FINANCE BUSINESS ADMINISTRATION (FIN)

FIN 300. Fundamentals of Finance for Non-Finance Majors. 3 Credit Hours.
This course provides an overview of modern finance for non-business majors. Topics include: how financial markets work, understanding financial pages in newspapers and the Internet, how stock and bond prices are determined, how investment portfolios are structured, concepts of risk and return, how companies manage their cash and investments and international finance. Not for credit for business students.
Requisite: Non Business Majors.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 302. Fundamentals of Finance. 3 Credit Hours.
Introduction to the basic tools and concepts in finance. This is the core class in finance for our undergraduate program. Topics include the financial framework of a business entity, taxes, the time value of money, capital market theory, financial risk measures, and capital budgeting. Note: to be eligible to major in finance, a student must earn a grade of B or higher in this class (a grade of B- does not qualify).
Prerequisite: ECO 211 and ACC 211 and MAS 201 or MAS 311 or MTH 224 or IEN 311 or IEN 310 or PSY 292.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

FIN 303. Intermediate Financial Management. 3 Credit Hours.
This course provides an overview of financial decision-making by corporations. Building on topics covered in the introductory finance classes, this course develops the foundations of optimal financial policy and applies these principles to corporate financial decision-making involving capital structure, capital budgeting, dividend policy, leasing, securities issuance and the role of investment banks, and mergers and acquisitions. Note: a student must have obtained a B or higher grade in FIN302 to major in Finance. Earning an A in this class or any other class or classes does not eliminate that requirement.
Prerequisite: FIN 302.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 308. Intermediate Financial Management for Entrepreneurs. 3 Credit Hours.
This course is primarily for students majoring in entrepreneurship. It provides an overview of financial decision-making by entrepreneurs. Building on topics covered in the introductory finance classes, this course develops the foundations of optimal financial policy and applies these principles to entrepreneurial financial decision-making involved with such things as capital structure, working capital budgeting, leasing, hedging and risk management, securities issuance and the role of investment banks, and mergers and acquisitions. Note: Students cannot take both FIN 308 and FIN 303, so this class is not open to students who have taken FIN 303.
Prerequisite: FIN 302.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 320. Investment and Security Markets. 3 Credit Hours.
This course introduces students to both practical and theoretical aspects of investment with an emphasis on financial markets. Topics include valuation of financial securities such as stocks, bonds and options; modern portfolio theory; the process and institutional characteristics of investing. Note that this course does not address the details of individual security valuation and selection, i.e., this course is not about stock picking or about how to get rich by investing in the markets. Instead, this course attempts to help you develop a lasting conceptual framework in which to view the investment process and to analyze future ideas and changes in investment environment. This class is essential to any student considering a finance concentration. Note: A student must have obtained a B or higher in FIN302 to major in Finance. Earning an A in this class or any other class or classes does not eliminate this requirement.
Prerequisite: FIN 302.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

FIN 330. International Finance. 3 Credit Hours.
This course applies the principles of finance to international business decisions. Topics include the analysis of foreign exchange rates, balance of payments, characteristics and use of international financial institutions and instruments, the analysis and management of financial risk in the international environment, and financing multinational corporations. Note: a student must have a B or higher in FIN 302 to major in International Finance and Marketing (or Finance). Earning an A in this class or any other class or classes does not eliminate this requirement.
Prerequisite: FIN 302.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.
FIN 340. Real Estate Principles. 3 Credit Hours.
This course provides an introduction to basic principles and fundamental practices in the real estate industry. Students learn how to apply the principles of finance to the real estate industry. Topics include common institutional aspects, brokerage, contracting, financing, ownership, management, valuation, appraisal, and investment analysis.
Prerequisites: FIN 302 or FIN 300.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 344. Real Estate Investment Analysis. 3 Credit Hours.
This course introduces the theoretical concepts and analytical techniques used to make a decision to purchase an ownership interest in a commercial real estate project. There is heavy reliance on Excel applications. Each student will complete a written evaluation and investment analysis of an existing or proposed commercial real estate project in Miami-Dade, Broward or Monroe County.
Prerequisite: FIN 302 and FIN 320 or FIN 303 OR Co-requisite: FIN 320 or FIN 303.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

FIN 347. Introduction to ARGUS. 1 Credit Hour.
ARGUS software is used extensively in the development, financing and management of commercial real estate, especially in the office, industrial and retail sectors. The introduction to ARGUS class exposes the student to the basic concepts and terminology in the commercial real estate market and to the typical inflows and outflows an owner who invests in real estate faces over the life of the investment.
Prerequisite: FIN 302.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 348. Advanced ARGUS. 1 Credit Hour.
At the end of the Advanced ARGUS class the student will be able to assess the viability of detailed rent and operating expense assumptions, make decisions about the impact of financing on investor returns and critically evaluate the investment potential of leveraged office and retail property.
Prerequisites: FIN 302 and FIN 347.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

FIN 355. Smif Fund Analyst I. 1 Credit Hour.
The course is designed to introduce the student to the investment management process, including valuation of publicly traded equities. The course is one credit and meets once a week each semester; students must commit to and enroll in the follow-up class. Admission to the course is through a competitive application process.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 356. Smif Fund Analyst II. 1 Credit Hour.
This course is designed to introduce the student to the investment management process, including valuation of publicly traded equities. The course is one credit and meets once a week each semester. Enrollment in the course is limited.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 404. Applications in Corporate Finance. 3 Credit Hours.
An application of the concepts and tools of corporate finance. Primary emphasis on analyzing real-world cases dealing with liquidity issues, capital budgeting, firm valuation, advanced corporate financing, hedging with options and futures, corporate financial strategy, and other current issues in corporate finance.
Prerequisites: FIN 302, FIN 303.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.
FIN 405. Financial Modeling. 3 Credit Hours.
This course takes a variety of finance topics, which have been covered in the prerequisite courses, and implements them using practical spreadsheet models. Students will use the internet and financial databases to obtain input data for their models. Students will use Visual Basic for Applications (VBA) and design functions and macros to enhance their models. Students must have a solid working knowledge of Windows and Excel, as well as a good understanding of the material taught in the prerequisite finance classes. Students must have a mobile (lap-top) computer with the capability to run Windows-based software.
Prerequisites: FIN 302, FIN 303, FIN 320.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 408. Introduction to Mergers and Acquisitions. 3 Credit Hours.
This course introduces students to the world of mergers and acquisitions (M&A). More specifically, the course is designed to develop an understanding of (i) the economic, financial, and strategic issues involved in the acquisition of a (public or private) company; (ii) the analytical tools used to value an acquisition target; and (iii) academic research that reports results from large samples of M&A deals. Students will apply their understanding of these issues by analyzing various actual and potential acquisitions.
Prerequisites: FIN 302, FIN 303.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

FIN 409. Introduction to Private Equity and Venture Capital. 3 Credit Hours.
In this course, you will learn about the private equity (PE) industry, composed of both venture capital (VC) and buyouts (BO). The focus is on how PE investors evaluate, select, value, and structure deals. This course has several goals. First, the course will deepen your current understanding of corporate finance by applying key concepts and tools to a new and increasingly important industry. Second, the course seeks to introduce you to the institutions of the PE industry. This involves examining, for example, how funds are raised and how term sheets are structured. Finally, a goal is to understand the valuation process used by PE investors.
Prerequisites: FIN 302 and FIN 303 or FIN 308.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 410. Financial Institutions and Markets. 3 Credit Hours.
This course examines financial institutions, such as banks (commercial, investment, mortgage, savings), credit unions, insurance companies, pension funds, and mutual funds and the money markets in which they operate, and focuses on why they exist and how to manage them. Topics include financial intermediation and transmutation, monetary theory and policy, Federal Reserve management of the money supply, velocity of money, fiscal theory and policy, interest rates, and immunization.
Prerequisites: FIN 302 and FIN 320.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 411. Commercial Bank Management. 3 Credit Hours.
This course introduces the theory and practice of asset-liability management by large publicly traded commercial banks, including the fundamental principles of structuring loans into balance sheets. A major objective of this class is to provide students sufficient background to enter the credit department in the executive development program of major money center bank.
Prerequisites: FIN 302 and FIN 320.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 412. Financial Planning and Wealth Management. 3 Credit Hours.
This course examines the investment and financial issues arising from financial planning and personal wealth management activities. It covers various topics required for the construction of a comprehensive financial plan including the identification of client financial status and goals, asset allocation, securities trading, managed funds, tax planning, risk management and insurance, and estate planning.
Prerequisites: FIN 302 and FIN 320.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.
FIN 415. Trading and Markets. 3 Credit Hours.
This course provides an introduction to the functioning of financial markets and the fast changing field of market microstructure. On the equity trading side, the course covers major exchanges such as NYSE Euronext and Nasdaq OMX, and new players such as BATS and Direct Edge/ISE. Students also learn about dark pools, options and futures exchanges, electronic bond trading platforms, and currency trading systems. In addition, the course provides a summary of different market structures, the role of market participants, different order types, trading strategies, and trading externalities. The course draws on theories and tools from economics and behavioral finance, current institutional practices and market regulation.
Prerequisites: FIN 302 and FIN 320.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

FIN 421. Investment Portfolio Management. 3 Credit Hours.
This course provides an introduction to quantitative active management of equity portfolios. The course begins with a discussion on the sources of stock market inefficiencies. The course then covers the five key dimensions of the quantitative portfolio management process: forecasting relative stock returns using quantitative signals, measuring portfolio risk relative to a benchmark, portfolio optimization, controlling transaction costs, and measuring and evaluating portfolio returns. The course focuses on practical application and relies heavily on experiential learning and Excel spreadsheets.
Prerequisites: FIN 302 and FIN 320.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

FIN 422. Speculative Markets and Derivatives. 3 Credit Hours.
This course is an introduction to derivative securities, and examines the nature of derivatives and applications of such instruments in investment and corporate settings. The emphasis is on derivatives of equity-based securities (such as stocks and stock indices), but coverage includes derivatives of debt-based securities (such as Treasury and Eurodollar securities). Topics include options, futures, forwards, and other derivatives, such as options on futures, foreign currency derivatives, swaps, exotic options, real options, as well as financial engineering using derivatives.
Prerequisites: FIN 302, FIN 303, FIN 320.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 423. Introduction to Alternative Investment. 3 Credit Hours.
The objective of this course is to provide an introduction to alternative financial instruments and how capital market participants utilize them. The course covers a large set of investment choices, with a specific focus on fixed income and alternative instruments, such as commodities, interest rates and currency. While covering each instrument, the course also examines with how macro-economic, technological, labor market, taxes and regulatory issues affect specific investment decisions.
Prerequisites: FIN 302 and FIN 320.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

FIN 425. Business and Security Valuation. 3 Credit Hours.
Applications of finance theory to the problem of valuing public and non-public companies. Multiplier models, discounted cash flow analysis, and the strengths and weaknesses of traditional security valuation methods are addressed in detail. Financial spreadsheet programs and data sources are an integral part of the course.
Prerequisites: FIN 302 and FIN 320.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 427. Fixed Income Markets and Analysis. 3 Credit Hours.
This course examines financial markets that trade fixed income securities. A fixed income security is based primarily on a debt contract, such as a bond, debenture, note or Treasury bill. Topics include the valuation, computation of return, and computation of various measures of risk for fixed income securities, as well as the analysis of the term structure of interest rates and various option features commonly included in debt contracts and fixed income securities. Students must have a solid working knowledge of Excel to take this class.
Prerequisites: FIN 302 and FIN 320.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.
FIN 431. International Financial Management. 3 Credit Hours.
This is an advanced class in international finance from the viewpoint of multi-national organizations, including corporations, investment banks, and commercial banks. Topics include managing the various sources of risk, such as economic, political, and currency; cash receivables, inventory, and payables management; financing; transfer pricing; taxation; currency netting; capital budgeting; and hedging.
Prerequisites: FIN 302, FIN 320, FIN 330.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 444. Real Estate Investment Analysis. 3 Credit Hours.
This course introduces the theoretical concepts and analytical techniques used to make a decision to purchase an ownership interest in a commercial real estate project. There is heavy reliance on Excel applications and the use of the Argus database that is a standard resource in the commercial real estate market. Each student will complete a written evaluation and investment analysis of an existing or proposed commercial real estate project in Miami-Dade, Broward or Monroe County.
Prerequisites: FIN 302, FIN 303 or FIN 320.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 445. Real Estate Finance. 3 Credit Hours.
This course introduces the theoretical concepts and analytical techniques used to make a decision to finance the purchase or development of a commercial real estate project. There is heavy reliance on Excel applications and the use of the Argus database that is a standard resource in the commercial real estate market. Students are also encouraged to use their semester projects to apply for one of the numerous case competitions.
Prerequisite: FIN 344.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

FIN 446. Real Estate Market Analysis. 3 Credit Hours.
This course is an introduction to the fundamental concepts of real estate market analysis. The major topics to be covered include site analysis, economic-demographic, supply and demand analyses. This course shall also include a global prospective of real estate market analysis. This shall be accomplished by means of conducting portions of a market analysis for foreign cities of your individual choosing.
Prerequisite: Or Corequisite: FIN 344.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 456. Behavioral Finance. 3 Credit Hours.
The goal of this course is to expose you to selected topics from the upcoming field of behavioral finance. This will include a discussion of prospect theory and different types of behavioral biases such as representativeness, disposition effect, overconfidence, narrow framing, familiarity bias, and the house-money effect. In addition, the course will cover the implications of behavioral biases for asset pricing, corporate finance, and the overall macro-economy. Simple experiments will be conducted in class to illustrate some key behavioral concepts.
Prerequisites: FIN 302, FIN 303, FIN 320.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

FIN 457. Smif Fund Portfolio of Instructor. 1 Credit Hour.
The course is designed to introduce the student to the investment management process, including the tools used to compose a diversified portfolio that covers each of the major industrial sectors. The course is one credit and meets once a week each semester. Enrollment in the course is limited.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 458. Smif Fund Portfolio Manager II. 1 Credit Hour.
The course is designed to introduce the student to the investment management process, including the management of an investment organization and the evaluation of portfolio performance. The course is one credit and meets once a week. Enrollment in the course is limited.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.
FIN 496. Directed Studies in Finance. 1-3 Credit Hours.
Supervised readings, individual research project, or independent investigation of selected non-STEM related problems in the discipline. Offered only by special arrangement with supervising faculty member, who approves topic and evaluation process at time of registration.
Components: THI.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 497. Directed Studies in Finance. 1-3 Credit Hours.
Supervised readings, individual research project or independent investigation of selected STEM related problems in the discipline. Offered only by special arrangement with supervising faculty member, who approves topic and evaluation process at time of registration.
Components: THE.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 498. Special Topics in Finance. 3 Credit Hours.
Special topics in selected non-STEM areas of Finance.
Requisite: Sophomore Standing or Higher.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 499. Special Topics in Finance. 3 Credit Hours.
Special topics in selected STEM areas of Finance.
Requisite: Sophomore Standing or Higher.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 555. Finance Departmental Honors Research Project. 3 Credit Hours.
Research project to fulfill requirements for Departmental Honors in Finance.
Components: THI.
Grading: SUS.
Typically Offered: Offered by Announcement Only.

FIN 602. Fundamentals of Finance. 3 Credit Hours.
This is a core MBA course in our executive MBA program, devoted primarily to the area of finance. No prior background in finances is assumed. The course objective is to provide students with a conceptual framework for appreciating and understanding the problems facing the financial manager.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

FIN 603. Advanced Corporate Finance. 3 Credit Hours.
Applications in corporate finance. This class builds on the core MBA courses in our executive MBA program, especially Fundamentals of Finance (Finance 602). Topics include working capital management, financial planning, basic option valuation, agency theory, capital structure management, mergers and acquisitions, liabilities management and leasing. Note: required for Finance concentration.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

FIN 613. Intermediate Corporate Finance and Investments. 4 Credit Hours.
Prerequisite: BUS 640.
Components: DIL.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

FIN 614. International Finance, Valuation, and Financial Statement Analysis. 4 Credit Hours.
Prerequisites: BUS 640 and FIN 613.
Components: DIL.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

FIN 615. Financial Decision Making. 4 Credit Hours.
Prerequisites: BUS 640 and BUS 613 and FIN 614.
Components: DIL.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.
FIN 616. Advanced Corporate Finance. 4 Credit Hours.
Prerequisites: BUS 640 and BUS 613 and FIN 614.
Components: DIL.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

FIN 617. Derivatives and Financial Modeling. 4 Credit Hours.
Prerequisites: BUS 640 and BUS 613 and FIN 614.
Components: DIL.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

FIN 618. Quantitative Finance and Microstructure. 4 Credit Hours.
Prerequisites: FIN 613 and FIN 614.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

FIN 619. Advanced Portfolio Management and Alternative Investments. 4 Credit Hours.
Prerequisites: FIN 613 and FIN 614.
Components: LEC.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

FIN 620. Investment Analysis. 3 Credit Hours.
This course deals with theory and application of investment analysis. Topics include general stock trading, portfolio and risk-return theory, models of stock valuation, portfolio diversification, market efficiency, options and futures, bond valuation and bond portfolio strategy, general commodity investing, and personal financial planning.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

FIN 621. Portfolio Construction and Management. 3 Credit Hours.
The evolution of portfolio theory and practice and its role in modern investment management. Individual constraint models within the general capital market theory are included as well as empirical evidence, theoretical discussion, and practical exercises.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 622. Financial Options and Futures. 3 Credit Hours.
Study of the theoretical development of models for pricing contingent claims in the field of finance. Application of theoretical results to the hedging of current and future assets and liabilities and to speculative strategies for the risk-averse, profit-maximizing entity are included.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 630. International Finance. 3 Credit Hours.
The financing of international trade and capital placements. Restrictions on capital retrieval and problems of international liquidity related to the U.S. and non-U.S. firms is discussed as well as current developments in international banking, theory, and policy. Cases involving foreign capital commitments and transactions, especially Latin America are also included.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 631. International Financial Management. 3 Credit Hours.
Sources and uses of long and short term capital for international business applications and foreign currency markets. Financial decisions associated with international cash and capital budgeting, capital repatriation and taxation strategies, capital exposure and coverage, and multinational firm financial strategies are discussed. Lectures and cases are included.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.
FIN 641. Valuation and Financial Decision Making. 2 Credit Hours.
Basic financial valuation. This is one of the core classes in finance for our regular MBA program. Topics include the financial environment; the time value of money; capital market efficiency; basic security valuation; risk, return and asset pricing; cost of capital; and an introduction to capital budgeting.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 642. The Financial Environment. 2 Credit Hours.
A continuation of FIN 641, with an emphasis on important issues faced by corporate financial managers responsible for financing and investment decisions. Core topics include capital structure, payout policy, advanced capital budgeting, basic derivative and real option valuation, leasing, and investment banking. Specialized topics, such as behavioral finance, international finance, mergers and acquisitions, and risk management may also be introduced as the course progresses.
Prerequisite: FIN 641.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 643. Quantitative Finance and Market Microstructure. 2 Credit Hours.
This course aims to give simple yet useful quantitative finance tools, and a broad overview of the functioning of modern financial markets, to students wishing to broaden their knowledge of finance. The first part of the course exposes students to the microstructure of financial markets. We will learn about different trading mechanisms encountered in financial markets today, how information affects prices and liquidity, what algorithms practitioners use to implement their trading strategies, and some basic models of how dealers react to information. The second part of the course introduces students to statistical models commonly encountered in quantitative finance. We'll have a hands-on approach, and learn how to estimate the models with real financial data using Excel and the statistical software R.
Prerequisite: FIN 642 or FIN 602.
Components: LEC.
Grading: GRD.
Typically Offered: Fall Spring.

FIN 644. Real Estate Investment and Appraisal. 2 Credit Hours.
This course will introduce students to the theoretical concepts and analytical techniques used to make a decision to purchase an ownership interest in a commercial real estate project. There is heavy reliance on Excel applications and the use of the ARGUS software that is a standard resource in the commercial real estate market.
Prerequisite: FIN 641.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

FIN 645. Real Estate Finance. 2-3 Credit Hours.
This course will introduce students to the theoretical concepts and analytical techniques used to make a decision to loan money for the purchase or development of a commercial real estate project. Students will complete projects that require them to evaluate the financing and investment potential of a small commercial site of their choice and to evaluate a lease vs. buy decision using a plot of land in Miami-Dade County from the perspective of a publicly-traded corporation.
Prerequisite: FIN 641.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

FIN 646. Real Estate Market Analysis. 2 Credit Hours.
The course aims to provide students with an understanding of the functioning of markets for urban space, and their role in real estate investment decisions. The course first treats urban-economic processes involved in the determination of prices for space, in a theoretical and empirical context. This economic understanding is then put to use on several case studies of market- and site- analysis for various land uses.
Prerequisite: FIN 641.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.
FIN 647. Introduction to ARGUS. 1 Credit Hour.
ARGUS software is used extensively in the development, financing and management of commercial real estate, especially in the office, industrial and retail sectors. The introduction to ARGUS class exposes the student to the basic concepts and terminology in the commercial real estate market and to the typical inflows and outflows an owner who invests in real estate faces over the life of the investment.
Requisite: Limited to Accelerated Real Estate MBA Students.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 648. Advanced ARGUS. 1 Credit Hour.
At the end of the Advanced ARGUS class the student will be able to assess the viability of detailed rent and operating expense assumptions, make decisions about the impact of financing on investor returns and critically evaluate the investment potential of leveraged office and retail property.
Prerequisite: FIN 647.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

FIN 649. Non-Profit Consulting Project. 1-4 Credit Hours.
This course is designed for students completing the Accelerated MBA in Real Estate. The course allows graduate students in real estate to synthesize and apply the concepts learned in real estate coursework to a real-life problem where the results will benefit a local organization in the non-profit sector. The supervising professor guides the students' efforts but the course topics and resources are driven by client needs and students skills.
Requisite: Limited to Accelerated Real Estate MBA Students.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

FIN 650. Financial Investment. 2 Credit Hours.
This course builds on FIN 641 and FIN 642 to provide a more advanced knowledge of the field of investments, particularly important statistical concepts for investments, portfolio construction, asset pricing, and behavioral biases affecting financial decisions. The course is quantitative and introduces students to Excel as a tool to form and rebalance portfolios.
Prerequisite: FIN 642 or FIN 602.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 651. Advanced Topics in Investments. 2 Credit Hours.
The course provides an introduction to quantitative active management of equity portfolios. The course begins with a discussion of market (in)efficiency, then covers the five key dimensions of the quantitative portfolio management process: using signals ("factors") to forecast returns; measuring risk; portfolio optimization; controlling costs; and performance evaluation.
Prerequisite: FIN 650.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 652. Fixed Income Securities. 2 Credit Hours.
This course builds on FIN641/642 (or BUS640) and FIN650 and covers trading and valuation of a wide variety of fixed income securities including corporate, municipal, and Treasury pure discount bonds, coupon bonds, floating rate notes, bond embedded options, mortgages, interest rate swaps, currency swaps, equity swaps, and interest rate options. The course focuses on analytic tools used in bond portfolio management and interest rate risk management. These tools include spot rates, forward rates, credit spreads, duration and convexity, yield curve construction, and term structure models.
Prerequisite: FIN 642 or FIN 602 or FIN 650.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

FIN 653. Alternative Investments. 2 Credit Hours.
The course provides an advanced theoretical and practical understanding of various alternative investment strategies, with a specific focus on currency markets, derivatives (e.g., interest rate and credit derivatives), venture capital and private equity investments, and real estate investments. The course also examines how macro-economic, technological, labor market, taxes and regulatory issues affect specific investment decisions. In addition, the students learn about valuation, investment and risk management strategies of sophisticated investors and recent chronology of events that affect market participants.
Prerequisites: FIN 641 and FIN 642 and FIN 650.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.
FIN 655. Smif Fund Analyst I. 1 Credit Hour.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 656. Smif Fund Analyst II. 1 Credit Hour.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 657. Smif Fund Portfolio Manager I. 1 Credit Hour.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 658. Smif Fund Manager II. 1 Credit Hour.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 660. International Finance. 2 Credit Hours.
This course builds on FIN 641 and 642, and introduces students to the concepts that are important in today's dramatically changing global economy. The course covers the international monetary system; the interrelationship between national economies through the balance of payments; the economic relationships that determine a currency's value relative to other currencies and influence international trade and cross-border investment; the foreign exchange market structure and instruments; and the international debt and equity markets.
Prerequisite: FIN 642 or FIN 602 or BUS 630.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 661. Advanced Topics in International Finance. 2 Credit Hours.
This course builds directly on FIN 660 using a variety of techniques, including group projects and class discussion. A number of special topics are covered such as financing the multinational firm, currency swaps, international portfolio investment, international asset pricing, multinational capital budgeting and cross-border investment, and measuring and managing the many additional risk exposures faced by a multinational enterprise.
Prerequisite: FIN 660.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 663. Ad Corporation Fin. 3 Credit Hours.
Components: LEC.
Grading: GRD.

FIN 668. Wealth Management and Financial Planning. 1-4 Credit Hours.
This course examines the investment and financial issues arising from financial planning and personal wealth management activities. It covers various topics required for the construction of a comprehensive financial plan including the identification of client financial status and goals, asset allocation, securities trading, managed funds, tax planning, risk management and insurance, and estate planning.
Prerequisite: FIN 641 and FIN 642.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 670. Corporate Finance. 2 Credit Hours.
The course serves as a complement and supplement to 641 and 642 and builds up to more advanced topics in corporate finance. The course will quickly review some basic concepts like net present value and build up to special topics like real options, valuation, mergers and acquisitions and corporate governance. The main objective of the class is that students understand basic corporate finance concepts as well as develop a good understanding of how complicated firm level decisions are made.
Prerequisite: FIN 642 or FIN 602 or BUS 630.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.
FIN 671. Advanced Topics in Corporate Finance. 2 Credit Hours.
This course builds directly on FIN 670 and on the MBA core classes, FIN 641 and FIN 642, and relies mainly on the analysis and vigorous class discussion of a variety of real-world cases. The cases cover a broad range of topics, including short-and long-term financing, capital budgeting decisions, corporate valuation, hedging with options and futures, dividend policy and share repurchases, corporate financial strategy, IPOs, environmental considerations, and other current issues in corporate finance.
Prerequisite: FIN 670.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 674. Financial Analysis of Mergers and Acquisitions. 2 Credit Hours.
This course is designed to develop an understanding of (1) the economic and financial issues involved in the acquisition of a company; (2) the analytical valuation tools used to evaluate an acquisition; and (3) potential and empirical stock market reaction to an acquisition. Students are then asked to apply their understanding of the issues to analyze cases involving various aspects of acquisition.
Prerequisite: FIN 670.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

FIN 679. Private Equity and Venture Capital. 2 Credit Hours.
This course will cover the private equity (PE) industry, composed of both venture capital (VC) and buyouts (BO). The course will provide students with an understanding of corporate finance by applying central concepts and tools to a new and increasingly important industry. The course will also introduce students to the institutions of the PE industry and the valuation process used by PE investors.
Prerequisite: FIN 670.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

FIN 680. FinTech. 2-3 Credit Hours.
This course introduces students to Fintech, the emerging world of applications, concepts, developments, business models, and companies at the interface of Finance and Technology. The course format is a mixture of lecture and seminar-style student presentations. It covers the main Fintech areas like Peer-to-Peer-Lending, Crowdfunding, Mobile Payment Systems, Cryptocurrencies and ICOs, Robo Advising, Insurtech (insurance technology), and RegTech (regulatory technology). A special emphasis is given to how and by whom these emerging technologies are currently used, and how they may potentially change the landscape of finance and financial services in the future.
Prerequisite: BUS 640.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 681. Financial Institutions. 2 Credit Hours.
This course focuses on the management of financial institutions, such as mutual funds, banks, hedge funds, and finance office of large corporations. Topics include risk management, deposits and deposit insurance, liquidity, reserve requirements, capital adequacy, liability management, investment interest rate risk, and current issues connected with financial institutions.
Prerequisite: FIN 642 or FIN 602 or BUS 630.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 683. Financial Modeling. 2 Credit Hours.
This course takes a variety of finance topics and implements them using practical spreadsheet models. Students are presumed to have a working knowledge of Windows and Excel, as well as a good understanding the material taught in the core finance classes. Topics include Time Value of Money, Capital Budgeting, Pro-Forma Financial Statements, Bond Analysis, and Portfolio Construction and Optimization. This course will meet in a "computer lab" (a classroom) for hands-on instruction. The course is structured as a "flipped" classroom, so lectures and learning materials are online and practice an application are done in the classroom. It is therefore extremely important that students are prepared for class each meeting day.
Prerequisite: FIN 642 or FIN 602 or BUS 630.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.
FIN 685. Mathematics of Financial Derivatives. 2 Credit Hours.
This course builds on Finance 650 and 670. This course provides an in-depth mathematical treatment of derivatives and is divided into three parts: (1) options; (2) futures and forwards; and (3) other derivative instruments, which include options on futures, foreign currency derivatives, swaps, exotic options, and financial engineering. The emphasis is placed on equity instruments, although there is also some coverage of short- and long-term interest bearing instruments.
Prerequisite: FIN 650. and FIN 670.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 686. Financial Decision Making. 2 Credit Hours.
The goal of this course is to use decision-making theory to better understand why investors, money managers, and corporate managers often make suboptimal economic and financial decisions. The first part of the course focuses on the basic techniques and models that a manager or an investor can use to make effective financial decisions. The second part of the course focuses on the psychological, social, and cultural determinants of suboptimal investor and managerial behavior. In addition, the course examines the impact of those mistakes for financial markets (e.g., price bubbles) and the overall economy. The course should be useful to individuals who work in a corporate setting or at a money management firm (mutual funds, hedge funds, pension funds, etc.).
Prerequisite: FIN 650. and FIN 670.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

FIN 688. Selected Topics in Finance. 1-3 Credit Hours.
Topics in selected areas of specialization.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 698. Directed Readings and Study. 1-3 Credit Hours.
Individually supervised research or reading projects in selected fields. Evaluation of project and subject by the supervising professor is required at the time of registration.
Components: THI.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 705. Financial Economics I. 3 Credit Hours.
This course is an introductory Ph.D. level course on the fundamental theories of asset pricing. Specifically, it consists of three parts. The first part focuses on individual choice under uncertainty. The second part develops equilibrium asset pricing theories, which include mean variance efficiency and the Capital Asset Pricing Model (CAPM), as well as the Arbitrage Pricing Theory (APT). The third part reviews recent development in asset pricing by introducing some stylized facts and new theories.
Requisite: Limited to Business PhD Students.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 706. Theory of Corporate Finance. 3 Credit Hours.
The aim of this course is to expose students to some of the important papers that constitute the theoretical foundations of corporate finance. The course will try to give students a working understanding of the key papers and give them a flavor of the techniques for setting up and solving models, which they could possibly apply in their own research. The course will cover classic Corporate Finance papers and recent contributions in the areas of financial contracting control and corporate governance. The later part of the course leans more towards empirical work and discusses the connections and gaps between theoretical and empirical corporate literature.
Prerequisite: FIN 705.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 707. Empirical Methods in Finance. 3 Credit Hours.
The objective of this course is to give you an introduction to empirical research in finance. This class is not designed like an econometrics class where the emphasis is the statistical specification of tests and the derivation of underlying asymptotics. The focus in this class is the understanding of the technique and the actual implementation in finance. The goal is to provide you with a toolbox of techniques that you can use to answer empirical questions in corporate finance and asset pricing.
Prerequisite: FIN 705.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.
FIN 708. Financial Economics II. 3 Credit Hours.
This is a second course on asset pricing. The class is divided into two independent modules. The first module covers discrete time asset pricing models with frictions. These frictions include, among others, asymmetric information, slow-moving capital, delegated portfolio management, and short-sale constraints. The second module is an introduction to continuous time finance. Topics include introduction to stochastic calculus, derivative pricing and hedging, optimal portfolio choice, and equilibrium asset pricing.
Prerequisite: FIN 705.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 709. Behavioral Finance. 3 Credit Hours.
The aim of this course is to expose students to some of the important papers that constitute the theoretical foundations of corporate finance. The course will try to give students a working understanding of the key papers and give them a flavor of the techniques for setting up and solving models, which they could possibly apply in their own research. The course will cover classic Corporate Finance papers and recent contributions in the areas of financial contracting control and corporate governance. The latter part of the course leans more towards empirical work and discusses the connections and gaps between theoretical and empirical corporate literature.
Prerequisite: FIN 705.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

FIN 715. Pe-Seminar Doctoral Students Workshop in Finance. 1 Credit Hour.
This course provides Finance PhD students an opportunity to i) discuss influential and well-cited research papers in financial economics, ii) incorporate contemporary finance research into their knowledge base, and iii) improve their research presentation skills.
Prerequisite: FIN 705.
Components: RSC.
Grading: GRD.
Typically Offered: Fall & Spring.

FIN 825. Comprehensive Test Preparation. 1-3 Credit Hours.
Doctoral students who are preparing for their qualifying examinations may use this course designation. Enrolled students must develop, with the approval of their advisor, a "Plan of Study" for these credits.
Components: THI.
Grading: SUS.
Typically Offered: Fall & Spring.

FIN 830. Pre-Dissertation Research. 1-6 Credit Hours.
For Finance PhD students currently writing their dissertation.
Requisite: Finance PhD Student.
Components: RSC.
Grading: SUS.
Typically Offered: Offered by Announcement Only.