

Finance (FINA)

Courses

FINA 2300 Wall Street 101: 3 semester hours.

The course introduces fundamental knowledge of financial markets to students and provides students with hands-on learning and trading experiences using virtual money; topics covered include stock market, fixed-income market, currency market, principles of investment and trading.

FINA 2313 Financial Planning from a Global Perspective: 3 semester hours.

Designed to develop a financially literate global citizen with competency to make informed personal financial decisions through inculcating critical thinking, and analytical skills. Covered topics include but are not limited to the principles of financial planning, financial statements, planning and budgeting, credit and its costs, cash and credit management, time value of money, evaluation of investment tools, market system, retirement planning, implication of tax, role of insurance, and global issues impacting financial planning.

FINA 3310 Principles of Finance: 3 semester hours.

The course provides a preview of the field of finance and covers fundamental areas of financial assets and markets, financial institutions, valuation of securities and corporate finance; incorporates basic financial concepts and tools like time value of money, risk and return relationship, and capital budgeting.

Prerequisites: ACCT 2301 or ACCT 2113.

FINA 3321 Trading Risk Management I: 3 semester hours.

The course introduces fundamental knowledge of commodities markets trading emphasizing energy sector. Topics covered include energy systems, physical movement of energy commodities, trading risk and hedging and speculation, legal and regulatory issues in energy trading, trade floor technologies.

Prerequisites: MGMT 2320 or MGMT 2203.

FINA 3333 Investment Analysis: 3 semester hours.

Study of the fundamental concepts, tools, techniques, assets, and strategies involved in investment decisions. Topics include valuation of investment alternatives and their risk-return characteristics, and analytical techniques.

Prerequisites: FINA 3103 or FINA 3310.

FINA 3338 Financial Markets and Institutions: 3 semester hours.

Major domestic financial institutions and markets as well as the U.S. central bank and other regulatory agencies will be analyzed with an extension to international markets; topics include determination of interest rates, security valuation, mortgage markets, commercial banks and other financial institutions and their risk management activities.

Prerequisites: FINA 3310 or FINA 3103 and (ECON 2301 or ECON 2123).

FINA 3339 Finance Internship I: 3 semester hours.

Supervised full-time training in industry, government or other agencies for junior-level finance majors. Individual conferences, company performance evaluations and written reports required. The duration of the program will be one regular semester or two consecutive summer terms.

Prerequisites: FINA 3338 or FINA 3383.

FINA 3399 Independent Study in Finance: 3 semester hours.

Supervised reading, research, and/or field work on selected topics in finance.

Prerequisites: FINA 3310 or FINA 3103.

FINA 4321 Managerial Finance: 3 semester hours.

Introduces the concepts and analytical tools required to make value-creating financial decisions; provides students with theoretical foundations and practical applications of financial decision-making for business; covers a variety of topics, including financial statements, ratio analysis, risk-return analysis, bonds and stocks valuation, the cost of capital, capital structure, dividend policy, capital budgeting, and multinational financial management.

Prerequisites: FINA 3310 or FINA 3103.

FINA 4322 Commercial Lending: 3 semester hours.

Covers and qualitative analysis and assessment of industry risk, market risk and management risk; also provides an understanding of the role of loan policy and the need to summarize the borrower's various risks into an appropriate credit risk rating; in addition, it provides guidance on loan structuring and documentation issues in response to the analysis of quantitative and qualitative risks.

Prerequisites: ECON 2113 or ECON 2302 and (ECON 2123 or ECON 2301) and (FINA 3103 or FINA 3310).

FINA 4323 Bank Management: 3 semester hours.

Covers fundamental concepts and principles in commercial bank operations and management; analysis of bank assets and liabilities, assessment of various types of risk including operating, industry and market risks and management of risk exposure. Special emphasis on loans, the most important bank asset, particularly, commercial lending.

Prerequisites: ECON 2123 or ECON 2301 and (FINA 3103 or FINA 3310).

FINA 4330 Money and Banking: 3 semester hours.

Covers key topics in the theory and practice of financial markets, and banking; focuses on interest rates and money supply; the Federal Reserve System and monetary policy, regulation of financial markets and institutions; international financial system.

Prerequisites: ECON 2301 or ECON 2123.

FINA 4331 Investment Management: 3 semester hours.

Principles of portfolio management, portfolio optimization, asset allocation, asset pricing models, investment strategies, and timing techniques portfolio performance evaluation.

Prerequisites: FINA 3333.

FINA 4335 International Finance: 3 semester hours.

International financial markets and the flow of funds, exchange rates, parity relationships and arbitrage Exchange rate risk and its management. short- and long-term financing. asset and liability management. capital budgeting, and direct foreign investments for multinationals; international banking issues.

Prerequisites: FINA 3310 or FINA 3103 and ECON 2301 or ECON 2123.

FINA 4338 Derivative Securities: 3 semester hours.

Valuation of options and financial futures; risk management and hedging applications using options and futures; primary focus on stock options, index options, stock index futures, interest rate futures, foreign exchange futures options.

Prerequisites: FINA 3310 or FINA 3103.

FINA 4341 Trading Risk Management II: 3 semester hours.

Continuation of Trading Risk Management I course. Energy trading strategies and applications; financial risk management; additional issues in hedging, options and other complex structures, and regulatory and legal issues and compliance.

Prerequisites: FINA 3321 and FINA 4338.

FINA 4345 Special Topics in Finance: 3 semester hours.

Supervised fulltime training in industry, government, or other agencies for senior-level The course would provide a form to bring in special issues/topics of interest in the finance majors. Individual conferences, company performance evaluations and written reports required. The duration of area, such as hedge funds, speculative markets, mergers and acquisitions, and the program management of financial institutions. It will be one regular semester or two consecutive flexible in terms.

Prerequisites: ECON 2302 or ECON 2113 and (ECON 2301 or ECON 2123) and (FINA 3310 or FINA 3103).

FINA 4346 Student Managed Fund: 3 semester hours.

Focuses on security analysis and portfolio management; mixture of lectures, projects and presentations. Offers students a unique opportunity to manage portfolio in real-world setting, using Bloomberg Professional Services platform.

Prerequisites: ECON 2301 or ECON 2123 and (FINA 3310 or FINA 3103).

FINA 4399 Independent Study in Finance: 1-3 semester hour.

Supervised reading, research, and/or field work on selected topics.

FINA 5300 Concepts of Finance: 3 semester hours.

An overview of financial securities and markets, financial statement analysis, cash budgeting, working capital management, time value of money, valuation of securities, and capital budgeting.

FINA 5310 Theory of Financial Management: 3 semester hours.

Applications of the concepts, tools and techniques in modern financial theory to analyze corporate financial decision-making; topics include financial statements, ratio analysis, risk return trade-off, bond and stock valuation, cost of capital and capital structure, dividend policy, capital budgeting, corporate restructuring, and multinational financial management.

Prerequisites: FINA 5300 or FINA 5003.

FINA 5331 Investment Analysis and Management: 3 semester hours.

Fundamentals of securities, markets, an investments; analysis of risk and return; valuation of fixed income securities and stocks; options futures contracts; investment companies; portfolio theory and management.

Prerequisites: FINA 5300 or FINA 5003.

FINA 5333 International Finance: 3 semester hours.

Study of international financial markets and exchange rate systems; topics include exchange rates determination, international arbitrage and parity conditions, currency derivatives, country risk analysis, direct foreign investments, and international banking. Exchange rate risk measurements and management, international capital structure and cost of capital, and multinational cash and capital budgeting will also be analyzed.

Prerequisites: FINA 5003 or FINA 5300.

FINA 5338 Fin Mrkt and Inst: 3 semester hours.

Study of financial markets, domestic and international, and their interrelationship through financial institutions in determining interest rates and asset prices and the flow of funds; Federal Reserve System and its role; regulation of financial markets and institutions; risk management of important financial institutions.

Prerequisites: FINA 5300 or FINA 5003 and (ECON 5300 or ECON 5003).

FINA 5357 Case Studies in Finance: 3 semester hours.

Application and integration of financial concepts, theories and techniques to analyze and solve financial problems facing corporations using real simulated cases. Topics include valuation, capital budgeting, capital structure, dividend policy, corporate restructure, bankruptcy, and ethics.

Prerequisites: FINA 5103 or FINA 5310.