|May not be taken concurrently
OR CRFI05 Y|May not be taken concurrently)
AND (BA 2196|Minimum Grade of C-|May be taken concurrently
OR BA 2996|Minimum Grade of C-|May be taken concurrently)

FIN 4696. Seminar in Investment Analysis. 3 Credit Hours.

This is the asset pricing track capstone course for Fox finance majors. The purpose of the course is to teach students how to plan, carry out, present, and then write up a data-driven research project related to asset pricing of their own design. Students will be doing assets pricing rather than read about it. The course is project-based with no tests or assigned readings. The first several weeks will review both the empirical techniques required to carry out the research and how to do an empirical finance research project. A presentation to the class will be required along with the final paper submission.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(FIN 3101|Minimum Grade of C|May not be taken concurrently
OR FIN 3901|Minimum Grade of C|May not be taken concurrently
OR CRFI01 Y|May not be taken concurrently
OR CRFI07 Y|May not be taken concurrently)
AND (FIN 3504|Minimum Grade of C|May not be taken concurrently
OR CRFI02 Y|May not be taken concurrently)
AND (FIN 3507|Minimum Grade of C|May not be taken concurrently
OR CRFI03 Y|May not be taken concurrently)
AND (BA 2196|Minimum Grade of C-|May be taken concurrently
OR BA 2996|Minimum Grade of C-|May be taken concurrently)

FIN 4999. Honors Senior Thesis II. 1 to 3 Credit Hour.

Independent research conducted under the supervision of a thesis advisor from the Finance Department resulting in a substantial piece of original research, roughly 30 to 50 pages in length. Student must publicly present his/her findings at a Temple University Research Forum session or the equivalent if this was not done in Finance 3999.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Finance.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: HO

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FIN 3999|Minimum Grade of C-|May not be taken concurrently.

FIN 5001. Financial Analysis and Strategy. 3 Credit Hours.

This course develops the conceptual framework that is used in analyzing the financial management problems of business enterprises. Students cover concepts such as the time value of money, the cost of capital, the relationship between risk and return, the valuation of assets such as stocks and bonds, and various corporate finance issues, including capital budgeting, capital structure, corporate financing, and dividend policy.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(ACCT 5001|Minimum Grade of B-|May not be taken concurrently
OR ACCT 5003|Minimum Grade of B-|May not be taken concurrently
OR (ACCT 5301|Minimum Grade of B-|May not be taken concurrently
AND ACCT 5302|Minimum Grade of B-|May not be taken concurrently)
OR (ACCT 5401|Minimum Grade of B-|May not be taken concurrently
AND ACCT 5402|Minimum Grade of B-|May not be taken concurrently))
AND (STAT 5001|Minimum Grade of B-|May not be taken concurrently
OR (MIS 5401|Minimum Grade of B-|May not be taken concurrently
AND STAT 5401|Minimum Grade of B-|May not be taken concurrently)
OR (MIS 5301|Minimum Grade of B-|May not be taken concurrently
AND STAT 5301|Minimum Grade of B-|May not be taken concurrently))

FIN 5101. Fixed Income Analysis. 3 Credit Hours.

This course provides a theoretical and practical analysis of the spot markets for money, bonds, and other fixed income instruments. Topics include money market instruments, duration and convexity of bonds, yields, default risk, the term structure of interest rates, interest rate volatility, financial risk management of bond portfolios, and securitization. Students are assigned a project that involves financial decision-making and real data analysis.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5102. Management of Financial Institutions. 3 Credit Hours.

The objectives of the course are to examine the financial services industry and to apply the fundamental concepts of financial risk management in understanding the decision-making process of this industry. First, the general environment, structure, and recent trends in banking are examined to provide a suitable background. Second, the nature and the industry structure of non-bank financial services firms, such as mutual funds and investment banking firms, are studied. Third, the sources of risk, measurement of risk, and risk management techniques and issues are studied. Risk categories considered include interest rates, credit, off-balance-sheet, operational, and liquidity.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5103. Financial Risk Management. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5104. Advanced Corporate Finance. 3 Credit Hours.

This course builds on the core M.B.A. finance course to develop the critical skills and the analytical tools necessary to apply financial theory to real world situations. The theme of this course is corporate valuation and how corporate decision-making impacts firm value. Four broad topics are covered in this course: cost-of-capital estimation and cash flow estimation; capital structure and dividend policies from the perspective of their impact on firm value; the use of real-option techniques in valuing corporate assets; and mergers and acquisitions, including bidding, takeover defenses, and golden parachutes.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5105. Advanced Option Theory. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5106. Interest Rate Options. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5108. Derivatives. 3 Credit Hours.

This course provides students with a basic knowledge of the futures, options, and other derivative markets, their market structure, theoretical foundation, and the derivative strategies of both speculators and hedgers.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently))
AND (FIN 5109|Minimum Grade of B-|May not be taken concurrently)

FIN 5109. Investments. 3 Credit Hours.

This course provides an understanding of the theory of investments, and introduces the tools and techniques used in investment management. Topics include portfolio theory; equilibrium models of security prices, including the capital asset pricing model and arbitrage pricing theory; empirical behavior of security prices; market efficiency; performance evaluation; and fixed-income markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5111. Corporate Valuation. 3 Credit Hours.

This course covers the valuation of public and private companies using discounted cash flow models, market multiples methods, and hybrid models. Valuation techniques within the discounted cash flow paradigm include dividend discount models, free-cash flow models, and residual income. Market multiples methods will include both price and enterprise models. The instructional format of the course is lecture supplemented with case analysis.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5112. Capital Struc Business. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5113. Financial Analysis & Planning. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5114. Financial Markets and Institutions. 3 Credit Hours.

This course is a survey course of financial instruments, markets and institutions. Topics covered include time value of money, interest rates and yield curves, financial markets efficiency, fundamentals of financial institutions, depository institutions, and interest rate risk management. While the primary focus is on U.S. markets, the course also considers global financial markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5115. Financial Modeling for Investments and Corporate Finance. 3 Credit Hours.

This course will develop the modeling skills that are used in the investments and investment planning process. Spreadsheet Models for the valuation and analysis of investment alternatives will be developed. These will include portfolio modeling to obtain the optimal asset mix to meet investor's goals, valuation models for both equity and fixed income securities and models for alternative investment such as real estate, commodities, options and other investments. Applications of these models will be used through the case method. Solutions to real world problems that investors face will be addressed in these analyses. In addition, alternate models for determining the expected returns on investment will be addressed. This course will develop the modeling skills that are used in the process of corporate decision-making. It will include the development of models for financial statement analysis and the evaluation of investment decisions including the capital budgeting, cost of capital and company valuation. Application models of NPV, IRR, Payback Period, MIRR and other methods of establishing the cash flows and the relative value of projects as faced by corporate decision makers will be developed. These models will be utilized in real world applications through the case method to address the steps needed to make optimal business decisions. In addition, how to establish the appropriate return on a corporate investment will be modeled and addressed.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May be taken concurrently
 OR (FIN 5301|Minimum Grade of B-|May be taken concurrently
 AND FIN 5302|Minimum Grade of B-|May be taken concurrently)
 OR (FIN 5401|Minimum Grade of B-|May be taken concurrently
 AND FIN 5402|Minimum Grade of B-|May be taken concurrently)

FIN 5116. Financial Modeling: Corporate. 1.5 Credit Hour.

This course will develop the modeling skills that are used in the process of corporate decision-making. It will include the development of models for financial statement analysis and the evaluation of investment decisions including the capital budgeting, cost of capital and company valuation. Application models of NPV, IRR, Payback Period, MIRR and other methods of establishing the cash flows and the relative value of projects as faced by corporate decision makers will be developed. These models will be utilized in real world applications through the case method to address the steps needed to make optimal business decisions. In addition, how to establish the appropriate return on a corporate investment will be modeled and addressed.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
 OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
 OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5117. Portfolio Analysis. 1.5 Credit Hour.

This course provides students with a comprehensive look at the theory and practice of the structure of investment portfolios. It will provide an extensive look at efficient diversification and asset allocation models. The course will develop an understanding of the basic structure of Modern Portfolio Theory (MPT) and the development of the efficient frontier and its implications for investors. The securities market line and the Capital Asset Pricing Model (CAPM) will be analyzed and other alternate models for the determination of required rates of return including multifactor model will be explored.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
 OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
 OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5118. Project Analysis & Valuation. 1.5 Credit Hour.

Every project or asset has a value. The goal of this course is to strengthen and sharpen your skills in the valuing of firms' projects and investments. Topics include discounted cash flow techniques, multiple and comparable techniques, and estimating the appropriate costs of capital. Emphasis is on developing robust financial models for managerial decision-making.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5119. Mergers, Acquisitions and Restructurings. 1.5 Credit Hour.

The course involves analysis of corporate restructuring strategies including mergers, acquisitions, hostile takeovers and the market for corporate control, financial re-capitalizations, leveraged buyouts, management buyouts, going-private decisions, fiduciary duties, and re-organization under bankruptcy. The course combines applied theoretical approach with the case study method through detailed analysis of domestic and global corporate deals. The course is designed so as to create an interface or link between the academic and the practitioner perspectives of various dimensions of corporate restructuring process.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5121. Continuous Time Finance. 3 Credit Hours.

The course deals with continuous time finance with financial engineering applications. The course examines derivatives valuation and risk management, integrating financial economic theory, financial calculus, and computational techniques.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5122. Financial Markets and Institutions I. 1.5 Credit Hour.

The objective of the course is to study the environment, practices, and performance of firms operating in the financial services industry, with a particular focus on the banking enterprise. The changing nature of the financial services industry, sources and uses of financial institution funds and sources of risk will be examined. Models of risk measurement will also be discussed.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5123. Financial Markets and Institutions II. 1.5 Credit Hour.

This course will focus on management of the major risks faced by financial institutions. These include: interest rate risk, credit risk, market risk, off balance sheet risk and funding and liquidity risk. Interest rate risk management techniques will include duration management as well as the use of options, futures, caps, floors, collars and swaps for hedging purposes. Credit risk management covers loan sales and securitization. Market risk management employs market models such as Risk Metrics and Back Simulation. Off balance sheet risk management examines non-traditional banking activities and sources of risk. Liquidity risk management will cover reserve management, asset management and liability management. Students will get some hands-on experience by collaborating on a short research project.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
 OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
 OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5124. Working Capital Management Strategies. 1.5 Credit Hour.

The course emphasizes the set of decisions and problems that financial managers face in determining short-term financial policy, financial diagnostics, and operations of the company. Major topics include identifying working capital elements and their relationships to company operations, financial analysis, cash forecasting, banking relations, cash-flow systems, and short-term investment and borrowing strategies.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
 OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
 OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5125. Corporate Governance and Financing Decisions. 1.5 Credit Hour.

The course will cover corporate governance topics from the perspective of the firm's capital providers. Specifically, the procedures and mechanisms that shareholders put in place to ensure that managers efficiently and optimally use the capital provided to the firm. Such topics will include boards of directors, managerial compensation, threat of termination, equity ownership structure, and the market for corporate control. The course may also cover managers' and investors' choices in financing the long-term investment decisions of the firm.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
 OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
 OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5126. Financial Risk Management I: Application of Futures. 1.5 Credit Hour.

This course will be an introduction to the futures market and swap markets for the purpose of risk management. It will include the structure of the markets and the participants. The course will develop the theoretical relationship between the futures contract and spot market. It will concentrate on the use of futures and swaps to hedge a variety of risks including interest rate risk, portfolio risk, asset risk, currency risk and others. The development of hedging strategies will be the general focus in determining the best solution to reduce risk. Futures as an alternate investment will also be explored.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5127. Financial Risk Management II: Application of Options. 1.5 Credit Hour.

This course will be an introduction to the options market for the purpose of understanding its role in investment and investment strategies. It will include the structure of the options market and the trading of options. Theoretical models will be examined and techniques for valuing options will be covered. In addition, the use of option strategies in risk management will be explored concentrating on models to use options as an enhancement to investment portfolios. Other topics will include option strategies, options on futures and other exotic options and their use in the investment process.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5128. Global Finance I: Markets. 1.5 Credit Hour.

This course provides a detailed analysis of international financial markets. Topics include: foreign currency, international money markets, international banking, and international capital markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5129. Global Finance II: Management. 1.5 Credit Hour.

The course provides a theoretical and practical analysis of the financing and investment decisions of multinational firms operating in international financial markets. Topics include: international asset valuation, international financing and investments, foreign exchange risk exposure, and country risk management.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently))
AND (FIN 5128|Minimum Grade of B-|May not be taken concurrently)

FIN 5132. Securities Analysis. 1.5 Credit Hour.

This course provides the student with an introduction to the analysis of securities. It will demonstrate the techniques for the analysis of financial statements to determine the capacity of the firm to generate returns to the stakeholders including equity and debt. It will develop models for the pricing of equity using the discounted free cash flow and relative valuation models. In addition, basic models for the pricing of debt instruments will be addressed. These models will then be used to value securities for the inclusion in investment portfolio looking to create alpha by determining if the securities are under- or over- valued.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
 OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)
 OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)

FIN 5134. Fintech, Blockchain and Digital Disruption. 3 Credit Hours.

The course gives students exposure to the technological advances that are reshaping the financial services as well as other industries using a variety of outside sources including research papers, business news articles and guest speakers. Specifically, the course focuses on block-chain, digital currencies, artificial intelligence (AI), machine learning (ML), internet of things (IoT), virtual reality (VR) and the regulatory environment surrounding these innovations. We are living in a business world that is always changing, and understanding how to observe and analyze changes is a skill as broadly applicable as it is useful.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

BA 5002|Minimum Grade of B-|May not be taken concurrently.

FIN 5137. Int'l Fin Mkt & Corp Fin. 5 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5156. Private Equity. 3 Credit Hours.

This course provides a broad coverage of the private equity market. The course is divided into two distinct segments. The first section addresses the structure of PE funds, evaluation of fund performance, and identification, structuring, and valuation of individual venture capital opportunities. The last segment focuses on leveraged finance and exit. This course is largely case-based, runs at a fast pace, and offers a unique opportunity to interact with private equity industry professionals.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
 OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
 OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5170. Special Topics. 1 to 6 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5180. Special Topics Finance. 1 to 6 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5182. Independent Study. 1 to 6 Credit Hour.

Special study is undertaken in a particular aspect of finance under the direct supervision of an appropriate graduate faculty member. No more than six semester hours of independent study may be counted toward degree requirements.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

FIN 5190. Special Topics - Finance. 1 to 6 Credit Hour.

Special Topics - Finance

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5282. Independent Study. 1 to 3 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5387. Practicum in Financial Analysis and Strategy. 1.5 Credit Hour.

The Practicum in Financial Analysis and Strategy provides students hands-on experience in financial statement evaluation and interpretation, valuing projects and companies, and understanding and making business decisions in the corporate environment. In the Practicum, you will become proficient at Excel Modeling; learn about the various databases that corporate managers access; and most importantly, make recommendations or decisions based on the analysis of data. The course is hands-on, i.e., you work with financial data and financial models in an empirical and case setting.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Co-requisites: FIN 5001.

Repeatability: This course may not be repeated for additional credits.

FIN 5411. Financial Management. 3 Credit Hours.

This course provides an overview of the financial challenges associated with the life cycle of an organization. Topics include: financial analysis and planning, capital budgeting, cost of capital, financial statements, and the sources and uses of business funds. While the emphasis is on decision making within a corporate environment, the tools taught in this course are just as relevant to other forms of business organization and to personal financial management.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5501. International Financial Markets. 3 Credit Hours.

This covers theory, operation, and structure of international financial markets and institutions. International monetary systems, foreign exchange theory, international banking and money markets, and international monetary policy are covered.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
 OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
 OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5502. International Financial Management. 3 Credit Hours.

This course examines how the access and exposure to different currency, country, and market environments can affect the financial and investment decisions of the firm. The course extends closed-economy financial management to the international market environment. Major topics include the relationship between foreign exchange and other financial variables; measurement and management of the exchange risk exposure of the firm; international investment decisions by firms and investors; and financing the global operations of firms.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5001|Minimum Grade of B-|May not be taken concurrently
 OR (FIN 5401|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5402|Minimum Grade of B-|May not be taken concurrently)
 OR (FIN 5301|Minimum Grade of B-|May not be taken concurrently
 AND FIN 5302|Minimum Grade of B-|May not be taken concurrently)

FIN 5601. Financial Technology. .5 or 1 Credit Hours.

This course teaches specialized financial software, financial market databases and quantitative financial tools. Financial Technology may be repeated up to one credit hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for a total of 1 credit.

FIN 5602. Corporate Finance. 1 Credit Hour.

This course reviews economic principles governing financial markets and corporate management and develops financial analysis skills. Topics include capital budgeting and cost of capital.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5603. Financial Accounting. 1 Credit Hour.

This course reviews the practice of financial accounting and develops skills in analyzing financial statements. Topics include financial reporting quality and International standards.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5604. Derivative Markets. 1 Credit Hour.

This course covers global exchange-traded and over-the-counter futures, options and swap instruments and financial applications. Topics include option investment strategies and structured swap applications.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5605. Fixed Income. 1 Credit Hour.

This course examines the features and trading behavior of global fixed income markets. Topics include features of debt securities, bond valuation, interest rate risk immunization and foreign exchange.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5607. Stochastic Calculus & Finance. 1 Credit Hour.

This course covers the mathematical foundations of stochastic calculus with financial applications. Topics include Brownian motion, stochastic integrals and stochastic differential equations.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5608. Ethics and Leadership I. 1 Credit Hour.

This course examines regulations covering business ethics and standards of professional conduct in the financial services industry.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5609. Ethics and Leadership II. 1 Credit Hour.

This course continues the discussion of business leadership and professional conduct in the financial services industry.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5612. Asset Pricing. 1.5 Credit Hour.

This course examines the relationship between financial risk and rates of return. Topics include equilibrium and empirical approaches to asset pricing and international asset pricing.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5613. Derivative Valuation. 1.5 Credit Hour.

This course explores equity, fixed income, foreign exchange and commodity derivatives valuation and risk management applications. Coursework includes trading in futures and options markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5614. Continuous Time Finance. 1.5 Credit Hour.

This course covers continuous-time financial theory and option pricing methods. Topics include risk-neutral pricing and equilibrium asset pricing.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5615. Data Science in Finance. 1.5 Credit Hour.

This course explores the tools and techniques of data mining to extract useful information from large financial data sets. Topics include data cleaning, data visualization and data mining for global financial market insights.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Fin Analysis + Quant Risk Mgt, Financial Analysis & Risk Mgmt, Financial Engineering, Financial Analysis, Investment Management, Quant Fin + Risk Mgmt.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5617. Financial Institutions & Risk. 1.5 Credit Hour.

This course examines the historical development and inherent risks in the financial services industry. Topics include credit risk, interest rate risk, off-balance sheet risk and regulatory constraints.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5618. Corporate Value Management. 1.5 Credit Hour.

This course examines the drivers of firm value and develops financial statement analysis skills. Topics include free cash flow valuation, industry analysis and valuation in emerging markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5619. Quant Fixed Income. 1.5 Credit Hour.

The course covers the mathematics driving fixed income markets. Topics include term structure modeling, interest rate immunization and fixed income derivatives.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5621. Structured Finance. 1.5 Credit Hour.

This course covers the valuation of asset-backed securities and credit derivatives. Topics include mortgage-backed securities, credit default obligations and credit default swaps.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5622. Machine Learning in Finance. 1.5 Credit Hour.

This course examines machine learning techniques for exploring relationships between financial economic variables and making future predictions. Topics include financial modeling and learning algorithms for global market insights.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Fin Analysis + Quant Risk Mgt, Financial Analysis & Risk Mgmt, Financial Engineering, Financial Analysis, Investment Management, Quant Fin + Risk Mgmt.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5615|Minimum Grade of B-|May not be taken concurrently.

FIN 5623. Risk Measurement. 1.5 Credit Hour.

This course examines alternative measures of value-at-risk (VaR) including stress-testing and scenario analysis. Topics include Monte Carlo Methods and risk management failures.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5624. Numerical Methods. 1.5 Credit Hour.

This course examines numerical lattice, Monte Carlo and finite difference methods for pricing vanilla and exotic options. Topics include implied trinomial trees and variance reduction techniques.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5627. Financial Econometrics. 1.5 Credit Hour.

This course examines linear regression and time series models with applications to corporate finance and investments theory. Topics include interpreting regression coefficients and estimating correlation and volatility using GARCH models.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5628. Global Economy. 1.5 Credit Hour.

This course examines global macro-economic conditions. Topics include monetary and fiscal economics, economic indicators, the European Monetary Union and the causes of financial crises.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5629. Value at Risk. 1.5 Credit Hour.

This course examines advanced quantitative methods for estimating the risk of financial loss and risk management applications. Topics include scenario analysis, incremental risk and VaR back testing techniques.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5631. Financial Time Series. 1.5 Credit Hour.

This course teaches methods for analyzing time series data and for forecasting future events. The course offers a mix of financial data analysis together with statistical theory.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5632. Investment Management. 1.5 Credit Hour.

This course explores portfolio management for individual and institutional investors. Coursework includes formulating a strategic equity and fixed income asset allocation strategy.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5634. Stochastic Volatility. 1.5 Credit Hour.

This course examines alternative models of implied volatility and model calibration to observed market data. Topics include the term structure of volatility and jump diffusion models of the volatility smile.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5637. Applied Corporate Finance. 1.5 Credit Hour.

This course examines corporate financial restructuring and mergers and acquisitions. Topics include leveraged buyouts, industry capital structure and corporate governance.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5638. Behavioral Finance. 1.5 Credit Hour.

This course examines insights of efficient market theory and behavioral finance for the historical pattern of asset prices. Topics include bubbles, momentum and limits to arbitrage.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5639. Quantitative Risk Modeling. 1.5 Credit Hour.

This course covers advanced quantitative analysis and assessment of market, credit and operational financial risks. Topics include hedging exotic options and default risk measures.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5641. Alternative Investments. 1.5 Credit Hour.

This course explores proprietary hedge fund strategies and performance measures. Topics include relative value strategies, distressed debt and real estate investment trusts.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5642. Entrepreneurial Companies. 1.5 Credit Hour.

This course examines how entrepreneurial firms pursue financing at various growth stages. Topics include private company valuation, venture capital and new issues markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5643. Structured Products. 1.5 Credit Hour.

This course teaches the financial engineering of structured product and hybrid security offerings. Topics include exotic derivatives and tailored investment strategies.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5646. Frontiers in Quantitative Finance. 1.5 Credit Hour.

Seminar in selected classic and evolving industry methods and applications of quantitative finance.

Field of Study Restrictions: Must be enrolled in one of the following Fields of study: Fin Analysis + Quant Risk Mgt, Financial Analysis & Risk Mgmt, Financial Engineering, Financial Analysis, Investment Management, Quant Fin + Risk Mgmt.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5634|Minimum Grade of B-|May not be taken concurrently.

FIN 5647. Financial Reporting & Analysis. 1.5 Credit Hour.

This course examines advanced financial accounting practices, theory, and issues. Topics include employee compensation, multinational operations and financial reporting quality.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5648. Quantitative Portfolios. 1.5 Credit Hour.

This course examines portfolio management based on quantitative techniques versus fundamental valuation methods. Topics include statistical arbitrage and computer-based models for trading.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5649. Enterprise Risk Management. 1.5 Credit Hour.

This course covers the analysis and development of a best in practice enterprise-wide risk management system. Topics include corporate risk tolerance and strategic risk and capital management issues.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 5671. Financial Analysis I. 1.5 Credit Hour.

This course explores the CFA Program's CFA Level I Candidate Body of Knowledge: ethical and professional standards, quantitative methods, economics, financial reporting, corporate finance, equity investments, fixed income, derivatives, alternative investments and portfolio management.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5672. Financial Analysis II. 1.5 Credit Hour.

This course examines the CFA Program's CFA Level I and II Candidate Body of Knowledge emphasizing the application of investment tools and concepts in asset pricing.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5671|Minimum Grade of B-|May not be taken concurrently.

FIN 5673. Financial Risk Management I. 1.5 Credit Hour.

This course explores the FRM Program's Part I Curriculum covering the tools used to assess financial risk: quantitative analysis, fundamental risk management concepts, financial markets and products, and valuation and risk models.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5674. Financial Risk Management II. 1.5 Credit Hour.

This course examines the FRM Program's Part I and Part II Curriculum focusing on the application of financial risk management tools.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 5673|Minimum Grade of B-|May not be taken concurrently.

FIN 5675. Professional Development. 1 Credit Hour.

This course examines the importance of professional growth to the financial analyst. Topics include career development goals, effective professional communication, leadership and management skills and ethical issues specific to careers in finance.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 5683. Special Study in Finance. .5 to 6 Credit Hours.

Special study is in a particular aspect of finance under the supervision of an appropriate faculty member. No more than six semester hours of special study may be counted toward degree requirements.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may be repeated for additional credit.

FIN 5690. Special Topics in Finance. .5 to 6 Credit Hours.

Special Topics is in a particular aspect of finance under the supervision of an appropriate faculty member. No more than six semester hours of special study may be counted toward degree requirements.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

FIN 5801. Financing the Enterprise. 2 to 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

STAT 5801|Minimum Grade of B-|May not be taken concurrently.

FIN 5802. Enterprise Financial Management. 3 Credit Hours.

Enterprise financial management deals with the financial implications of decisions made by firms. The two broad decisions facing the finance manager are (i) what projects should I invest in?, and (ii) how do I finance these investments? These questions will be answered in this course as well as learning the basics of enterprise valuation.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(STAT 5001|Minimum Grade of B-|May not be taken concurrently

OR STAT 5801|Minimum Grade of B-|May not be taken concurrently)

AND (ACCT 5001|Minimum Grade of B-|May not be taken concurrently

OR ACCT 5801|Minimum Grade of B-|May not be taken concurrently)

FIN 5882. Independent Study. 1 to 6 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

FIN 5890. Special Topics. 1 to 6 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

FIN 9001. Corp Finance Theory. 3 Credit Hours.

This course is a rigorous introduction to the fundamental concepts and techniques used in modern financial economic research. Topics include individual investment decisions under uncertainty, stochastic dominance, mean-variance portfolio analysis, various equilibrium and arbitrage pricing models, and option pricing. Upon completion of this course, students are expected to acquire a clear understanding of the major theoretical results concerning individuals' consumption and portfolio decisions under uncertainty and their implications for the valuations of securities.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 9002. Empirical Research in Corporate Finance. 3 Credit Hours.

This course covers a wide variety of topics in corporate finance, including agency theory, capital structure, signaling, executive compensation, ownership structure, boards of directors, corporate control, diversification, venture capital, financial distress, and dividend policy. The analysis is both theoretical and empirical and is based on papers from the leading journals in finance, economics, and accounting. The principal aim of the course is to prepare students to conduct empirical research in corporate finance.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

FIN 9001|Minimum Grade of B-|May not be taken concurrently.

FIN 9003. Banking and Financial Institutions. 3 Credit Hours.

This course covers a variety of topics on financial institutions and, in particular, the banking enterprise. Emphasis is on empirical papers. The aim is to prepare students to read the literature critically and to strengthen their independent research skills. Subjects include uniqueness of banks, exposure to interest and exchange rate risks, product diversification, contagion, market and regulatory discipline, and others.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

FIN 9004. Seminar in Global Finance and Governance. 3 Credit Hours.

The course introduces students to the basic academic literature in global finance and governance at a doctoral level and to selected advanced topics in this area. The aim is to prepare students to read the literature critically, to strengthen their independent skills, and to help them be ready to select topic in global finance and governance and related areas. Topics will be flexible to class needs but include corporate exchange risk management, international investments, global corporate governance, firm boundaries, financial and strategic issues of multinational firms, and others.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Philosophy.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School, Sport Tourism Hospitality Mgt.

Repeatability: This course may not be repeated for additional credits.

FIN 9005. Empirical Asset Pricing. 3 Credit Hours.

This course is designed to help students bridge the gap between theoretical asset pricing models and the data. Students will read seminal works in empirical asset pricing, implement the methodologies in statistical exercises and produce a research paper that extends the existing literature.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(BA 9105|Minimum Grade of B-|May not be taken concurrently)

AND (BA 9106|Minimum Grade of B-|May not be taken concurrently)

FIN 9011. Proseminar in Finance. 1 to 3 Credit Hour.

This course is integrated with the Finance department's external seminar series (speakers from other universities) and internal seminar series (speakers are PhD students and department faculty). Students are required to attend all seminars. They must read the paper and ask questions during each seminar. For a selected number of seminars, students are required to submit a critique of the paper within a week after the seminar.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Business Administration.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Philosophy.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School, Sport Tourism Hospitality Mgt.

Repeatability: This course may be repeated for additional credit.

FIN 9013. Alternative Investments. 3 Credit Hours.

Alternative assets have become an increasingly important segment of the financial markets. This course analyzes various classes of alternative assets and how they are incorporated into portfolios for diversification and performance enhancement purposes. Topics include private equity, real estate, merger and arbitrage and fund of funds management.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9014. Best Practices in Valuation. 3 Credit Hours.

Corporate valuation deals with managerial decision-making covering two primary topic areas: (i) what projects should the company invest in? and (ii) how does the company finance these investments? This course will provide an in-depth understanding of the models and processes that managers use in making valuation decisions. In particular, covered topics include DCF model, multiple valuation, and transaction analysis. The course consists of a combination of in-class lectures, online material, and business/finance cases.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9015. Corporate Governance. 3 Credit Hours.

In this course, we examine the underlying theory, principles, and practices that surround the governance of modern corporations. The course focuses, in particular, on the mechanisms that shareholders use to ensure that managers maximize shareholder wealth. We will discuss such topics as boards of directors, executive compensation, large shareholders, executive termination and succession, and government regulation.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9016. Derivatives and Risk Management. 3 Credit Hours.

Financial derivatives are indispensable in today's business environments. The primary reason for the advent of derivatives has been their application to hedging and risk management. Commercial banks, investment banks, asset managers, mutual funds, hedge funds, pension funds, insurance companies, manufacturing companies, transportation companies, and energy companies are among the participants who are affected by changing conditions in the market and hence engage in risk management using derivative instruments. As the financial markets evolve and change derivatives are likely to emerge as even more vital ingredients of risk management for all kinds of corporations and businesses. The financial crisis, on the other hand, has taught us that clear understanding of derivatives and their price dynamics is ever more important now.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9017. Dissertation Methodologies. 3 Credit Hours.

Research can follow many different methodologies in answering important and interesting questions. This class will cover the primary methodologies used in academic and practical research studies. These methodologies include: theoretical, empirical, survey, experimental, case studies, and a more general breakdown between quantitative and qualitative research. In addition to discussing and reading about the different methods, we will examine several different examples that appear in practice-based and academic-based finance journals.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9018. Financial Markets and Institutions. 3 Credit Hours.

This course provides a survey of financial markets and institutions with a strong current events perspective and emphasis on global linkages. The course will have an applied managerial perspective that focuses on both how the markets are viewed by companies who need access to funding as well as the professionals that work in the financial services industry. The course consists of a combination of in-class lectures, online material, and business/finance cases.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9019. Investment Allocation and Management. 3 Credit Hours.

This course will discuss the concepts of portfolio management within the context of individual and institutional investment portfolios. Topics include the portfolio management process and development of investment policy statements, execution of portfolio decisions, evaluation of portfolio performance and Global Investment Performance Standards. Course materials are heavily weighted toward case studies and practical applications.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9021. Mergers and Acquisitions. 3 Credit Hours.

The course focuses on financial tools, techniques, and best practices used in buyouts (financial buyers) and acquisitions (strategic buyers). While we will touch upon various strategic, organizational, and general management issues, our main lens for studying these transactions will be a financial one. We will explore how different buyers approach the process of finding, evaluating, and analyzing opportunities in the corporate-control market; how they structure deals and how deal structure affects both value creation and value division; how they add value after transaction completion; and how they realize their ultimate objectives (such as enhanced market position or a profitable exit).

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9022. Private Equity. 3 Credit Hours.

Understanding the philosophy of science and conduct of scholarly applied research is fundamental for undertaking high-quality research. This course introduces students to the philosophy of scientific inquiry, common research approaches (e.g., quantitative, qualitative) and common epistemological perspectives (e.g., positivistic, interpretative, and critical research). The trade-off between scientific rigor and practical relevance is covered with emphasis on conducting rigorous research with practical implications. Students are introduced to practical issues about undertaking applied research, such as identifying a research topic, forming research questions, conducting literature review, and developing a plan for actual fieldwork and data collection. Finally, the course aims at helping students identify a personal interest in a particular type and area of applied research to undertake specific projects during their tenure as the doctoral program.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9023. Real Estate Finance. 3 Credit Hours.

This course explores real estate finance and quantitative methods that are used in the valuation of real estate. Students develop an understanding of real estate financing and valuation as well as related topics such as underwriting, risk analysis, and financial leverage. In addition, students learn about the mortgage market and the securitization process for residential and commercial mortgages. The course also includes analysis of both residential and commercial real estate markets.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Degree Restrictions: Must be enrolled in one of the following Degrees: Doctor of Science.

College Restrictions: Must be enrolled in one of the following Colleges: Business & Mngmnt, Fox School.

Repeatability: This course may not be repeated for additional credits.

FIN 9090. Spec Topic Finance. 1 to 6 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

FIN 9183. Directed Study in Fin. 1 to 6 Credit Hour.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.