

Approved Upper-Division Electives for ECON/ENVS Students

*ANY THREE ENVS course numbered 101-179 (one of the three required courses must be based in the natural sciences)

*Three of the following ECON courses:

100B. Intermediate Macroeconomics. F,W,S

Covers major theoretical issues arising in the study of income, employment, interest rates, and the price level. Examines the role of monetary and fiscal policy in economic stabilization. Also considers these issues as they relate to the global economy. Prerequisite(s): courses 1, 2, and 11A or Applied Mathematics and Statistics 11A or Mathematics 11A or 19A. Course 100A is strongly recommended as preparation. The Staff

101. Managerial Economics. F,W

Analysis of the theory and practice of decision making in business firms, applying the concepts and techniques of microeconomics. Topics may include pricing schemes, non-price competition, internal organization of firms, incentive contracts, asymmetric information, and game theory. Case studies are used to illustrate some topics. Prerequisite(s): courses 100A or 100M, and 113. The Staff

102. Forecasting. *

Theory and analysis of long-run and short-run forecasts of economic activity. Emphasis is on empirical applications. Applications of forecasting techniques in organizational settings. Prerequisite(s): courses 100B and 113. The Staff

114. Advanced Quantitative Methods. *

Application of statistical methods to estimating and testing economic relationships, i.e., econometric techniques. Topics include the effects of misspecification, choice of functional form, serial correlation, heteroscedasticity, limited dependent variables, and simultaneous equations. Includes discussion of existing empirical work and econometric projects by students. Prerequisite(s): courses 100A and 113. The Staff

115. Introduction to Management Sciences. S

The scientific study of management decision making. Topics include linear, integer, and non-linear programming. Special emphasis on a wide variety of practical applications, including production scheduling, optimal transportation assignments, and optimal inventory policy. Prerequisite(s): course 100A. The Staff

120. Economic Development. F,S

A comparative approach to the study of the economic development of low-income countries. Various obstacles to growth are identified, and different types of solutions are analyzed. Prerequisite(s): courses 1 and 2. (General Education Code(s): E.) The Staff

128. Poverty and Public Policy. F

Studies the causes, consequences, and governmental response to urban poverty in the U.S. Topics include how public policy, the macroeconomy, race, gender, discrimination, marriage, fertility, child support, and crime affect and are affected by urban poverty. Emphasizes class discussion and research. (Also offered as Legal Studies 128. Students cannot receive credit for both courses.) Prerequisite(s): satisfaction of Entry Level Writing and Composition requirement; courses 100A or 100M; and course 113. Enrollment restricted to economics, business management economics, global economics, legal studies, or economics combined majors. Enrollment limited to 35. (General Education Code(s): W, E.) The Staff

130. Money and Banking. S

The institutional structure of central banking and of bank and nonbank financial intermediation in the U.S.; theoretical and empirical investigations of the role of monetary policy in macroeconomic stabilization and economic growth. Prerequisite(s): courses 100B and 113. The Staff

131. International Financial Markets. W

International financial management analyzes the key financial markets and instruments that facilitate trade and investment activity on a global scale. Inquiry spans two areas: (1) economic determinants of prices in international financial markets; and (2) decisions facing private individuals and enterprises, with topics including capital financing, investment, and risk management. Prerequisite(s): courses 100A and 100B. The Staff

133. Security Markets and Financial Institutions. W,S

An examination of all major financial markets: equities, bonds, options, forwards, and futures. Uses modern financial theory, including asset pricing models such as CAPM and APT. Prerequisite(s): courses 100A or 100M, and 113. The Staff

135. Corporate Finance. F,S

An analysis of financial policies of business enterprises. Topics include cash flow analysis, stock and bond valuation, asset pricing models, capital budgeting, financial market institutions, and financial planning. Prerequisite(s): courses 10A, 100A or 100M, and 113. The Staff

136. Business Strategy. F,W

The strategic management process, techniques for analyzing single-business and diversified companies, implementing strategy, organization, business planning, financial strategy, competitive analysis, entrepreneurial skills. Prerequisite(s): courses 10A and either 100A or 100M. The Staff

136L. Laboratory Business Strategy (2 credits). F,W

Laboratory sequence discussing business simulation game associated with course 136. One three-hour session in microcomputer lab. Prerequisite(s): concurrent enrollment in course 136. The Staff

138. The Economics and Management of Technology and Innovation. F
Examines the analytics of issues in technology and innovation, including cooperation in research and development (R&D), standardization and compatibility, patents and intellectual property rights, and strategic management, using economic models and firm case studies. Prerequisite(s): course 100A or 100M, or permission of instructor. The Staff

139A. The Economics of Electronic Commerce. S
An analysis of the broad spectrum of issues affecting commercial uses of the Internet and the next-generation information infrastructure. Uses economics to examine market structure, pricing quality, intellectual property rights, security, electronic payments and currencies, and public policy implications. Prerequisite(s): course 100A or 100M, or permission of instructor. N. Singh

139B. E-Commerce Strategy. *
Introduction and review of economic principles for e-commerce. Overview of trends in e-commerce. Online retailing of physical products; digital products; financial services; housing and related markets. Online business-to-business transactions. Internet infrastructure industry. Government regulation of e-commerce and business strategy responses. Prerequisite(s): course 139A. N. Singh

140. International Trade. F,S
The theory of international production and trade. The effects of tariffs and quantitative trade restrictions; the nature of economic integration; multinational firms; effects of trade and protection on economic stability and welfare. Prerequisite(s): course 100A or 100M. The Staff

141. International Finance. S
Topics include national accounting, balance of payments theories, parity conditions in international finance, exchange rate determination models, forward-looking financial instruments, international monetary systems, country interdependence and exchange rate regimes, international monetary integration, and Eurocurrency market. Prerequisite(s): course 100B. The Staff

142. Advanced Topics in International Economics. S
Selected issues in contemporary international economics: theory, empirical evidence, and public policy. Seminar emphasizing discussion and individual research. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements, courses 100A or 100M, and 100B; course 113 strongly recommended. (General Education Code(s): W.) The Staff

150. Public Finance. F
Economics of taxation, including incidence, equity issues, efficiency, and supply side effects. Close attention to taxes in the U.S. system and tax-reform issues. Prerequisite(s): course 100A or 100M, and course 100B. The Staff

152. Setting Domestic Priorities. *

Analysis of the economics and political economy of a number of contemporary policy issues facing the U.S.: immigration, affirmative action programs, health care reform, welfare reform, income inequality, education and training, entitlement spending, taxes, and government budgets. Prerequisite(s): course 100A. Course 100B strongly recommended as preparation. The Staff

153. Cost-Benefit Analysis. W

Study of techniques used in evaluating expenditures in the public sector, including the identification and measurement of benefits and costs and a survey of welfare-theory concepts underlying the analysis. A substantial part of the course is assigned to specific case studies. Prerequisite(s): courses 100A and 100B. The Staff

156. Health Care and Medical Economics. *

Health economics theory and review of studies of the health industry, including current topics. Focuses on the structure of the U.S. health care system, including analysis of health policy issues. Relationship to models of perfect competition and efforts at reform. Prerequisite(s): courses 100A and 113. C. Dobkin

160A. Industrial Organization. *

The structure and conduct of American industry with strong emphasis on the role of government, regulation, anti-trust, etc. The evolution of present-day industrial structure. The problems of overall concentration of industry and of monopoly power of firms. Pricing, output decisions, profits, and waste. Approaches include case study, theory, and statistics. (Also offered as Legal Studies 160. Students cannot receive credit for both courses.) Prerequisite(s): course 100A. The Staff

160B. Government and Industry. *

The influence of government regulation on industry and the allocation of resources is rigorously examined using theory and statistics. Areas of regulation include transportation and power, pollution and congestion, rent control, and liability insurance regulation. Both optimal and actual regulation are examined from the point of view of effectiveness, efficiency, social welfare, and re-distribution. Prerequisite(s): course 100A. The Staff

161. Marketing. W,S

The evolution of markets and marketing; market structure; marketing cost and efficiency; public and private regulation; the development of marketing programs including decisions involving products, price, promotional distribution. Prerequisite(s): course 100A or 100M.

The Staff

162. Legal Environment of Business. F

A study of law and the legal process, emphasizing the nature and function of law within the U.S. federal system. Attention is given to the legal problems pertaining to contracts and related topics, business association, and the impact of law on business enterprise. (Also offered as Legal Studies 162. Students cannot receive credit for both courses.) Prerequisite(s): course 100A or 100M. R. Bosso

165. Economics as an Experimental Science. F

The design, execution, and analysis of laboratory experiments in economics. Students study experimental methodology, critically survey the published literature, and design an experiment. Literature includes lab studies of investigations in auctions, markets, social choice theory, and game theory. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements; course 100A or 100M. Enrollment limited to 20. (General Education Code(s): W.) D. Friedman

169. Economic Analysis of the Law. W

The application of the theories and methods of neoclassical economics to the central institutions of the legal system, including the common law doctrines of negligence, contract, and property; bankruptcy and corporate law; and civil, criminal, and administrative procedure. (Also offered as Legal Studies 169. Students cannot receive credit for both courses.) Prerequisite(s): course 100A or permission of instructor. D. Wittman

180. Labor Economics. *

A study of the changing nature and composition of the U.S. labor force. Topics include the demand for and supply of labor; wage determination; the role and impact of unions in the labor market; racial, ethnic, and gender differences in job and income opportunities and the role of discrimination in explaining these differences; and the theory of human capital, all considered from the traditional neoclassical as well as institutional and radical perspectives. Prerequisite(s): courses 1 and 2; courses 100A and 113 are strongly recommended as preparation. The Staff

181. Economics of Real Estate. *

The economics of real estate, including development, financing, construction and land costs, zoning, land use, externalities, and planning. Also considers speculation and real estate appreciation. Prerequisite(s): courses 100A and 100B. The Staff

183. Women in the Economy. F

Study of gender roles in economic life, past and present. Topics include occupational structure, human capital acquisition, income distribution, poverty, and wage differentials. The role of government in addressing economic gender differentials is examined. (Also offered as Legal Studies 183. Students cannot receive credit for both courses.) Prerequisite(s): satisfaction of Entry Level Writing and Composition requirements; courses 1, 2, and 100A or 100M; course 113 strongly recommended. (General Education Code(s): W.) The Staff