COURSES FOR ECONOMICS, FINANCE AND LEGAL STUDIES

Economics Courses

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 308 (Grade of C- or better) or EC 310 (Grade of C- or better) or 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): EC 413 (Grade of C- or better) or EC 471 (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): 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

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
SP

Hours 1-6

No description available

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Special Topics Course

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
SP

Hours 1-6

None.

Special Topics Course

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.

EC613 Empirical Industrial Organization
Hours 3

This course is a field course for Ph.D. students in Economics. The course provides a discussion of the topics and methods of Empirical Industrial Organization (IO). It is designed to provide a broad introduction to topics and industries that current researchers are studying as well as to expose students to a wide variety of techniques. It will start the process of preparing economics Ph.D. students to conduct thesis research in the area, and may also be of interest to doctoral students in other fields.

EC614 Behavioral Economics
Hours 3

This course is a field course for Ph.D. students in Economics. This course introduces students to the study of human behavior in individual choices, social interactions, and markets, to explain real world phenomena, not easily explained by standard models of rational decision-making.

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.

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

EC660 Game Theory
Hours 3

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

Prerequisite(s): EC 610

EC661 Macroeconomic Theory II
Hours 3

This course is the second course in the first year course sequence for Ph.D. students in Economics. It provides the tools needed for the analysis of dynamic stochastic general equilibrium (DSGE) models in Macroeconomics.

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 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.

EC691 Independent Study
SP

Hours 3

This course allows students to explore subjects in depth and/or investigate areas not covered through the regular curriculum under the guidance of an individual faculty member.

Special Topics Course

EC697 Special Topics in Economics
SP

Hours 1-6

This independent study course is designed to allow doctoral students to pursue independent exploration of a particular field or topical area, under the guidance of an advisor. Material covered will be of an advanced nature aimed at providing students with an understanding of current developments within the field. Discussion and advisor guidance will be focused on readings and methodologies that allow students to develop their research capacity, independent thought, and the ability to interpret professional and/or research materials in their field.

Special Topics Course

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

FI504 Financial Management for MBA
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 Analys
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 & Develpmnt
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
SP

Hours 1-6

No description available

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Special Topics Course

FI592 Internship
Hours 3

No description available

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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
SP

Hours 1-6

No description available

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Special Topics Course

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.

FI691 Independent Study
SP

Hours 3

The course allows students to explore subjects in depth and/or investigate areas not covered through the regular curriculum under the guidance of an individual faculty member.

Special Topics Course

FI697 Special Topics in Finance
SP

Hours 1-6

This independent study course is designed to allow doctoral students to pursue independent exploration of a particular field or topical area, under the guidance of an advisor. Material covered will be of an advanced nature aimed at providing students with an understanding of current developments within the field. Discussion and advisor guidance will be focused on readings and methodologies that allow students to develop their research capacity, independent thought, and the ability to interpret professional and/or research materials in their field.

Special Topics Course

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.