

# FINANCE (FINA)

**FINA 2220 Personal Financial Planning.** (Formerly 220) An introduction to personal financial planning. Topics covered include: time value of money, tax planning, cash management, credit cards, purchase of home, auto and health insurance, retirement and estate planning. 3 semester credit hour/s.

**Designation:** Individuals, Organizations, and Societies (QIO)

**Campus:** LISLE (Typically Offered: Periodically)

MESA (Typically Offered: Periodically)

**FINA 2297 Internship.** (Formerly 297) Practical experiences in business related fields under the supervision of the program coordinator. 2-6 semester credit hour/s. Course Repeatable. Maximum number of units allowed: 12. Department Consent Required.

**Designation:** Engaged Learning

**Campus:** LISLE

**FINA 2300 Principles of Finance.** This course provides a brief introduction to the fundamentals of corporate finance to help students acquire an understanding of broad economic issues that are of wide applicability in many areas of corporate finance. Key concepts and applications include: time value of money, risk-return tradeoff, cost of capital, interest rates, capital budgeting, bond and stock valuation, discounted cash flow (DCF) analysis, net present value, internal rate of return, payback period. Prerequisite: Earned a grade of "C" or better in both ACCT 1111 and BALT 1150 or MGT 1150. 3 semester credit hour/s.

**Campus:** LISLE (Typically Offered: Fall and Spring Terms)

MESA

**FINA 3320 Investments.** (Formerly 320) A framework useful to develop investment policy for individuals and institutions; security evaluation methods and portfolio management strategies are developed. Prerequisite: FINA 2300. 3 semester credit hour/s.

**Campus:** LISLE (Typically Offered: Fall Term)

MESA (Typically Offered: Spring Term)

**FINA 3360 Econometrics I.** This course covers the statistical tools needed to understand empirical economic/finance research and to plan and execute independent research projects. It involves the economic applications of the statistical techniques of simple and multiple regression analysis. The course assumes a basic knowledge of statistical analysis, such as hypothesis testing and interval estimation. Prerequisite: Earned a grade of "C" or better in both BALT 1140 and BALT 1150. 3 semester credit hour/s.

**Campus:** LISLE

MESA

**FINA 3365 Fundamental and Technical Currency Trading.** Fundamental and technical trading is driven by the practitioners' knowledge of managing an enhanced algorithmic proprietary foreign exchange fund. The class will learn the basics of managing money and speculative trading on the basis of economic analysis, western and eastern technical analysis (with an emphasis on candlestick charting), and psychological attitudes. Students will produce and trade their own speculative trading plan: watch the market, analyze profitable situations, and produce winning trades. The class will manage a \$50K simulation speculation book and will also watch the professor trade a real money book in class. Prerequisite: FINA 2300. 3 semester credit hour/s. Department Consent Required.

**Campus:** LISLE

MESA

**FINA 3391 Topics.** (Formerly 391) Specially designed courses in various business topics to supplement the business curriculum. Prerequisite: Varies based upon the specific topic being explored. 3 semester credit hour/s. Course Repeatable. Maximum number of units allowed: 12.

**Campus:** LISLE

**FINA 3395 Independent Study.** (Formerly 395) Provides an opportunity for an advanced student in the major to pursue study in a field of business related interest. 1-3 semester credit hour/s. Course Repeatable. Maximum number of units allowed: 12. Department Consent Required.

**Campus:** LISLE

**FINA 4305 Capital Acquisition and Alternative Investments.** (Formerly FINA/ENT 3310) This course focuses on funding and managing entrepreneurial businesses through the various stages of business growth and explores differences in funding for different business models and organizations (e.g. technology, non-profit). Students will learn: 1) how to develop pro forma financial plans 2) conduct what-if analysis by the changing funding requirements of a firm growing from inception through maturity with a particular emphasis on deal structure and risk/reward scenarios for different investor types. Prerequisite: Earned grade of "C" or better in FINA 4380. 3 semester credit hour/s.

**Campus:** LISLE

**FINA 4310 Money and Financial Markets.** (Formerly 310) Study of money, the banking system, monetary theories, and relation of the monetary system to national income, employment, and price levels. Prerequisite: Earned a grade of "C" or better in both ECON 2001 and ECON 2002. Cross-listed as ECON 4310/FINA 4310. 3 semester credit hour/s.

**Campus:** LISLE

MESA (Typically Offered: Periodically)

**FINA 4325 Futures and Derivatives.** (Formerly 4325) An examination of the pricing and use of options, futures, forwards and swaps in the financial markets. Prerequisite: Earned a grade of "C" or better in FINA 2300. 3 semester credit hour/s. Typically offered: Annually. 3 semester credit hour/s.

**Campus:** LISLE (Typically Offered: Annually)

**FINA 4335 Financial Risk Management.** This course will introduce students to financial risk management issues in different financial assets. The course will cover Greek letters, volatilities, Value at Risk, and Stress Testing. Prerequisite: Earned a grade of "C" or better in both FINA 2300 and FINA 4325. 3 semester credit hour/s.

**Campus:** LISLE (Typically Offered: Annually)

MESA (Typically Offered: Spring Term)

**FINA 4340 Fixed Income.** This course will introduce students to fixed income markets and debt securities. Topics covered include: interest rate measures, forwards, futures, duration and convexity, the yield curve, and yield spreads. Prerequisite: Earned a grade of "C" or better in both FINA 2300 and BALT 3301. 3 semester credit hour/s.

**Campus:** LISLE (Typically Offered: Annually)

**FINA 4355 Equity Valuation.** The objective of this course is to learn firm, debt, and equity valuation methods in a framework that is both conceptually rigorous and relevant for practice. While there are new concepts introduced in this course, the emphasis is on the practical application of finance and accounting concepts already covered in other courses. Prerequisite: Earned grade of "C" or better in FINA 2300 and MGT/BALT 2251 or BALT 3301. 3 semester credit hour/s.

**Campus:** LISLE (Typically Offered: Fall and Spring Terms)

**FINA 4360 Econometrics II.** The continuation of Econometrics I with a focus placed upon basic time series analysis. The course will cover basic regression analysis, Serial Correlation and Heteroskedasticity in time series, and other advanced topics in financial risk management. Prerequisite: Earned a grade of "C" or better in FINA 3320 and FINA 3360. 3 semester credit hour/s.

**Campus:** LISLE  
MESA

**FINA 4365 Financial Modeling.** The course provides the financial modeling skills of practical problems in investment analysis, portfolio management, and valuation. In particular, the course will cover the application of Excel spreadsheet (and other statistical software) to the statistical analysis of financial market data, optimization problems, the valuation of financial assets and Monte Carlo simulation. Prerequisite: Earned a grade of "C" or better in both FINA 4325 and FINA 4340. 3 semester credit hour/s.

**Campus:** LISLE (Typically Offered: Fall and Spring Terms)  
MESA (Typically Offered: Fall and Spring Terms)

**FINA 4370 Multinational Corporate Finance.** (Formerly 3370) Stresses the financial decision-making of a firm in an international setting. Covers international financial markets, exchange risk management, asset and liability management, and international banking. Prerequisite: Earned grade of "C" or better in ECON 2001, ECON 2002, and FINA 4380. 3 semester credit hour/s.

**Campus:** LISLE (Typically Offered: Fall and Spring Terms)  
MESA

**FINA 4380 Advanced Managerial Finance.** A continuation of principles of finance with a focus placed upon corporate financial decisions. This course focuses on the corporate financial management which involves planning, acquiring, and effectively allocating of funds within a business. It also discusses challenges of managing the firm from a financial perspective in terms of the firm's capital structure, investment in capital projects, funding capital, regulations of business financing. Prerequisite: FINA 2300. 3 semester credit hour/s.

**Campus:** LISLE (Typically Offered: Spring Term)

**FINA 4391 Applied Investment Management I.** As a part of the Applied Investment Management Program, the course covers various topics in portfolio management including time series analysis, firm analysis, and asset management. Students will apply theory and practical methods in fund management. The course also includes investment strategy, recording trading log and presentation skills. This is the first course of three Applied Investment Management courses. 3 semester credit hour/s. Department Consent Required.

**Campus:** LISLE (Typically Offered: Spring Term)

**FINA 4392 Applied Investment Management II.** As a continuation of Applied Investment Management I, the course covers various topics in portfolio management including time series analysis, firm analysis, and asset management. Students will apply theory and practical methods in fund management. The course also includes investment strategy, recording trading log and presentation skills. This is the second course of three Applied Investment Management courses. Prerequisite: FINA 4391. 3 semester credit hour/s. Department Consent Required.

**Campus:** LISLE (Typically Offered: Fall Term)

**FINA 4393 Applied Investment Management III.** As a continuation of Applied Investment Management II, the course covers various topics in portfolio management including time series analysis, firm analysis, and asset management. Students will apply theory and practical methods in fund management. The course also includes investment strategy, recording trading log and presentation skills. This is the third course of three Applied Investment Management courses. 3 semester credit hour/s. Department Consent Required.

**Campus:** LISLE (Typically Offered: Spring Term)

**FINA 4397 Institute Project.** (Formerly 397) Practical experiences in business related fields under the supervision of the program coordinator. 2-6 semester credit hour/s. Course Repeatable. Maximum number of units allowed: 12. Department Consent Required.

**Designation:** Engaged Learning

**Campus:** LISLE