

BASIC GRADUATE ECONOMICS COURSES

ECON 6331: Quantitative Economic Analysis

Statistical basis for applied economic analysis, which includes discrete and continuous distributions, point estimation, tests of hypotheses, methods of estimation and properties of estimators.

ECON 6337: History of Economic Thought

In this course the student will critically examine classics of economic thought including Adam Smith's *Wealth of Nations*, David Ricardo's *Principles of Political Economy and Taxation*, Leon Walras' *Elements of Pure Economics*, Alfred Marshall's *Principles of Economics*, and John Maynard Keynes' *The General Theory of Employment, Interest and Money*.

ECON 6342: Microeconomic Theory I

Modern microeconomic theory of decision and allocation in a market economy. Topics include theories of the consumer, the firm, and competitive markets under complete and incomplete information.

ECON 6344: Macroeconomic Theory I

Analytic tools of contemporary macroeconomics, including static analysis of classical and Keynesian models and the aggregate behavior of consumers, investors, and asset holders.

ECON 6355: Economic Development of Asia

Economic and social problems of raising standards of living in Asia. Discussion issues include economic growth, growth and the environment, income disparities, the role of trade and foreign investment, and the accompanying political and social changes.

ECON 6365: Economics of Wage and Employment

Determination of wages, hours of work, and labor force participation. Topics in labor demand, unemployment, labor mobility, fertility, income distribution, and union behavior.

ECON 6366: Topics in Industrial Organization and Policy

Selected topics in the structure, conduct, and performance relationships in a variety of industries and public policies toward business.

ECON 6368: Economics of Project Evaluation

Theory and application of project evaluation: welfare, investment decision rules, opportunity cost of public funds, risk and uncertainty; applications from various areas.

ECON 6371: Monetary Policy and Financial Institutions

Analysis of financial markets and institutions, the supply of money, and the formulation and implementation of monetary policy.

ECON 6380: State and Urban Finance

Analysis of government tax and expenditure at the state and local level, with consideration of underlying determinants of local public sector budgets.

ECON 6381: Economic Development of the United States

Analysis of the economic development of the U.S. with emphasis on the interaction of markets and political institutions.

ECON 6394: Applications in Economics

Application of econometric methods for forecasting and policy analysis.

ECON 6397: Regional Economics

Economics of location decisions for firms and residents, spatial pricing, regional factor flows, and regional input-output analysis.

ECON 6398: Readings in Advanced Economics

Independent study supervised by faculty member.

ECON 7331: Econometrics I

Regression analysis and the general linear model. Topics covered include ordinary least squares, heteroskedasticity, autoregression, distributed lags, and generalized least squares.

ECON 7342: Microeconomic Theory II

Continuation of ECON 6342. Topics include market structure, centralized and decentralized decisions, alternative allocation mechanisms, contracts, capital theory, general equilibrium.

ECON 7344: Macroeconomic Theory II

Continuation of ECON 6344. Topics include dynamic analysis, long run growth, stochastic macroeconomics, and theories of expectations. Emphasis on recent literature in macroeconomic theory.

ECON 7349: Game Theory and Economic Behavior

Modeling and analysis of strategic situations. Topics include cooperative game theory, simultaneous-move games and Nash equilibrium, sequential-move games and subgame perfect equilibrium, and applications.

ECON 7350: Economic Growth and International Development

This course presents current work on economic growth and international development, focusing on empirical and quantitative approaches. It will cover a wide range of topics such as development accounting, world income distribution, financial aspects of growth and income determination in open economies, international and regional capital flows, macroeconomic policy, capital market integration, current issues in economic and monetary unions and facts of globalization.

ECON 7351: Development Economics: Microeconomic Issues

Examines the micro foundations of economic development, including education, health, the family, land, credit, risk and institutions. Teaches econometric tools that have been used by researchers to identify causal relationships, including panel data, instrumental variables, randomized experiments and natural experiments.

ECON 7362: Computational Economics

This course explores economic modeling using computational methods. Topics include algorithms for solving models, the numerical analysis of results, and the robustness of the results. An interest in computers is essential; a knowledge of a programming language is useful.

ECON 7364: Experimental Economics

Introduction to experimental methodology as practiced for economic research. Experimental design choices in major papers are discussed, critically appraised, and assessed for their subsequent impact on experimental practice.

ECON 7365: Empirical Labor Economics

This course is designed to serve as an introduction to empirical labor economics. The course has three major parts: labor demand, labor supply, and human capital. Students with no background in labor economics might also want to review the undergraduate textbook Modern Labor Economics by Ehrenberg and Smith.

ECON 7375: Topics in Industrial Organization

Provides an introduction to a wide range of topics in Industrial Organization. Topics covered include industry dynamics, geographic distribution of industrial activity, evolution of industry structure and size distribution of firms, and a variety of empirical techniques used to analyze micro data.

ECON 7376: Industrial Organization

This course examines how industries are organized and how that affects their economic performance. Topics include the modern business firm and its vertical relations, market structure and the marketing strategies it can encourage including innovation, with attention to network industries and their problems of compatibility and standardization.

ECON 7377: Public Finance

Selected topics in the incidence and effects of government revenues, expenditures, and debt.

ECON 7380: Macroeconomic Modeling and Forecasting

Quantitative macroeconomic relationships and econometric forecasting models.

ECON 7387: Economic Analysis of Urban Areas

Markets for housing and sites, determinants of land use patterns. Topics include demand, rent and density gradients, racial discrimination, land use regulation, transportation access.

ECON 7392: Economic History

This course examines the economic history of the United States, Europe, and Asia using the New Institutional

Economics to explain economic growth and institutional change in these regions, particularly focusing on the different models of growth that have emerged in North America, Europe, and Asia.

ECON 7393: Time Series Analysis

Focuses on the theory and application of univariate time series methods. Topics covered include both stationary and nonstationary time series, with an emphasis on inference in nonstationary processes, e.g. unit root tests.

ECON 7396: Topics in Economic Development

The development of world economy, emphasizing preconditions of progress, changes in economic structure, the role of planning, and the problems of underdeveloped economies.

ECON 7398: International Monetary Economics

Exchange rates, balance of payments, macroeconomic policy, international financial markets, and the international monetary system.

ECON 8300: Advanced Seminar in Current Economic Research

Continuation of ECON 7300. May be repeated with consent of instructor.

ECON 8331: Econometrics II

Estimation methods in single-equation and simultaneous equations models. Topics include missing observations, errors in variables, and limited dependent variables.

ECON 8342: Microeconomic Theory III

Concentration on recent microeconomic theory literature.

ECON 8344: Macroeconomic Theory III

Concentration on recent macroeconomic theory literature.

ECON 8361 and 8362: Workshop in Research Methods III and IV

Formulation, execution, and presentation of a research paper in economics.

ECON 8396: International Trade

Causes and consequences of international trade, theories of comparative advantage, theory and measurement of tariffs, capital movements, and multinational corporations.