

COURSES FOR ECONOMICS, FINANCE AND LEGAL STUDIES

Economics Courses

EC110 Principles of Microeconomics

SB

Hours 3

Introduction to microeconomic analysis concentrating on consumer and producer behavior, competitive and imperfect markets, public policy and regulation, and income distribution.

Prerequisite(s): MATH 100 or MATH 110 or MATH 112 or MATH 113 or MATH 115 or MATH 121 or MATH 125 or MATH 126 or MATH 145 or MATH 146; or UA Math Placement of 310 or higher, ACT Math subscore of 24 or higher, (New) SAT Math subscore of 580 or higher, (Old) SAT Math subscore of 560 or higher.

Social and Behavioral Sciences

EC111 Principles of Macroeconomics

SB

Hours 3

Introduction to macroeconomic analysis concentrating on national income, price levels, employment, monetary and fiscal policies, and international trade and development. Students are limited to three attempts for this course, excluding withdrawals.

Prerequisite(s): EC 110 or EC 112

Social and Behavioral Sciences

EC112 Honors Principles of Microeconomics

SB, UH

Hours 3

This course covers the same material as EC 110 but in a depth appropriate for honors students. It is an introduction to microeconomic analysis concentrating on consumer behavior, producer behavior, and market structure. All topics will be explored in more detail than EC 110, using math and graphic tools, additional readings and creative discussion sessions. Students are limited to three attempts for this course, excluding withdrawals. Students cannot receive credit for both EC 110 and EC 112.

Prerequisite(s): MATH 100 or MATH 110 or MATH 112 or MATH 113 or MATH 115 or MATH 121 or MATH 125 or MATH 126 or MATH 145 or MATH 146; or UA Math Placement of 310 or higher, ACT Math subscore of 24 or higher, (New) SAT Math subscore of 580 or higher, (Old) SAT Math subscore of 560 or higher.

Social and Behavioral Sciences, University Honors

EC113 Honors Principles of Macroeconomics

SB, UH

Hours 3

This course covers the same material as EC 111 but in a depth appropriate for honors students. Topics include national income, price levels, employment, monetary and fiscal policies, and international trade and development. All topics will be explored in more detail, using math and graphic tools, additional readings and creative discussion sessions. Students cannot receive credit for both EC 111 and EC 113. Students are limited to three attempts for this course, excluding withdrawals.

Prerequisite(s): EC 110 or EC 112

Social and Behavioral Sciences, University Honors

EC308 Intermediate Microeconomics

Hours 3

Examination of the theory of price and the theory of resource allocation. Topics include demand theory, production and cost functions, pricing and output under competitive and noncompetitive conditions, resource markets, and rudiments of general equilibrium analysis. Students cannot receive credit for both EC 308 and EC 310.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

EC309 Intermediate Macroeconomics

Hours 3

A study of the theoretical framework underlying income, employment, and growth analysis. Students cannot receive credit for both EC 309 and EC 311.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

EC310 Honors Intermediate Microeconomics

UH

Hours 3

This course covers the same material as EC 308 but in a depth appropriate for honors students. It focuses on how economic agents make optimal decisions given scarce resources and technological constraints. Topics include consumer behavior, producer behavior, and market structure. Students cannot receive credit for both EC 308 and EC 310.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or 112) and (EC 111 or 113) and (LGS 200 or 201) and (AC 210 or AC 211) and ST 260

University Honors

EC311 Honors Intermediate Macroeconomics

UH

Hours 3

This course covers the same material as EC 309, which is a study of the theoretical framework underlying income, employment, and growth analysis, but in a depth appropriate for honors students. Students cannot receive credit for both EC 309 and EC 311.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or 112) and (EC 111 or 113) and (LGS 200 or 201) and (AC 210 or AC 211) and ST 260

University Honors

EC400 Analysis of Economic Conditions at the Micro & Macro Levels

Hours 3

Not open to majors in economics and finance. Uses basic economic theory to assess real-world business and economic conditions at the micro and macro levels. This course may not count toward the Economics major, but may count toward the Economics minor or specialization.

Prerequisite(s): (EN 101 or EN 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or 112) and (EC 111 or 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260; and FI 302

EC410 Law And Economics

W

Hours 3

This course will use the tools of economic analysis to analyze public policy issues and to explore the intersections between the law and economics. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of the course.

Prerequisite(s): EC 308 or EC 310

Writing

EC412 Industrial Organization

Hours 3

Study of the various types of industry structure, conduct, and performance; business strategies; and policy alternatives. Emphasizes case studies from the major types of industry.

Prerequisite(s): EC 308 or EC 310

EC413 Economic Forecasting & Analysis

C

Hours 3

Survey of the analytical techniques used by economists to forecast the macro and micro levels of economic activity and the effects of public policy on the economy. Computing proficiency is required for a passing grade in this course.

Prerequisite(s): (EC 308 or EC 310) and (EC 309 or EC 311)

Computer Science

EC416 Monetary Theory & Policy

Hours 3

Analysis of the role of money in the economy and the conduct of monetary policy. Emphasis is given to the money supply process, the demand for money, and the choice of monetary-policy strategies and procedures.

Prerequisite(s): EC308 (Grade of C- or better) or EC 310 (Grade of C- or better); and EC309 (Grade of C- or better) or EC 311 (Grade of C- or better)

EC422 Urban Economics

Hours 3

Analysis of the economics of community growth and the application of economic principles in solving problems and exploiting opportunities generated by the process of urban development.

Prerequisite(s): EC 308 (Grade of C- or better) or EC 310 (Grade of C- or better)

EC423 Public Finance

Hours 3

Study of the principles of taxation, government expenditures, borrowing, and fiscal administration.

Prerequisite(s): EC 308 or EC 310

EC430 International Trade

Hours 3

Analysis of theoretical principles underlying international trade, with application of these principles to recent developments and to current national policies.

Prerequisite(s): EC 308 or EC 310

EC431 International Finance

Hours 3

Introduction to the field of international finance. Course deals primarily with international financial markets and the macroeconomics of international financial flows. Topics include foreign exchange and international securities markets and international banking.

Prerequisite(s): EC 308 (Grade of C- or better) or EC 310 (Grade of C- or better); and EC309 (Grade of C- or better) or EC 311 (Grade of C- or better)

EC432 Development Economics

Hours 3

The course introduces students to the field of development economics. The course covers economic theory and empirical research about contemporary development efforts.

Prerequisite(s): EC 308 (Grade of C- or better) or EC 310 (Grade of C- or better)

EC460 Labor Economics

Hours 3

This course provides an overview of labor economics. Topics covered include labor supply, labor demand, human capital, minimum wages, immigration, and discrimination.

Prerequisite(s): EC 308 or EC 310

EC470 Introduction to Mathematical Economics

Hours 3

Application of selected mathematical methods to the analysis of economic problems.

Prerequisite(s): EC 308 or EC 310

EC471 Econometrics

Hours 3

This course emphasizes statistical methods for analyzing data used by social scientists. Topics include simple and multiple regression analyses and the various methods of detecting and correcting data problems such as autocorrelation and heteroscedasticity.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

EC472 Financial Econometrics

Hours 3

In this course, we focus on the empirical techniques mostly used in the analysis of financial markets and how they are applied to actual data. We will begin with calculations and stylized facts of financial asset prices and returns. We next introduce statistical and econometric models to capture or reproduce these data features, mainly relying on time series models, estimations and tests. The first application is to apply these techniques to solve the practical financial issue of portfolio optimization. And then, we continue to time-varying asset returns to search for predictors of financial asset returns using CAPM model. To estimate the financial markets/assets fluctuations and the portfolio uncertainty, we start to learn conditional volatility models, including ARCH, GARCH, etc. Finally, from the perspective of risk management, we introduce the tools to estimate market risk of financial assets.

Prerequisite(s): EC 110 and EC 111; and EC 471 (Grade of C- or better) or EC 413 (Grade of C- or better)

EC473 Games and Decisions

Hours 3

An introduction to game theory with emphasis on application. Game theory is a toolbox for analyzing situations where decision makers influence one another.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

EC474 Experimental Economics

Hours 3

This course introduces students to the field of experimental economics. The course covers methodological issues with designing and conducting experiments and interpreting the results.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

EC480 Economics of the Environment and Natural Resources

Hours 3

Survey of the techniques used to estimate benefits of environmental improvements, and an analysis of public policy relating to the environment and use of natural resources.

Prerequisite(s): EC 308 or EC 310

EC483 Health Care Economics

Hours 3

An investigation of the microeconomics of the American health care delivery system. The course focuses on the demand for and supply of health care services and emphasizes the efficiency and equity characteristics of the system.

Prerequisite(s): EC 308 or EC 310

EC491 Independent Study

Hours 1-6

Students can apply a maximum of 6 credits of EC 491 toward their degree.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

EC492 Internship

Hours 1-3

Students are selected through a competitive process for assignments in approved business or public sector organizations. Students can apply a maximum of 3 credits of EC 492 toward their degree.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

EC497 Special Topics in Economics

Hours 1-3

Students can apply a maximum of 9 credits of EC 497 toward their degree.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

EC500 Managerial Economics

Hours 3

An introduction to the foundations of both micro- and macroeconomic analysis, including consumer demand, production and cost analysis, price determination, and macroeconomic theory and policy. Emphasis is on the theory of the firm.

EC508 Microeconomic Theory

Hours 3

An examination of the theory of resource allocation. Topics include demand theory, production and cost functions, theory of markets, general equilibrium analysis, and welfare theory.

EC509 Macroeconomic Theory/Policy

Hours 3

This overview of modern macroeconomic theory and its implications for the conduct of stabilization policies is intended to provide a solid background in macroeconomics for master's students. The course also considers the microeconomic foundations of aggregate economic analysis.

EC510 Law and Economics

W

Hours 3

This course is for master's students in Economics or Finance. It provides students with tools of economic analysis and analytical methods to analyze legal issues and explore some of the intersections between the law and economics. Writing proficiency within this discipline is required for a student to receive a passing grade in this course. A student who does not write with the skill normally required of an upper division student in the discipline will not be given a passing grade, no matter how well the student performs other course requirements.

Prerequisite(s): EC 308 (Grade of C- or better) or EC 310 (Grade of C- or better) or EC 508

Writing

EC512 Indust Org Public Policy

Hours 3

The theoretical and empirical study of large industrial firms in a market economy. The focus is on corporate and governmental policies affecting markets.

Prerequisite(s): EC 508

EC513 Economic Forecastg Analysis

C

Hours 3

A survey of the analytical techniques used by economists to forecast the macro- and micro-levels of economic activity and the effects of public policy on the economy. Computing proficiency is required for a passing grade in this course.

Prerequisite(s): EC413 (Grade of C- or better) or EC471 (Grade of C- or better) or EC 571

Computer Science

EC516 Monetary Theory & Policy

Hours 3

Theoretical and empirical analysis of the money supply process, the demand for money, the impact of money on the economy, and the implementation of monetary policy.

Prerequisite(s): EC308 (Grade of C- or better) or 310 (Grade of C- or better) or EC508; and EC309 (Grade of C- or better) or EC 311 (Grade of C- or better) or EC509

EC523 Public Finance

Hours 3

Study of the principles of taxation, government expenditures, borrowing, and fiscal administration.

Prerequisite(s): EC 508 and EC 470

EC530 International Trade

Hours 3

Analysis and policy implications relating to the international movement of goods, resources, and financial assets.

Prerequisite(s): EC 308 (Grade of C- or better) or EC 310 (Grade of C- or better) or EC 508

EC531 International Finance

Hours 3

An examination of the foreign exchange market, exchange rate determination, international financial institutions, and the management of the risks associated with international business.

Prerequisite(s): EC 308 (Grade of C- or better) or EC 310 (Grade of C- or better) or EC 508; and EC 309 (Grade of C- or better) or EC 311 (Grade of C- or better) or EC 509

EC570 Mathematical Economics

Hours 3

An introduction to mathematical tools commonly used in advanced economic theory and econometrics.

EC571 Econometrics

Hours 3

A quantitative analysis of actual economic phenomena based on the current development of theory and observation, related by appropriate methods of inference.

EC572 Financial Econometrics

Hours 3

This course is for master's students in Economics or Finance. It provides students with analytical methods and programming skills for solving issues in financial economics, asset pricing, and risk management.

Prerequisite(s): EC 413 (Grade of C- or better) or EC 513; and EC 471 (Grade of C- or better) or EC 571

EC573 Games and Decisions

Hours 3

An introduction to game theory with emphasis on application. Game theory is a toolbox for analyzing situations where decision makers influence one another.

EC591 Independent Study

Hours 1-6

No description available

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EC592 Internship

Hours 3

No description available

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EC596 Capstone Project

Hours 1-3

This course requires the student to apply his/her knowledge of the field of Economics to recognize operational problems in the field. Further, the student must provide evidence of his/her abilities to communicate understanding of the problem, describe the analysis performed and organize this material effectively for both a written report and corresponding oral presentation.

EC597 Special Topics In Economics

Hours 1-6

None.

EC598 Intro To Econ Research

Hours 1-3

Economics Research.

EC599 Thesis Research

Hours 1-15

Thesis Research.

EC600 Advanced Mathematical Economics

Hours 3

This is a course for incoming Ph.D. students in Economics, Finance, and Accounting. It aims to provide students with advanced mathematical tools needed to understand other Ph.D. courses in Economics and Econometrics. Topics include linear algebra, single/multivariable calculus, unconstrained/constrained optimization, and basic differential/difference equations.

EC610 Seminar In Microeconomic Theor

Hours 3

An advanced study of the modern theory of value and price. The seminar includes demand and supply analysis, marginal analysis, and the monopolistic and competitive structure of markets.

EC611 Seminar in Macroeconomic Theory

Hours 3

Selected topics in contemporary macroeconomic theory, with emphasis on dynamic analysis of cyclical fluctuations, stabilization policies, and growth.

EC612 Sem Industrial Organizat

Hours 3

A survey of selected topics in industrial organization. Both theoretical and applied topics are examined, with special emphasis on recent developments.

EC616 Sem Monetary Economics

Hours 3

Selected topics in contemporary monetary theory, with emphasis on determination of the value of money and the effectiveness of monetary policies.

EC623 Public Expend Policy Analysis

Hours 3

A survey of the public-economics literature, with emphasis on the theory of public goods, public choice, and income distribution policies.

EC624 Political Economy

Hours 3

A survey of selected topics in the field of political economy with an emphasis on voting theory, collective action and rent seeking.

Prerequisite(s): EC 610

EC631 Sem Internationl Finance

Hours 3

A survey of the most important professional literature dealing with international financial management.

EC660 Game Theory

Hours 3

An introduction to non-cooperative game theory. Emphasis on applications in microeconomics and macroeconomics.

Prerequisite(s): EC 610

EC670 Econometrics

Hours 3

Introduction to methods of analyzing economic data. Topics include linear and non-linear least squares, maximum likelihood estimation, statistical inference, and methods for handling data problems.

EC671 Seminar : Econometrics

Hours 3

A study of selected topics and problems in econometrics emphasizing methodology for economic research measurements.

EC672 Financial Econometric Modeling

Hours 3

The application of econometric time-series methods to financial data. GARCH, nonlinear and cointegration models will be emphasized.

Prerequisite(s): EC 571 or ST 570 or EC 670

EC673 Nonparametric Econometrics

Hours 3

This course will discuss the principles of nonparametric methods. It will provide intuitive explanations of theoretical concepts and empirical examples of nonparametric techniques.

EC674 Experimental Economics

Hours 3

This course introduces PhD students to the field of experimental economics. The course covers methodological issues with designing and conducting experiments and interpreting the results.

EC676 Advanced Monetary Policy

Hours 3

This course is geared towards developing skills to conduct research in the areas of monetary theory and policy analysis. It builds on advanced topics that were introduced in Economics 616: Graduate Seminar on Monetary Economics. By the end of the semester, each student should have completed the initial stages of developing a potential dissertation chapter.

Prerequisite(s): EC 611 and EC 616

EC698 Research In Economics

Hours 3

Consists of supervised study and investigation of specific problems in economics and academics. Only open to graduate students beyond first year.

EC699 Dissertation Research

Hours 1-15

This independent research course partially fulfills required doctoral-level research dissertation hours toward the doctoral degree. Under the guidance of their dissertation advisor, students conduct research toward the completion of their doctoral dissertation. Employing various research techniques and methodologies, students work on theoretical and/or applied research topics with the aim of making a novel contribution to the field.

Finance Courses

FI301 Introduction to Financial Institutions and Markets

Hours 3

Overview of the financial systems in which business operates, with emphasis on financial institutions, instruments, and markets.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

FI302 Business Finance

Hours 3

Study of financial objectives of business enterprise, sources of capital, and financial management of business assets. Emphasis is on establishing a framework for making financing, investing, and dividend decisions. Students are limited to three attempts for this course, excluding withdrawals.

Prerequisite(s): (AC 210 or AC 211) and (EC 111 or EC 113)

FI331 Principles of Real Estate

Hours 3

Survey of various aspects of real estate business and economics, including marketing, finance, development, law, appraising, etc.

Prerequisite(s): (EN 101 or EN 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or 112) and (EC 111 or 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

FI341 Fundamentals of Risk Management & Insurance

Hours 3

Introductory study of life insurance and "personal lines" of property insurance, especially homeowners insurance and auto insurance. Economic environment of insurance and how to read and evaluate insurance contracts. Examines different types of life insurance contracts as well as savings and investment alternatives and their uses in estate planning.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

FI360 Personal Asset Management

Hours 3

To teach students about financial assets as vehicles for saving for the future. Students will also learn how to invest in a combination of assets to meet their objectives and how their objectives may change over their life span.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

Prerequisite(s) with concurrency: FI 302

FI389 Financial Analysis and Modeling

C

Hours 3

Introduction to the components of computerized management information systems and applications of computer-based systems to business decisions. Computing proficiency is required for a passing grade in this course.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or 112) and (EC 111 or 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260; and (FI 302 or CE 366)

Computer Science

FI400 Financial Institutions, Markets, and Investment

Hours 3

Builds on the foundation laid in the business core to extend the student's knowledge of basic finance into the areas of operation and management of financial institutions and financial markets and investments.

Prerequisite(s): (EN 101 or EN 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or 112) and (EC 111 or 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260; and FI 302

FI410 Intermediate Financial Mgt

Hours 3

Development of advanced practices of financial management and their application to decision making in the business firm.

Prerequisite(s): (EN 101 or EN 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or 112) and (EC 111 or 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260; and (FI 302 or CE 366)

FI412 Money & Capital Markets

Hours 3

An overall view of the financing process and the role of financial markets. Areas covered are characteristics of instruments traded in money and capital markets; determinants of and the relationships between different asset prices; and international aspects of financial markets.

Prerequisite(s): (EN 101 or EN 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or 112) and (EC 111 or 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260; and (FI 302 or CE 366)

FI414 Investments

Hours 3

Study of the various investment media together with analysis models of investment management. Emphasis is on investment decision making and portfolio analysis.

Prerequisite(s): (EN 101 or EN 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or 112) and (EC 111 or 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260; and (FI 302 or CE 366)

FI415 Advanced Investment Topics

Hours 3

Advanced models for investment management are developed and their application in decision making is discussed. Emphasis is on the use of models for portfolio selection.

Prerequisite(s): FI 414 (Grade of C- or better)

FI416 Monetary Theory & Policy

Hours 3

Analysis of the role of money in the economy and the conduct of monetary policy. Emphasis is given to the money supply process, the demand for money, and the choice of monetary-policy strategies and procedures.

Prerequisite(s): FI 301

FI417 Value Investing: Principles and Practices

Hours 3

Introduction to fundamental, research-based equity investing based on the core principles of value investing as developed by Benjamin Graham and practiced by Warren Buffet.

Prerequisite(s): (EN 101 or EN 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or 112) and (EC 111 or 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260 and FI 302

FI418 Advanced Value Investing

Hours 3

Advanced case-study based course focused on continued development of fundamental equity-investing skills, including idea generation, business/industry research, financial statement analysis and company valuation.

Prerequisite(s): FI 417 (Grade of C- or better)

FI419 Financial Derivatives

Hours 3

Addresses managing financial risks such as adverse stock price movements, adverse interest rate changes and adverse commodity price changes with specific attention given to employing futures, options and swap contracts.

Prerequisite(s): FI 302 and FI 414

Prerequisite(s) with concurrency: FI 302 and FI 414

FI421 Bank Administration

Hours 3

Survey of analytical methods in banking, including study of the powers of various government agencies. Emphasis is placed on managerial aspects of commercial banking.

Prerequisite(s): FI 301 and FI 302 or IE 203 or CE 366

FI427 Probability for Actuaries

Hours 3

The purpose is to assist students in preparation probability exams by actuarial associations. Concepts are reviewed with an emphasis on working problems.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

Prerequisite(s) with concurrency: ST 454 (Grade of C- or better) or MATH 355 (Grade of C- or better)

FI428 Financial Mathematics for Actuaries

Hours 3

The purpose is to assist students in preparation for financial mathematics exams by actuarial associations. Concepts are reviewed with an emphasis on working problems.

Prerequisite(s): (MATH 126 or MATH 146) and (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

Prerequisite(s) with concurrency: ST 455 (Grade of C- or better) or MATH 451 (Grade of C- or better)

FI431 International Finance

Hours 3

Introduction to the field of international finance. Course deals primarily with international financial markets and the macroeconomics of international financial flows. Topics include foreign exchange and international securities markets and international banking.

Prerequisite(s): EC 308 (Grade of C- or better) or EC 310 (Grade of C- or better); and EC309 (Grade of C- or better) or EC 311 (Grade of C- or better)

FI432 Real Estate Appraisal

Hours 3

Study of the sources of real estate value and techniques for estimating property value; study of effective use of appraisal information.

Prerequisite(s): (EN 101 or EN 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201)

Prerequisite(s) with concurrency: FI 331 (Grade of C- or better)

FI434 Real Estate Management

Hours 3

Study to the principles of real property management and covers all aspects of the property management process. Students are shown how to maximize the asset value of income-producing real estate for investors/owners through the use of finance, marketing, and management techniques.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

Prerequisite(s) with concurrency: FI 331 (Grade of C- or better)

FI436 Real Estate Finance and Investments

Hours 3

Study of the institutions of real estate finance and of factors affecting the flow of funds; investment analysis and procedures involved in real estate financing.

Prerequisite(s): (EN 101 or EN 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or 112) and (EC 111 or 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

Prerequisite(s) with concurrency: FI 331 (Grade of C- or better) or FI 341 (Grade of C- or better)

FI440 Life Contingencies I

Hours 3

This is the first of a two-course sequence intended to prepare students for the Long-Term Actuarial Mathematics (LTAM) exam, which is required for actuarial certification by the Society of Actuaries. Concepts are presented with an emphasis on working problems.

Prerequisite(s): MATH 355 or ST 454 and FI 427 and FI 428

FI441 Life Contingencies II

Hours 3

This is the second of a two-course sequence intended to prepare students for the Long-Term Actuarial Mathematics (LTAM) exam, which is required for actuarial certification by the Society of Actuaries. Concepts are presented with an emphasis on working problems.

Prerequisite(s): FI 440

FI442 Business Risk Management

Hours 3

Analysis of risks facing business and governmental entities. Various methods of both controlling the risks and financing the risks, including both insurance and non-insurance alternatives.

Prerequisite(s): (EC 110 or EC 112) and (EC 111 or EC 113) and FI 341 and FI 302 or CE 366

FI443 Property Liability Insurance

Hours 3

Current financial, legal, and social problems concerning the property-liability insurance industry. Role of government in providing insurance and topics in the management of property-liability insurance companies and agencies.

Prerequisite(s): (EC 110 or EC 112) and (EC 111 or EC 113) and FI 341 and (FI 302 or CE 366)

FI444 Life & Health Insurance

Hours 3

Detailed analysis of life insurance and health insurance with emphasis on their role in employee-benefit planning. Specific provisions of qualified retirement plans. Current problems facing the life insurance industry and analysis of the distribution system for life and health insurance. Topics in management of life and health insurance companies and agencies.

Prerequisite(s): (EC 110 or EC 112) and (EC 111 or EC 113) and FI 341 and FI 302 or CE 366

FI450 Loss Models I

Hours 3

This is the first of a two-course sequence intended to prepare students for the Short-Term Actuarial Mathematics (STAM) exam, which is required for actuarial certification by the Society of Actuaries. Concepts are presented with an emphasis on working problems.

Prerequisite(s): MATH 355 or ST 454 and FI 427

Prerequisite(s) with concurrency: MATH 451 or ST 455

FI451 Loss Models II

Hours 3

This is the second of a two-course sequence intended to prepare students for the Short-Term Actuarial Mathematics (STAM) exam, which is required for actuarial certification by the Society of Actuaries. Concepts are presented with an emphasis on working problems.

Prerequisite(s): FI 450

FI460 Advanced Financial Planning

Hours 3

The purpose of this course is to require the student to demonstrate the ability to integrate and apply his or her knowledge of financial planning topics as received through the curricula taught in the Wealth Management Concentration. Through this course, you will apply the financial planning process to real-life situations and to communicate your planning recommendations via both a written plan and an oral presentation.

Prerequisite(s): AC 371, FI 341 (Grade of C- or better), FI 360 (Grade of C- or better) and LGS 403

Prerequisite(s) with concurrency: FI 414 and FI 444

FI472 Financial Econometrics

Hours 3

In this course, we focus on the empirical techniques mostly used in the analysis of financial markets and how they are applied to actual data. We will begin with calculations and stylized facts of financial asset prices and returns. We next introduce statistical and econometric models to capture or reproduce these data features, mainly relying on time series models, estimations and tests. The first application is to apply these techniques to solve the practical financial issue of portfolio optimization. And then, we continue to time-varying asset returns to search for predictors of financial asset returns using CAPM model. To estimate the financial markets/assets fluctuations and the portfolio uncertainty, we start to learn conditional volatility models, including ARCH, GARCH, etc. Finally, from the perspective of risk management, we introduce the tools to estimate market risk of financial assets.

Prerequisite(s): EC 110 and EC 111, and EC 471 (Grade of C- or better) or EC 413 (Grade of C- or better)

FI491 Independent Study

Hours 1-6

Individually directed research and reading - Students can apply a maximum of 6 credits of FI 491 toward their degree.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

FI492 Internship

Hours 1-3

Students are selected through a competitive process for assignments in approved business or public sector organizations. Students can apply a maximum of 3 credits of FI 492 toward their degree.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

FI497 Special Topics In Finance

Hours 1-3

Topics may vary - Students can apply a maximum of 9 credits of FI 497 toward their degree.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

FI504 Financial Management

Hours 1-4

Corporate financial planning and decision making; working capital management, capital budgeting, financing, risk-return analysis, valuation, and dividend policy.

FI505 Corporate Valuation

Hours 3

A case study course that focuses on the valuation of publicly held firms.

FI506 Mergers & Acquisitions

Hours 3

An examination of corporate acquisitions, including firm valuation, bidding contests, and defense managers, as well as the corporate tax and legal environment.

FI510 Financial Management

Hours 3

A course concerned with the management of corporate capital. Emphasis is on analysis of problems.

FI512 Money And Capital Mkts

Hours 3

A detailed analysis of the role of money and capital markets in the financial process and of the influence outside forces have on these markets.

FI514 Investments

Hours 3

An overview of the investment decision process. Areas covered are financial statement analysis, risk measures, stock-price valuation models, and portfolio management.

FI515 Quantitative Investment Analy

Hours 3

Acquaints the student with the quantitative approaches used in modern portfolio theory and investment analysis.

FI516 Monetary Theory & Policy

Hours 3

Theoretical and empirical analysis of the money supply process, the demand for money, the impact of money on the economy, and the implementation of monetary policy.

FI519 Financial Engineering

Hours 3

Advanced quantitative analysis designed to improve managing financial risks such as adverse stock price movements, adverse interest rate changes and adverse commodity price changes, with specific attention given to employing futures, options and swap contracts.

FI520 Financial Risk Management

Hours 3

Advanced methodologies of valuing and managing financial derivative contracts are introduced, including numerical integration, lattice approaches and simulation. A particular emphasis is given to implementing these methodologies as computer programs.

FI522 Bank Administration

Hours 3

A case course examining various aspects of managing a commercial bank in a dynamic environment.

FI531 International Finance

Hours 3

An examination of the foreign exchange market, exchange rate determination, international financial institutions, and the management of the risks associated with international business.

Prerequisite(s): EC 308 (Grade of C- or better) or EC 310 (Grade of C- or better) or EC 508; and EC 309 (Grade of C- or better) or EC 311 (Grade of C- or better) or EC 509

FI534 Seminar In Real Estate

Hours 3

A survey of the major topics and issues in real estate, including real estate investment, alternative financing arrangements, law and agency theory, appraisal, market analysis, taxation, and brokerage.

FI535 Real Estate Invest & Developmnt

Hours 3

A study of the concepts and principles of real property valuation and the analysis of real estate investments.

FI572 Financial Econometrics

Hours 3

This course is for master's students in Economics and Finance. It provides students with analytical methods and programming skills for solving issues in financial economics, asset pricing, and risk management.

FI591 Independent Study

Hours 1-6

No description available

FI592 Internship

Hours 3

No description available

FI596 Capstone Project

Hours 1-3

This course requires the student to apply his/her knowledge of the field of Finance to recognize operational problems in the field. Further, the student must provide evidence of his/her abilities to communicate understanding of the problem, describe the analysis performed and organize this material effectively for both a written report and corresponding oral presentation.

FI597 Special Topics: Finance

Hours 1-6

No description available

FI601 Finance Theory I

Hours 3

Advanced practices of financial management and their application to decision making in the business firm.

FI602 Finance Theory II

Hours 3

An extension of the content of previous courses to summarize modern developments in financial theory.

FI610 Seminar In Finan Mgt

Hours 3

Advanced management theory and techniques in the finance area. Emphasis is on current publications in the academic finance literature.

FI614 Seminar In Investments

Hours 3

Provides an understanding of theoretical and functional aspects of professional investment management theory.

FI624 Financial Markets

Hours 3

This seminar provides for a deep understanding of the monetary and financial system, required of finance specialists in corporate finance, banking, and investments.

FI698 Research In Finance

Hours 3

Consists of supervised study and investigation of specific problems in finance and academics. Only open to graduate students beyond first year.

FI699 Dissertation Research

Hours 1-15

This independent research course partially fulfills required doctoral-level research dissertation hours toward the doctoral degree. Under the guidance of their dissertation advisor, students conduct research toward the completion of their doctoral dissertation. Employing various research techniques and methodologies, students work on theoretical and/or applied research topics with the aim of making a novel contribution to the field.

Legal Studies Courses

LGS200 Legal Environment of Business

Hours 3

Environmental approach to the study of law, including the way the law interrelates, philosophy of law, and sources of law. The relationship among law, business, political influences, and the society is treated. Students are limited to three attempts for this course, excluding withdrawals.

LGS201 Honors Legal Environment of Business

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Hours 3

This course covers the same material as LGS 200, which studies environmental approach to the study of law, but in a depth appropriate for honors students. Topics include the way the law interrelates, philosophy of law, and sources of law. The relationship among law, business, political influences, and the society is treated. Students are limited to three attempts for this course, excluding withdrawals.

University Honors

LGS403 Estates & Trusts

Hours 3

This course treats principles and rules of law relating to wills and inheritances; how the estates of deceased persons are administered; why and how trusts are created and operated; and the duties and settlement of executors, administrators, and trustees.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260

LGS407 Real & Personal Property

Hours 3

This course is concerned with the conveyance of property, deeds, covenants, condemnation of property, rights of landlord and tenant, and bailments.

Prerequisite(s): (EN 101 or 120) and (EN 102 or EN 121 or EN 103 or EN 104) and (MATH 121 or MATH 125 or MATH 145) and (EC 110 or EC 112) and (EC 111 or EC 113) and (AC 210 or AC 211) and (LGS 200 or LGS 201) and ST 260