

FINANCE (FINA)

FINA 801 Quantitative Methods in Finance

Prerequisites: Admission to MS Finance, MBA, MPA and MS Business Analytics programs in the College of Business, or by permission

Description: Practical use of statistical and quantitative methods that have wide applicability in business and financial decision making.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

FINA 802 Fixed Income Analysis

Prerequisites: Admission to MS Finance, MBA, MPA and MS Business Analytics programs in the College of Business, or by permission

Description: Basic understanding of fixed-income markets, fixed-income securities, and tools employed by market participants to the analysis of fixed-income investments.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

FINA 803 Case Studies in Financial Management

Prerequisites: Admission to MS Finance, MBA, MPA and MS Business Analytics programs in the College of Business, or by permission

Description: Development and implementation of financial strategies and policies. Cases will cover financial statement analysis, working capital management, capital structure planning, cost of capital, and capital expenditure analysis.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

FINA 804 Portfolio Management II & Ethics

Prerequisites: FINA 863

Description: Covers elements of the investment management process. Investment management process considers risk, return, and investment constraints. Ethical considerations of this investment management industry.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

FINA 807 Property and Liability Insurance

Prerequisites: FINA 307

Description: Open to masters level and PhD students only. Analysis of risk theory, property and liability risks, and the economic functions of property insurance. Traditional and modern theories of risk, property and liability coverages, and functional insurance areas. The role of property and liability insurance in meeting current economic and social problems in urban core areas of major central cities.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

FINA 812 Life and Health Insurance

Crosslisted with: FINA 412

Prerequisites: 2.5 cum GPA; FINA 338.

Description: The economic functions of life insurance. The human-life value concept and the basic forms of life insurance and annuities used in insuring life values. Life insurance pricing, functional company operations, legal aspects, and contractual provision. Health and other specialized forms of human-life value insurance.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

FINA 820 Employee Benefit Plans

Crosslisted with: FINA 420

Prerequisites: ECON 210, or 211 and 212; FINA 307

Description: Analysis of group life insurance, group medical expense and disability income insurance, private pension plans, profit sharing and thrift plans, Section 401(k) plans, individual retirement accounts (IRAs), Keogh plans for the self-employed, group property and liability insurance, and other employee benefits. An analysis of major public policy issues.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

FINA 838 Enterprise Risk Management

Crosslisted with: FINA 438

Prerequisites: FINA 338.

Description: Major and minor pure loss exposures facing business firms, the alternative risk management techniques for dealing with these exposure, the most appropriate technique(s) for controlling each exposure, and the financial results so the risk management program remains effective. Actual risk management audits of business firms and case studies are used to integrate the concepts, techniques, and tools.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

FINA 850 Multinational Financial Analysis

Prerequisites: GRBA 811 and permission

Notes: FINA 850 is open to masters level and PhD students only.

Description: International aspects of financial management. Exchange risk analysis and management. Accessing international capital markets. International capital budgeting. Numerical optimization technique.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

FINA 855 Capital Markets and Financial Institutions

Prerequisites: FINA 365

Notes: Open to masters level and PhD students only.

Description: Analysis of the development and functions of the various financial institutions, with emphasis on the nonbank financial intermediary. Sources and uses of funds for each of the major types of intermediary, the nature and structure of financial markets, the behavior of financial institutions, and the theories of interest rate determination.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

FINA 861 Advanced Finance**Crosslisted with:** FINA 461**Prerequisites:** 2.5 cum GPA; FINA 361/361H with a grade of C or above; or ACTS 440/840.**Description:** Advanced development of the corporate finance tools used in financial management. Application of quantitative techniques used in financial statement forecasting, advanced capital budgeting, advanced cost of capital estimation, corporate valuation, and external financing policy of the firm.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**Prerequisite for:** FINA 475**FINA 862 Security Valuation and the Buffett Investment Method****Prerequisites:** GRBA 811 or equivalent**Description:** This course covers methods used to value publicly-traded and private equities. Methods used by Warren Buffett are emphasized.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**Offered:** FALL**FINA 863 Portfolio Management****Prerequisites:** GRBA 811**Description:** The workings of securities markets. The fundamental intuition of the risk-return trade-off. The role of information in financial markets. All major asset pricing models and application to risk management in a portfolio context.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**Prerequisite for:** FINA 467, FINA 867; FINA 804**FINA 865 Bank Management****Crosslisted with:** FINA 465**Prerequisites:** 2.5 cum GPA; FINA 361/361H with a grade of C or above or ACTS 440/840; and FINA 365.**Description:** Bank asset management; policy and practices for reserves, loans and investments. Internal organization of commercial banks. New problems and recent innovations in commercial banking.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**FINA 867 Options, Futures and Derivative Securities****Crosslisted with:** FINA 467**Prerequisites:** 2.5 cum GPA; FINA 338 or 367 or 863.**Description:** The use of derivative securities in risk reduction and portfolio management strategies.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**Prerequisite for:** ACTS 405**FINA 867A Options, Futures and Derivative Securities for Actuarial Science****Crosslisted with:** FINA 467A**Prerequisites:** ACTS 441 and STAT 380.**Description:** Introduction to financial mathematics related to pricing of derivative securities, including standard options, exotic options and interest rate and bond derivatives. Covers required material for the Society of Actuaries Models for Financial Economics (MFE) exam.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**FINA 871 Nonprofit Financial Management****Prerequisites:** Admission to the MBA or MPA program or by permission of the MBA director.**Description:** Financial Management for the non profit firm examines the planning process for operating, capital expenditure, and cash budgets. This process includes long-term financial planning and the importance of capital structure and investment policies that are aligned to the organization's strategic objectives. All these topics build on the foundation of nonprofit accounting and nonprofit financial statements.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**Offered:** SPRING**FINA 882 Real Estate Finance****Crosslisted with:** FINA 482**Prerequisites:** FINA 382.**Description:** Consideration of procedure, instruments, techniques, and trends in financing urban real property; an examination of realty credit markets and sources of funds (private and public); valuation of real property for lending and investment purposes; and measurement of investment performance.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**FINA 899 Masters Thesis****Prerequisites:** Admission to masters degree program and permission of major adviser**Credit Hours:** 1-10**Min credits per semester:** 1**Max credits per semester:** 10**Max credits per degree:** 99**Grading Option:** Grade Pass/No Pass Option**FINA 907 Insurance Seminar****Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded

FINA 960 Financial Management**Prerequisites:** Completion of the MBA core requirements**Description:** Open to masters level and PhD students only. Assuming a background of knowledge which includes the finance function in business and the technique of financial analysis, this course confronts the student with the unique role of financial management which relates both to the company as an operating entity and to the interest of the owners in the results of the operation.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**FINA 961 Advanced Theory of Finance****Prerequisites:** FINA 361**Description:** Open to masters level and PhD students only. Critical examination of the relation of the capital markets to the external financing problems of the firm. Advanced developments of the finance specialization with major emphasis on the theoretical issues.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**Prerequisite for:** FINA 994**FINA 962 Research Methods in Finance and Accounting****Prerequisites:** Admitted to PhD degree program in Economics or the College of Business Administration**Description:** This class covers the research methods used in accounting and finance. Emphasis is on empirical testing using statistical and mathematical programming languages.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**FINA 963 Survey of Teaching Methods in Business****Prerequisites:** Admission to PhD degree program in Finance**Description:** This course is a primer to help facilitate new PhD candidates in their transition from student to teacher. The course is largely self-directed study, however there is mentoring from a faculty member. The course is based around four accountabilities. The student will learn strategies to develop: 1) an environment conducive to learning, 2) a curriculum, 3) a delivery system for the curriculum, and 4) an evaluation system. The course culminates with the construction of a teaching portfolio.**Credit Hours:** 1**Max credits per semester:** 1**Max credits per degree:** 1**Grading Option:** Graded**FINA 965 Seminar in Banking****Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**FINA 966 Seminar in Investments****Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**FINA 968 Seminar in Finance****Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**FINA 969 Finance Seminar****Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**FINA 994 Seminar in Selected Subjects: Special Topics****Prerequisites:** FINA 961**Notes:** Open to PhD students only.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**FINA 996 Directed Reading or Research****Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 24**Grading Option:** Graded**FINA 999 Doctoral Dissertation****Prerequisites:** Admission to doctoral degree program and permission of supervisory committee chair**Credit Hours:** 1-24**Min credits per semester:** 1**Max credits per semester:** 24**Max credits per degree:** 99**Grading Option:** Grade Pass/No Pass Option