

## FIN

## Finance

### **FIN 250 PERSONAL INVESTING AND FINANCIAL PLANNING. (3)**

An overview of financial planning, decision making and investing activities. Emphasis is on financial assets such as stocks, bonds, options and futures and their use in meeting investment goals. Discusses IRAs, 401(k)s and other retirement programs. Also considers mutual funds, real estate, insurance and other alternatives. Includes a discussion of asset selection and allocation strategies, risk management methods, and alternative wealth maximization strategies.

### **FIN 300 CORPORATION FINANCE. (3)**

An introduction to the basic principles, concepts, and analytical tools in finance. Includes an examination of the sources and uses of funds, budgeting, present value concepts and their role in the investment financing and dividend decision of the corporate enterprise. Prereq: ECO 201, ECO 202, ACC 201, ACC 202, MA 123, STA 291 or equivalent.

### **FIN 360 PRINCIPLES OF REAL ESTATE. (3)**

An overview of the basic concepts and principles of real estate in the private and public sectors. The course provides an introduction to real estate issues and a foundation for further study in the various specialized areas of real estate and urban development. The course will cover topics related to urban economics, mortgage finance, and real estate valuation.

### **FIN 395 INDIVIDUAL WORK IN FINANCE. (1-6)**

Students confer individually with the instructor. Written paper usually expected and filed in chairperson's office. May be repeated to a maximum of six credits. Prereq: GPA of 3.0 in major, approval of instructor and chairperson.

### **FIN 405 CAPITAL INVESTMENT AND FINANCING DECISIONS. (3)**

A study of the factors that drive firm decisions to invest in new plant, capital equipment or technology and/or to pursue acquisitions of other firms. Optimal strategies for financing such investments are also a focal point of this capstone course, which involves extensive application of financial concepts and tools. Prereq: ACC 301, ACC 302 (prereq or coreq), ECO 391, and a grade of C or better in FIN 300.

### **FIN 410 INVESTMENT ANALYSIS. (3)**

Analysis of corporation statements for investment purposes; the security market; market influences on security prices; effect of interest changes on security prices; and the development of investment programs. Prereq: ACC 301, ACC 302 (prereq or coreq), ECO 391, and a grade of C or better in FIN 300.

### **FIN 423 INTERNATIONAL FINANCE. (3)**

The course provides an overview of world trade, international monetary and trade theory, and the theory of exchange rate determination. Focus is on the management of short- and long-term international assets, with particular attention given to the direct investment decision and on financing international operations. Prereq: ACC 302 and a grade of C or better in FIN 405.

### **FIN 430 FINANCIAL MODELING. (3)**

The rapidly increasing computational power of personal computers in combination with the development of dynamic software solutions for computational needs have in the recent few years brought the advantage of fairly sophisticated financial models into the reach of a broader audience. The increasing flow of financial information is converting the skill of quantitative modeling using computers from an advantage into a necessity. This course is designed to provide students with the skills necessary to apply modern financial theories to real world applications using advanced spreadsheet and visual-basic programming tools. Prereq: ACC 302 and a grade of B or better in FIN 410.

### **FIN 432 QUANTITATIVE PORTFOLIO MANAGEMENT. (3)**

This course covers the complex characteristics and analysis of individual securities as well as the theory and practice of optimally combining securities into portfolios. Stressing the economic intuition behind the subject matter, this course presents advanced concepts of investment analysis and portfolio management. Prereq: ACC 302 and a grade of C or better in FIN 410.

### **FIN 435 VENTURE FINANCE. (3)**

The goal of this class is to understand the process of new venture financing from both the entrepreneur and investor perspectives. The course will primarily focus on the financing of high-growth technology start-ups. Students will learn how to apply financial theory to new venture valuation and capital structure decisions. Prereq: A grade of C or better in FIN 405.

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**#FIN 440 BUSINESS VALUATION. (3)**

This course studies valuation for buyers, sellers, and independent appraisers to determine values of financial instruments, whole businesses and intangible assets. We develop the standard income and market-based approaches to valuation. Prereq: A grade of B or better in FIN 405.

**FIN 452 OPTIONS AND FUTURES. (3)**

A study of the options and futures markets including institutional aspects, pricing, and regulation. Primary emphasis will be on the uses and applications of options and financial futures. Prereq: ACC 302 and a grade of C or better in FIN 410.

**FIN 464 REAL ESTATE FINANCE. (3)**

The course surveys the sources and uses of real estate funds. The institutions which provide funds and the various types of financial instruments are described and compared. Likewise, various forms of real estate investment are analyzed and methods of determining value are critiqued. Prereq: A grade of C or better in FIN 410.

**FIN 465 FINANCIAL INSTITUTIONS MANAGEMENT. (3)**

A study of the principles and cases in commercial banking practice. Financial institution management practices are studied within the economic, monetary, fiscal and legal framework of the American economy. Prereq: ACC 302, and a grade of C or better in FIN 410.

**FIN 470 FINANCIAL RISK MANAGEMENT. (3)**

Financial price risk in the form of unexpected movements in the foreign exchange rates, interest rates, and commodity prices and their impacts on a firm's earnings, cash flows, value, and competitiveness are the focus of this course. Various financial derivatives such as forwards, futures, options, and swaps and different hedging techniques, principles, and strategies will be studied. The course also includes the design, development, execution, and evaluation of corporate risk management program. Lecture, discussion, readings, case study, and internet access approaches will be employed. Prereq: ACC 302, FIN 405, and FIN 410.

**FIN 475 FIXED INCOME SECURITIES. (3)**

The course provides students with an introduction to the fundamentals of fixed income securities and markets. Topics covered include bond pricing, convexity, duration, the yield curve, the U.S. Treasury market, corporate bond markets and mortgage-backed securities. Prereq: A C or better in FIN 410.

**FIN 480 MONEY AND CAPITAL MARKETS. (3)**

A study of the institutional structure and theory of the money and capital markets, including the types of financial claims traded in such markets, the major buyers and sellers, the regulatory environment, capital market theory, and the forces of supply and demand affecting the level and structure of interest rates. Prereq: ACC 302, and a grade of C or better in FIN 410.

**\*FIN 485 APPLIED INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT. (3)**

The course gives students a working knowledge of, and experience applying, the basic principles of value-oriented equity investing. Students manage a real-money equity portfolio currently, making all buy/sell decisions. Prereq: Consent of department.

**FIN 490 SPECIAL TOPICS IN FINANCE (Subtitle required). (3)**

Readings, projects, lecture and/or discussion to illuminate current topics of special interest or concern in finance. May be repeated to a maximum of six credits. May not be repeated under the same title. A particular topic may be offered at most three times under the FIN 490 number. Prereq: Varies by topic.

**FIN 600 CORPORATE FINANCIAL POLICY. (3)**

A study of financial management from the viewpoint of the corporate financial officer. Areas studied include capital budgeting, capital structure, financing decisions, working capital management, dividend policy, and mergers and acquisitions. Prereq: Graduate standing: ECO 610, ACC 628, MGT 650 or consent of department.

**FIN 623 INTERNATIONAL FINANCIAL MANAGEMENT. (3)**

This course provides an overview of financial management at the international level. Topics covered include: The nature and uses of international financial markets, the financial behavior of multinational corporations, exchange rates, and hedging in international business. Prereq: FIN 600 or consent of the department.

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### **FIN 630 FINANCIAL MODELING AND ANALYSIS. (3)**

This course provides students with the skills necessary to apply modern financial theories to real world applications in both corporate finance and investments. Students will get hands-on experience implementing models from areas such as capital budgeting, financial planning, and asset valuation.

### **FIN 637 HEALTH FINANCE. (3)**

This course applies general principles of finance to the financial management of health care institutions. The major financial incentives which dictate how health care is delivered are studied and proposals to change these incentives are explored. Prereq: MHA/MPA program status and HA 601, HA 621, PA 623, HA 635, or consent of department.

### **FIN 645 CORPORATE INVESTMENT AND FINANCING POLICY. (3)**

Emphasizing both theory and practice, this course is an in-depth study of long-term corporate investment and financing decisions. Topics include valuation, capital budgeting, cost of capital, leasing, dividend policy, capital structure, and mergers and acquisitions. Prereq: FIN 600 or consent of department.

### **FIN 650 INVESTMENTS. (3)**

Analysis and valuation of securities and the effects on investment decisions. Prereq: Appropriate undergraduate courses in accounting and finance or consent of department.

### **FIN 664 REAL ESTATE FINANCE. (3)**

A basic orientation in commonly used instruments, institutional structures, and real estate financing policies. Emphasis will be placed on mortgage instruments, mortgage types, effective cost of borrowing, construction lending, financial institutions, loan underwriting, and the secondary mortgage market. Analysis is primarily from the debt investor's perspective. Prereq: FIN 600 or consent of department.

### **FIN 680 MONEY, INTEREST AND CAPITAL. (3)**

A study of the theory of money, interest and financial intermediation. In addition to the theory, the major financial markets, financial institutions and financial instruments will be examined. Finally, the governmental agencies which regulate the industry will be discussed as will the overlapping nature of the regulatory process. Prereq: Completion of the first year MBA core or consent of instructor.

### **FIN 685 INVESTMENTS PRACTICUM. (3)**

The course gives students a working knowledge of, and experience applying, the basic principles of value-oriented equity investing. Students manage a real-money equity portfolio, making all buy/sell decisions. Prereq: Consent of department.

### **FIN 691 ADVANCED TOPICS IN FINANCE (Subtitle required). (1-3)**

The study of selected topics in finance for graduate students. Special title required. May be repeated for a maximum of nine credits under different subtitles. Prereq: Consent of department.

### **FIN 695 INDIVIDUAL WORK IN FINANCE. (1-6)**

Students confer individually with the instructor. Prereq: Consent of department.

### **FIN 700 SEMINAR IN FINANCIAL THEORY. (3)**

Primary emphasis on the theory of financial asset valuation. Topics include utility theory, investor reaction to uncertainty, cost of capital theory, dividend theory, portfolio theory, and asset pricing in equilibrium.

### **FIN 701 SEMINAR IN FINANCIAL THEORY II. (3)**

A continuation of FIN 700. Topics covered include state-preference theory, arbitrage pricing theory, agency theory, and the pricing of contingent claims.

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**FIN 740 SEMINAR IN THEORETICAL CORPORATE FINANCE. (3)**

This is an introduction course in theoretical corporate finance for Ph.D. students. This course has the objective of introducing doctoral students to theoretical research in corporate finance. The emphasis will be on incomplete information models, though a few models driven by other considerations will also be studied. The first part of the course will examine the fundamentals of corporate finance theory (e.g., the theory of the firm's choice of its capital structure and dividend policy under alternative assumptions), as well as various tool areas in corporate finance (e.g., the notion of moral hazard and agency problems, adverse selection and signaling, various aspects of non-cooperative games with and without incomplete information, and the equilibrium concepts in such games). The second part of the course will focus on a couple of important related topics which are the focus of recent research in corporate finance. Prereq: FIN 600 and 650, or equivalent or consent of department.

**FIN 745 SEMINAR IN MANAGERIAL FINANCE. (3)**

Primary emphasis on the implementation of financial theory for the management of the assets of a business firm. Topics include capital budgeting, working capital planning, financing the firm, cost of capital and the financial structure of the firm, and mergers and acquisitions. Prereq: FIN 700 or consent of department.

**FIN 750 SEMINAR IN INVESTMENT THEORY. (3)**

Primary emphasis on the implementation of financial theory for the evaluation and management of financial assets in an efficient capital market. Topics include mean-variance efficiency, development and testing of the capital asset pricing model, stochastic dominance, and option pricing theory as well as other topics in modern capital market theory. Prereq: FIN 700 or consent of department.

**FIN 780 SEMINAR IN FINANCIAL INSTITUTIONS. (3)**

An examination of the role of financial institutions in the financial system and in the economy, with special emphasis on commercial banks. Topics covered include: theories of financial intermediation, asset-liability management, regulation and deposit insurance, structure of the financial institutions industry, and empirical models of banking. Prereq: FIN 700 or consent of department.

**FIN 791 SEMINAR IN FINANCE (Subtitle required). (1-3)**

An intensive study of current theory and research in a topic in finance as discussed in scholarly journals. Examples of possible topics include: Capital structure, agency theory, market efficiency, contingent claims. May be repeated with a different subtitle for a maximum of 12 credits. Prereq: Consent of department.

**FIN 795 INDEPENDENT WORK IN FINANCE. (1-12)**

Designed for advanced students who undertake research problems to be conducted in regular consultation with the instructor. May be repeated to a total of 12 credit hours. Prereq: Consent of department.