

FIN-FINANCE

FIN 2970 Special Topics/Seminar 1-3 Credit Hours

Special Topics. 1 to 3 hours. May be repeated; Maximum credit nine hours. Special topics course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research, and field projects. (Irreg.)

FIN 3133 International Financial Management for Non-Majors 3 Credit Hours

Prerequisite: Student must be approved for degree candidacy by Price College, 3303. This class will study the fundamentals of international finance including the international monetary system, the balance of payments, and the market for foreign exchange. The course examines international financial markets, and the opportunities they provide for investment and risk management. The financial instruments used for these purposes will also be emphasized including currency options, forwards, futures, and swaps as well as bonds and equities. This class is strictly for non finance majors. (F, Sp)

FIN 3203 Principles of Insurance 3 Credit Hours

Prerequisite: student must be approved for degree candidacy by Price College. The course is built to introduce students to how individuals and organizations assess and manage risk with special focus on insurance. No previous knowledge of risk management is required. The course will cover principles of risk management, insurance companies and markets, underwriting and pricing, industry structure and regulation. (F, Sp)

FIN 3303 Business Finance 3 Credit Hours

Prerequisite: Accounting 2113, 2123, and Economics 1113, 1123 and 2843. An introductory course in financial administration of the firm. Topics include the finance function, concepts of sources and uses of funds, analysis and estimation of need for funds (short- and long-term), short-term sources, working capital management policy, long-term sources, capital structure policy and implementation, capital budgeting and the cost of capital. (F, Sp, Su)

FIN 3403 Financial Intermediaries and Markets 3 Credit Hours

Prerequisite: Economics 1113 and 1123. Investigates the determination of the level of domestic rates of interest and their implications for international currency markets. Describes the important financial institutions in U.S. financial markets. Details the structure of interest rates. Analyzes the behavior of fixed income prices. Discusses techniques of domestic and international institutions to immunize portfolios. (F, Sp, Su)

FIN 3440 Mentored Research Experience 3 Credit Hours

0 to 3 hours. Prerequisites: ENGL 1113 or equivalent, and permission of instructor. May be repeated; maximum credit 12 hours. For the inquisitive student to apply the scholarly processes of the discipline to a research or creative project under the mentorship of a faculty member. Student and instructor should complete an Undergraduate Research & Creative Projects (URCP) Mentoring Agreement and file it with the URCP office. Not for honors credit. (F, Sp, Su)

FIN 3453 Financial Modeling and Analysis in Excel 3 Credit Hours

Prerequisite: Finance and Risk Management majors only; degree candidacy; FIN 3303. The application of quantitative financial concepts through extensive use of Excel. Students will become proficient in the use of Excel, will have a working knowledge of quantitative concepts used in financial modeling, and will be able to apply these skills in building and solving financial models. (F, Sp)

FIN 3503 Investments 3 Credit Hours

Prerequisite: Student must be approved for Degree Candidacy by Price College, FIN 3303, FIN 3703 or 3453, or concurrent enrollment in FIN 3453; graduate students: permission of CBA Graduate Programs. Topics covered include the structure and operation of securities markets, introduction to portfolio management and capital market theory, the valuation of common stocks and fundamental analysis, determinants of option prices, the determinants of future prices, portfolio performance measurement and risk management, international portfolio management and international investing. Computer exercises are required. (F, Sp)

FIN 3513 Entrepreneurial Finance 3 Credit Hours

Prerequisite: student must be approved for degree candidacy by Price College, ENT 3113 or concurrent enrollment, FIN 3303 or concurrent enrollment. Not open to Finance majors. Covers various aspects of financing entrepreneurial ventures. Topics will include methods of financing, techniques for valuing new businesses and financial structure. Funding sources examined will include commercial banks, small business investment companies, SBIC, business angles and venture capital companies. These processes are often referred to as sourcing, diligence and valuation. (Irreg.)

FIN 3603 Advanced Corporate Finance 3 Credit Hours

Prerequisite: student must be approved for degree candidacy by Price College and FIN 3303. Development of theory and applications of financial management of the firm with both domestic and international investment decisions, structure and cost of capital, working capital management, dividend policy, long term financial planning and forecasting. The course emphasizes the development of problem solving skills and the use of computerized financial modeling. (F, Sp)

FIN 3960 Honors Reading 1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to Honors Program and approval for Degree Candidacy by Price College. May be repeated; maximum credit three hours. Provides an opportunity for the gifted Honors candidate to study materials not usually presented in regular courses. (F, Sp, Su)

FIN 3970 Honors Seminar 1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to Honors Program. May be repeated; maximum credit six hours. Subjects covered vary. Deals with concepts not usually treated in regular courses. (Irreg.)

FIN 3980 Honors Research 1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to Honors Program; junior standing. May be repeated; maximum credit six hours. Independent research on special projects. (F, Sp, Su)

FIN 3990 Independent Study 1-3 Credit Hours

1 to 3 hours. Prerequisite: permission of instructor and junior standing. May be repeated once with change of content. Independent study may be arranged to study a subject not available through regular course offerings. (F, Sp, Su)

FIN 4113 Derivative Securities and Markets 3 Credit Hours

(Slashlisted with FIN 5113) Prerequisite: FIN 3503; student must be approved for degree candidacy by Price College. Uses of futures, option, and swap contracts in investments, banking, business finance, and foreign trade. Topics include valuation, trading mechanics and strategies, and applications. Hedging foreign currencies is included. The course is math and computer intensive. No student may earn credit for both 4113 and 5113. (F, Sp)

- FIN 4133 International Financial Management 3 Credit Hours**
Prerequisite: FIN 3503; student must be approved for degree candidacy by Price College. Provides the student with the analytical tools needed to evaluate and provide solutions for problems that are commonly encountered in international financial management. Emphasizes basic theoretical models of exchange rate determination and hedging exchange rate risk, international financial transactions, the link between a nation's macroeconomic accounts and its balance of payments accounts, privatization of state-owned enterprises, and international banking. (Irreg.)
- FIN 4403 Advanced Topics in Investments 3 Credit Hours**
Prerequisite: FIN 3503; student must be approved for degree candidacy by Price College. An advanced course providing in-depth analysis of portfolio management and strategic asset allocation; fund performance measurement; coverage of alternative investments (such as real estate, private equity and venture capital); analyzes activities of hedge funds, closely-held companies and inactively traded securities; discusses investing in financially distressed firms; and covers investing in commodities. (F, Sp)
- FIN G4413 Commercial Banking 3 Credit Hours**
Prerequisite: FIN 3303 and FIN 3403; student must be approved for degree candidacy by Price College. Financial management of the banking firm including analysis of bank financial performance, bond portfolio analysis, interest rate risk management, capital management, cost of funds, and loan administration. Regulation of the banking system is discussed as is competition from foreign banks. A computerized bank simulation game is used and international aspects of financial markets are discussed. (F, Sp)
- FIN 4513 Financial Risk Management 3 Credit Hours**
Prerequisite: Student must be approved for degree candidacy by Price College; FIN 3503. Emphasizes financial and commodity derivative securities and their use as risk management tools. Emphasis on the commodity side is given to energy related products. A financial market simulator will be used to develop students' trading and valuation skills. (Sp)
- FIN 4533 Corporate Risk Management 3 Credit Hours**
Prerequisite: student must be approved for degree candidacy by Price College, all 3000-level Business core courses, FIN 4113 and FIN 4513. The second course in the sequence of two courses. Builds on the content of Derivatives and Financial Risk Management to explore in-depth the areas of risk and credit derivatives, corporate hedging with derivatives, Enterprise Risk Management, risk monitoring and validation. Discusses hedge fund strategies and risk management issues for hedge funds and private equity. (F, Sp)
- FIN 4543 Financial Trading Strategies 3 Credit Hours**
Prerequisite: FIN 3503; student must be approved for degree candidacy by Price College. Focus is on practical application of theoretical models of pricing and valuation in finance. In addition to learning about trading in general (market structure, trading mechanics, and trading environment and regulation), students will also learn to trade based on their knowledge of various topics: asset allocation, equity valuation, mergers and acquisitions, fixed income valuation and risk, and derivative securities. (F, Sp)
- FIN 4613 Student Investment Fund 3 Credit Hours**
(Slashlisted with FIN 5613) Prerequisite: FIN 3503; Departmental Permission; student must be approved for degree candidacy by Price College. The management of a real dollar portfolio of common stocks using the value style approach. Emphasis is on the application of fundamental analysis. Frequent class presentations are required. No student may earn credit for both 4613 and 5613. (F, Sp)
- FIN 4700 Internship in Finance 1-3 Credit Hours**
1 to 3 hours. Prerequisite: FIN 3303; departmental permission; student must be approved for degree candidacy by Price College. Academic projects in the business world applied to practical on-the-job situations. (F, Su)
- FIN 4713 Fixed Income Securities and Markets 3 Credit Hours**
(Slashlisted with FIN 5713) Prerequisite: student must be approved for degree candidacy by Price College; FIN 3503. Students are involved in the management of a fixed income (bond) portfolio. Emphasis is given to the analytics of fixed income security valuation, and the analysis of investment opportunities. No student may earn credit for both 4713 and 5713. (F)
- FIN 4960 Directed Readings 1-4 Credit Hours**
1 to 4 hours. Prerequisite: good standing in University; permission of instructor and dean. May be repeated; maximum credit four hours. Designed for upper-division students who need opportunity to study a specific problem in greater depth than formal course content permits. (Irreg.)
- FIN 4970 Special Topics/Seminar 1-3 Credit Hours**
1 to 3 hours. Prerequisite: Senior standing or permission of instructor. May be repeated; maximum credit nine hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research and field projects. (Irreg.)
- FIN G4990 Special Studies 1-3 Credit Hours**
1 to 3 hours. Prerequisite: FIN 3303; Departmental Permission; student must be approved for degree candidacy by Price College. The only passing grade given is the neutral grade of S. (F, Sp, Su)
- FIN 5103 Investments 3 Credit Hours**
Prerequisite: Permission (Director, CBA Graduate Programs). Topics covered include the structure and operation of securities markets, introduction to portfolio management and capital market theory, the valuation of common stocks and fundamental analysis, determinants of option prices, the determinants of future prices, portfolio performance measurement and risk management, international portfolio management and international investing. Computer exercises are required. (F, Sp)
- FIN 5113 Derivative Securities and Markets 3 Credit Hours**
(Slashlisted with FIN 4113) Prerequisite: 5043 or Business Administration 5283. Uses of futures, option, and swap contracts in investments, banking, business finance, and foreign trade. Topics include valuation, trading mechanics and strategies, and applications. Hedging foreign currencies is included. The course is math and computer intensive. No student may earn credit for both 4113 and 5113. (Sp)

FIN 5162 Energy Assets and Commodities: Financial Instruments, Pricing and Trading 2 Credit Hours

Prerequisite: Graduate standing in Price College of Business and FIN 5322. Corequisite: B AD 5142. Provides a comprehensive and in-depth review of the market for energy assets and commodities: including trading platforms, pricing issues, forecasting, role and linkage with associated futures, forwards and options contracts, study of "basis" and spreads, and hedging strategies. The course will be anchored solidly within a theoretical conceptual framework and be supported with relevant case studies. (F)

FIN 5302 Financial Markets and Securities 2 Credit Hours

Prerequisite: ACCT 5202 and graduate standing. The aim of this course is to provide a strong foundation for an understanding of financial markets and the main types of securities traded in these markets. The topics covered in the course include trading structure, present value calculations, risk and return, portfolio theory, asset pricing models, market efficiency and an introduction to the nature and valuation of equities, bonds, futures, and options. The course will strike a balance between the theoretical paradigms and the empirical literature, and the important links between theory and the real world. The emphasis will be both on principles and on problem solving. The lectures and examinations will focus both on quantitative and conceptual foundations. (Irreg.)

FIN 5303 Advanced Corporate Finance 3 Credit Hours

Prerequisite: graduate standing and permission of department. Development of theory and applications of financial management of the firm with both domestic and international investment decisions, structure and cost of capital, working capital management, dividend policy, and long term financial planning and forecasting. The course emphasizes the development of problem-solving skills and the use of computerized financial modeling. (Irreg.)

FIN 5312 Corporate Finance 2 Credit Hours

Prerequisite: graduate standing and 5302. This course aims to provide students with the basic analytical and conceptual skills required in the modern practice of corporate financial management. Students enrolled in this class will already have been exposed to the concepts of risk and return, the determination of financial security prices, and models useful in predicting the required returns demanded by investors. In addition, students enrolled in this class will already have been exposed to the fundamentals of financial statements and the analysis of such statements. The course will focus on three key areas of financial management: (1) the optimal allocation of capital; (2) the optimal choices for raising capital; (3) the optimal management of risk in conjunction with (1) and (2). The course includes application of finance theory to solving real business problems, and emphasizes the importance of technology and globalization to the modern practice of finance. (Irreg.)

FIN 5322 Derivative Securities and Markets 2 Credit Hours

Prerequisite: graduate standing and 5302. Derivative securities, such as futures, forwards, option, and swaps are studied and analyzed along with their uses in investments, banking, portfolio management, and risk management by non-financial businesses. We will study how futures, swap, and option contracts are constructed, how they are valued and how they are used for speculation, hedging, and risk management. Particular attention is paid to energy derivatives and especially natural gas derivatives. (Irreg.)

FIN 5332 Risk Management and Financial Engineering 2 Credit Hours

Prerequisite: graduate standing, FIN 5322. Sequel to 5322. Emphasis is on applications, risk measurement and management (including risk management using derivatives) and using option modeling in firm decision making. The four main topic areas (in order covered) are: (1) derivatives and financial engineering (continuation of 5322), (2) real options, (3) measuring and managing risk, and (4) examination of corporate failures attributable to derivatives. As in 5322, particular attention is paid to the energy industry and especially the natural gas industry. (Irreg.)

FIN 5342 Advanced Corporate Finance 2 Credit Hours

Prerequisite: graduate standing and 5312. This course is intended for students aspiring to careers in financial management in corporations, banks and other financial institutions. It is designed to strengthen the corporate finance framework developed in 5312 (Corporate Finance) and extend it into the realm of real world applications. The course will cover a broad range of topics that are relevant to the corporate financial management function, including advanced capital project evaluation, financing, dividends and other corporate financial decisions, corporate risk management, and mergers, acquisitions and corporate restructuring. While the course will be rigorous and solidly grounded in the conceptual aspects of corporate finance, including current research. The course will provide a thoroughly applied perspective on the topics covered. (Irreg.)

FIN 5352 International Financial Management 2 Credit Hours

Prerequisite: graduate standing, 5302 and 5312. This course will provide an integrated perspective on the topics of foreign currency and exchange rates, international financial linkages, international financial markets, and investment, financing and risk management in a global context. The first half of the course develops the analytical framework required for understanding the interactions between exchange rates, and cross-border trade and capital flows, inflation, interest rates, economic growth, and government policy. This framework will be used to study exchange rate systems and policies, and their implications, especially in the context of recent exchange rate developments. Related topics such exchange rate determination and forecasting will also be discussed. The second half of the course examines international financial markets, and the opportunities they present for achieving risk management, financing, and investment objectives. The principal focus will be on financial instruments used for these purposes in international financial markets. (Irreg.)

FIN 5362 Fixed Income Securities and Markets 2 Credit Hours

Prerequisite: graduate standing and FIN 5302. The aim of this course is to develop an intellectual and practical understanding of the principles governing the valuation of fixed income securities and their derivatives, the main problems and issues relevant in the management of interest rate risk, and the organization and structure of debt markets, all from the perspective of fixed income fund management. (Irreg.)

FIN 5372 Mergers & Acquisitions and Corporate Restructuring 2 Credit Hours

Prerequisite: graduate standing, departmental permission, and FIN 5342. The course deals with acquiring or disposing of corporate assets (taking into consideration legal issues, accounting, and tax and how they affect the outcome of M&A transactions). Topics include valuation of assets being sold/purchased by corporations, economic motivations for mergers and acquisitions, structuring of the transactions, deal tactics/strategies, leveraged buyouts, and corporate restructuring. (Irreg.)

- FIN 5382 MBA Financial Modeling** **2 Credit Hours**
Prerequisite: graduate standing, departmental permission, and FIN 5302. The application of quantitative concepts in financial modeling using Excel. Students will become proficient in Excel and will be able to use it in building financial models. In addition, students will gain a working knowledge of quantitative concepts such as corporate valuation, portfolio theory, and Monte Carlo methods. (Irreg.)
- FIN 5392 Financial Intermediation and Banking** **2 Credit Hours**
Prerequisite: graduate standing, FIN 5302, and FIN 5322. This course will focus on the core economic reasoning behind commercial and investment banking and the modern management and valuation of financial intermediaries. Specific topics will include loan evaluation techniques, asset and liability management, risk management and Value-at-Risk, and managing within the confines of regulation. Exposure to modern econometric calculation systems such as Eviews, Stata, MATLAB, or similar. (Sp)
- FIN 5402 Equity Fund Management** **2 Credit Hours**
Prerequisite: graduate standing, FIN 5302, FIN 5322, and B AD 5001. This course will focus on the modern practice of equity portfolio management including the estimation and evaluation of critical parameters, implementation of the Markowitz and Black-Litterman models, the implications of measurement error for assessing portfolio risk, Value-at-Risk, the application of simulation methods for assessing risk exposure, and the computational issues involved with management of portfolios containing many securities and work-arounds. (Sp)
- FIN 5412 Advanced Topics in Investments** **2 Credit Hours**
Prerequisite: graduate standing and FIN 5302. The course will focus on advanced areas of the field of investments, including econometric and statistical techniques for the analysis and modeling of financial markets. Additional focus will be on modeling of volatility, estimation and utilization of modern asset pricing models, and computation of critical parameters for the valuation of derivative securities. (Sp)
- FIN 5613 Student Investment Fund** **3 Credit Hours**
(Slashlisted with FIN 4613) Prerequisite: graduate standing and by permission. The management of a real dollar portfolio of common stocks using the value style approach. Emphasis is on the application of fundamental analysis. Frequent class presentations are required. No student may earn credit for both 4613 and 5613. (F, Sp)
- FIN 5713 Fixed Income Securities and Markets** **3 Credit Hours**
(Slashlisted with FIN 4713) Prerequisite: FIN 5043 or B AD 5283. Students are involved in the management of a fixed income (bond) portfolio. Emphasis is given to the analytics of fixed income security valuation, and the analysis of investment opportunities. No student may earn credit for both 4713 and 5713. (F)
- FIN 5960 Directed Readings** **1-3 Credit Hours**
1 to 3 hours. Prerequisite: graduate standing and permission of department. May be repeated; maximum credit twelve hours. Directed readings and/or literature reviews under the direction of a faculty member. (F, Sp, Su)
- FIN 5970 Special Topics in Finance** **1-3 Credit Hours**
1 to 3 hours. Prerequisite: Graduate standing and FIN 5312. May be repeated with change of content; maximum credit 6 hours. Special topics in finance of interest to students in the MBA program. (F, Sp, Su)
- FIN 5980 Research for Master's Thesis** **2-9 Credit Hours**
2 to 9 hours. Prerequisite: graduate standing. Variable enrollment, two to nine hours; maximum credit applicable toward degree, four hours. (F, Sp, Su)
- FIN 5990 Directed Readings in Finance** **1-3 Credit Hours**
Prerequisite: 5043 or Business Administration 5283. May be repeated; maximum credit six hours. Individual graduate study of a specific narrow topic not offered in the current curriculum. (F, Sp, Su)
- FIN 6602 Finance Research Seminar** **2 Credit Hours**
Prerequisite: Graduate Standing. Students read, dissect, analyze, and discuss the finance research workshop papers and the relevant literature. The focus is on learning to do financial research by closely studying, analyzing and critiquing what the authors have done (and not done) and why. (F, Sp)
- FIN 6603 Introduction to Finance Theory** **3 Credit Hours**
Prerequisite: graduate standing and permission. Topics include decision making under uncertainty, portfolio theory, models of asset pricing, efficient markets, option pricing, capital structure and agency theory. (Irreg.)
- FIN 6803 Corporate Finance Theory** **3 Credit Hours**
Prerequisite: 6603 and Economics 5213. Topics include complete and incomplete markets, capital structure theory, agency theory, property rights, dividend policy, signaling models, corporate control issues, mergers and acquisitions. (Irreg.)
- FIN 6903 Financial Markets and Institutions** **3 Credit Hours**
Prerequisite: 6603 and Economics 5213. Topics include the term and risk structure of interest rates, debt pricing, financial contracting, information economics, duration and immunization, futures and options. (Irreg.)
- FIN 6960 Directed Readings in Finance** **1-3 Credit Hours**
1 to 3 hours. Prerequisite: 12 hours in finance and/or specifically related subjects, graduate standing, and permission of instructor. May be repeated with change of topic; maximum credit nine hours. Directed readings in various lines of specialization in finance. Conducted on a conference basis by the staff. Scope of reading and credit to be arranged on entry into the course. (F, Sp, Su)
- FIN 6970 Special Topics/Seminar** **1-3 Credit Hours**
1 to 3 hours. Prerequisite: graduate standing or permission of instructor. May be repeated; maximum credit 12 hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or research and field projects. (Irreg.)
- FIN 6973 Seminar** **3 Credit Hours**
Prerequisite: 12 hours of finance and/or economics, graduate standing, permission. May be repeated with change of topic; maximum credit nine hours. Seminar in latest developments in research and theory from one of the following general areas of the finance field: business finance, capital markets, insurance, investments, money and banking, public finance, real estate. A specific topic is announced for each time of offering. (F, Sp)
- FIN 6980 Research for Doctoral Dissertation** **2-16 Credit Hours**
(F, Sp, Su)
- FIN 6990 Independent Study** **1-3 Credit Hours**
1 to 3 hours. Prerequisite: Graduate standing and permission of instructor. May be repeated; maximum credit nine hours. Contracted independent study for a topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (Irreg.)