

# Finance (FINA)

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## 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 improve students' understanding of financial services industry and how it helps create wealth for individuals and the role of financial markets and institutions, domestic and global. Among the topics covered include economic and financial theories pertaining to the market system and their applications; computation of time value of money; analysis and evaluation of investment instruments including domestic and foreign stocks and bonds, mutual funds; foreign exchange rates and risk in foreign investment; financial planning to meet future financial need; cash and credit management; tax analysis and risk management.

### ***FINA 3310 Principles of Finance: 3 semester hours.***

Fundamental tools and techniques applicable to financial planning of businesses. Covers valuation of securities, risk-return relationship, capital budgeting, management of current assets and liabilities with extension to international areas.

Prerequisites: ACCT 2302 or ACCT 2123.

### ***FINA 3323 Trade Floor Dynamics: 3 semester hours.***

The course introduces fundamental knowledge of commodities markets trading emphasizing energy sector with hands-on learning and trading experiences using virtual trading floor. Topics covered include physical versus financial assets trading, commodities and equity trading, trading risk, hedging versus speculation using derivatives; trading activities and behavior specific to energy sector assets.

Prerequisites: FINA 3310 or FINA 3103.

### ***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 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 4350 Trading Risk Management: 3 semester hours.**

Risks related to energy trading will be explored including market risk, credit risk, operational risk, exchange rate risk and portfolio risk; risk management factors, measures and techniques including value at risk (VAR), financial derivatives as hedging tools, statistical methods and hazard model with be utilized.

Prerequisites: 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.