

Finance

Jonathan Scott, Department Chair

Alter Hall 420
215-204-7605
scottjon@temple.edu

Cindy Axelrod, Deputy Department Chair

Alter Hall 422
215-204-1917
cindy.axelrod@temple.edu

Howard Keen, Undergraduate Core Coordinator

Alter Hall 429
215-204-5990
hkeen@temple.edu

Build a solid foundation of technical and theoretical expertise and prepare to apply an in-demand finance skill set in your career with the **Bachelor of Business Administration (BBA) in Finance** in Temple's Fox School of Business. Some of the most rewarding and challenging careers in the domestic and international corporate community demand a background in finance. The Finance BBA prepares students for exciting and challenging careers with three concentrations: **Banking and Financial Services, Corporate Valuation, and Investment Analysis**. Across these concentrations you will be exposed to an industry-oriented curriculum including The William C. Dunkelberg Owl Fund and the Diamond Bond Fund (both student-run investment funds), have a broad range of electives to choose from, gain exposure to industry-relevant software (e.g., Factset, CapIQ and Bloomberg) and be provided valuable networking opportunities.

As a Finance major you are encouraged to become involved in the Temple Finance Association. This student organization offers the opportunity for Finance majors to attend career development seminars, connect with Fox alumni, gain real-life experience in investment work, and meet business leaders in the finance industry.

Minor

The four-course minor is designed for students interested in obtaining a deeper understanding of the principles of finance and their application to various financial issues facing decision-makers in corporate, financial, and government sectors of the economy. Students majoring in accounting, marketing, real estate, and risk management can benefit from minoring in finance. This minor may be completed online.

Requirements for the minor must be completed prior to graduation. Courses cannot be used to meet minor requirements if already used to meet the requirements for a major or a different minor.

- Banking and Financial Services Concentration
- Corporate Valuation Concentration
- Investment Analysis Concentration

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, 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 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.