

# ECONOMICS (ECON)

- ECON 1A. Introduction to Macroeconomic Analysis. 3 Units**  
**General Education Area/Graduation Requirement:** GE AREA D  
 Introductory inquiry into the workings and interrelationships of the aggregate economic system. The primary focus is on total production and its distribution, employment and price levels, and the forces influencing them. Other considerations are the roles of government, the monetary sector, and related areas.
- ECON 1B. Introduction to Microeconomic Analysis. 3 Units**  
**General Education Area/Graduation Requirement:** GE AREA D  
 Introductory microeconomic analysis of the workings of supply and demand in the determination of price, resource allocation, and distribution. Markets are analyzed as they affect economic efficiency and income distribution.
- ECON 100A. Intermediate Macroeconomic Theory. 3 Units**  
**Prerequisite(s):** ECON 1A, ECON 1B, and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Analysis of the determinants of the aggregate level of output, income, employment and prices.
- ECON 100B. Intermediate Microeconomic Theory. 3 Units**  
**Prerequisite(s):** ECON 1B and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Analysis of household and firm behavior as the foundation of supply and demand.
- ECON 101. History of Economic Thought. 3 Units**  
**Prerequisite(s):** ECON 1A, ECON 1B.  
 Analysis of the development of economic theory from the predecessors of Adam Smith through John Maynard Keynes. The contributions made to the discipline by its principal figures are compared and evaluated.
- ECON 104. Introduction to the United States Economy. 3 Units**  
 One semester survey of the principles of economics, basic methods of economic analysis, and their application to public policy and current events.  
**Note:** Not open to students who have had ECON 1A or ECON 1B or those majoring in economics.
- ECON 110. Cost Benefit Analysis. 3 Units**  
**Prerequisite(s):** ECON 1B and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Examines the rationale for government provision of goods and services and presents cost-benefit analysis as a method to evaluate public participation in a market economy.
- ECON 112. European Economic History. 3 Units**  
**General Education Area/Graduation Requirement:** Humanities (Area C2)  
 Analysis and evaluation of the economic forces and institutions shaping European economic development through the present period. Attention will be paid to the relationship between changes in the economic environment and attendant cultural, political, and ideological developments in the stages of tribalism, slavery, feudalism, capitalism, and socialism.
- ECON 113. Economic History of the United States. 3 Units**  
**Prerequisite(s):** ECON 1A or ECON 104.  
 Consideration of the economic growth and development of the U.S. with emphasis on a theoretical analysis of the economic factors shaping the national destiny.
- ECON 114. The California Economy. 3 Units**  
**Prerequisite(s):** ECON 1A and ECON 1B, or ECON 104.  
 Examination of the process of the development of the State's economy as well as analysis of the various public economic issues that are of contemporary concern to Californians.
- ECON 120. Economics and Environmental Degradation. 3 Units**  
 Analyzes environmental issues as economic issues. Economics as both a cause and cure for environmental destruction.
- ECON 123. Resource Economics. 3 Units**  
**Prerequisite(s):** ECON 1B and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Analyzes the economic based problem of exhaustion in both renewable and non-renewable resources. Emphasis is given to the optimal use of these resources over time and the effects that various market and non-market factors have on their future availability.
- ECON 130. Public Finance. 3 Units**  
**Prerequisite(s):** ECON 1A, ECON 1B, and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade; ECON 100B recommended.  
 Economic analysis of the public sector and its impact on the allocation of resources and the distribution of income. Emphasis given to the economics of government expenditure and taxation.
- ECON 132. State and Local Government Finance. 3 Units**  
**Prerequisite(s):** ECON 1A, ECON 1B, and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Analysis of the economics of state and local government finance, with an emphasis on California's fiscal system.
- ECON 135. Money and Banking. 3 Units**  
**Prerequisite(s):** ECON 1A and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Examines the role of financial markets, the banking system, and the Federal Reserve System in the economy. Included are an introduction to present value and the behavior of interest rates, analysis of money creation, and evaluation of monetary policy.
- ECON 138. Monetary and Fiscal Policy. 3 Units**  
**Prerequisite(s):** ECON 1A, STAT 1, and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade; ECON 100A and ECON 140 recommended.  
 Analyzes the policies of central banks and fiscal authorities as they relate to the stability and growth of the macroeconomy. Examines the theoretical and empirical literature regarding the conduct of monetary and fiscal policy and applies the tools of economic analysis to understand macroeconomic policy debates.
- ECON 140. Quantitative Economic Analysis. 3 Units**  
**Prerequisite(s):** ECON 1A, ECON 1B, STAT 1, and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Examination of the basics of conducting quantitative economic analysis. Included are basic concepts and methods of data analysis and research. Students will examine economic data using spreadsheets, will develop presentation skills, and be introduced to career opportunities.
- ECON 141. Introduction to Econometrics. 3 Units**  
**Prerequisite(s):** ECON 1A, ECON 1B, ECON 140, and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade; ECON 100A or ECON 100B recommended.  
 Covers the basics of regression analysis, estimation, and forecasting.

- ECON 145. Economic Research Methods. 3 Units**  
**Prerequisite(s):** ECON 100A, ECON 100B, ECON 140 with a minimum "C" grade; GWAR certification before Fall 09, WPJ score of 70+, or at least a C- in ENGL 109 M/W.  
 Covers the basics of conducting applied economic research: the selection of topic, literature survey, choice of research method, formulation of hypothesis, testing of hypothesis using empirical analysis, and summary and conclusions. Designed to enhance the students ability to integrate economic theory, quantitative research skills, and research.
- ECON 150. Labor Economics. 3 Units**  
**Prerequisite(s):** ECON 1A, ECON 1B, and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Economic analysis of labor markets, with special reference to employment, wage determination, and the role of government.
- ECON 152. Economics of Education. 3 Units**  
**Prerequisite(s):** ECON 1B and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Introduction to the various aspects of the economics of education. Applies the tools of economic analysis to education policy and problem solving. Topics include cost-benefit analysis of education, the signaling vs. human capital debate, race and gender issues in education, education production functions, and financing education at the elementary, secondary, and post-secondary levels. Emphasis placed on individual and social choice in education.
- ECON 153. Health Economics. 3 Units**  
**Prerequisite(s):** ECON 1B and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Introduction to the field of health economics. Applies the tools of economics to the production of health and health care. Special emphasis on health care institutions, the role of industry, health care reform, and the role of government, in addition to the public provision of care to the disadvantaged.
- ECON 160. Industrial Organization. 3 Units**  
**Prerequisite(s):** ECON 1B and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Analyzes firm decision-making in a variety of market settings. Topics include pricing and output decisions, entry and exit issues, marketing strategies, horizontal mergers, vertical integration, technological change, and U.S. antitrust policy.
- ECON 161. Fundamentals of Game Theory. 3 Units**  
**Prerequisite(s):** ECON 1B, STAT 1, and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 An analysis of strategic games with sequential or simultaneous moves under complete information and uncertainty. Discussion of theory and techniques is combined with examination of specific classes of games and their application to real-world examples such as markets, voting, auctions, and international relations
- ECON 162. Energy Economics. 3 Units**  
**Prerequisite(s):** ECON 1B and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Analyzes the structure, conduct, and consequences of domestic and international energy markets. Particular emphasis on regulated industries including petroleum, electrical, and other power sources. The economic impact on energy markets of emerging technology is examined.
- ECON 170. Public Economics and Regulation. 3 Units**  
**Prerequisite(s):** ECON 1B and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Examination of government regulation of industry in the North American context: transportation, communication, energy, and other industries. Issues include deregulation, public ownership, pricing, and investment.
- ECON 180. Urban Economics. 3 Units**  
**Prerequisite(s):** ECON 1B and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Economic analysis and appraisal of models of urban development. Includes consideration of the rise of cities, land use, unemployment, poverty, housing, urban renewal, transportation, and the local public sector.
- ECON 181. Economics of Racism. 3 Units**  
**General Education Area/Graduation Requirement:** Race & Ethnicity Graduation Requirement (RE), GE AREA D  
 Economic analysis of the origins and development of racism, focusing mainly on its impact in the U.S. Differing theoretical explanations surrounding racism will be compared and evaluated.
- ECON 184. Women and the Economy. 3 Units**  
 Investigation of the current economic status of women in the U.S., of past and present economic discrimination experienced by women in the labor market, of the historical reasons for that discrimination and of the means and methods of ending that discrimination.
- ECON 186. Sports Economics. 3 Units**  
**Prerequisite(s):** ECON 1B and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Applies the essential economic concepts and develops them with examples and applications from the sports industry. Covers basic economic concepts: economic principles, supply and demand, perfect competition, and monopoly behavior. It also applies these concepts to a variety of topics: the public finance of sports franchises, the costs/benefits of a sports franchise to a city, labor markets and labor relations, discrimination, and amateurism and college sports.
- ECON 189. Economics at the Movies. 3 Units**  
 Analysis of the use and treatment of economic theory and history in popular American films. Emphasis is placed on the topics of game theory, industrial organization, entrepreneurship, law and economics, labor economics, the stock market, and American economic history. The entertainment industry will also be examined from an economic perspective.
- ECON 190. International Trade. 3 Units**  
**Prerequisite(s):** ECON 1A, ECON 1B and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Analysis of the causes and results of trade among nations. Introduction to modern trade theory is combined with examination of trade instruments and policy analysis.
- ECON 192. International Finance. 3 Units**  
**Prerequisite(s):** ECON 1A, ECON 1B and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 Critical examination of the theories and practices of financing trade among nations. International financial and monetary theories focus on how the world and financial system works, given globalization and international economic integration.

- ECON 193. Development Economics.** 3 Units  
**Prerequisite(s):** ECON 1A, ECON 1B, and MATH 24 or MATH 26A or MATH 30 with a minimum "C" grade.  
 An analysis of the factors involved in the growth of economies. The focus is on the application of development economics and growth theory to the process of economic growth in developing countries. Particular attention is given to variables that explain growth, namely, technological progress, population growth, saving, trade, human capital and education, and the role of institutions.
- ECON 195. Economic Internship.** 1 - 3 Units  
 Supervised economic-related work experience, research, or teaching assistance to provide an opportunity for the student to apply principles and theories learned in the classroom to the "real world."  
 Credit/No Credit
- ECON 197A. Economics Exchange Mentee.** 1 Unit  
**Prerequisite(s):** Instructor permission.  
 Provides opportunity for lower division students, transfer students, and newly declared majors to be mentored by more advanced upper division students or graduate students. The peer mentoring will help students meet academic deadlines, achieve academic success, become engaged in campus activities and get integrated into the Economics Department.  
**Note:** Units may not be applied towards unit requirement of the Economics major.  
 Credit/No Credit
- ECON 197B. Economics Exchange Mentor.** 1 - 3 Units  
**Prerequisite(s):** Upper division or graduate student standing and instructor permission.  
 Provides opportunity for advanced upper division students or graduate students to mentor lower division students. The peer mentoring will help students meet academic deadlines, achieve academic success, become engaged in campus activities and be integrated into the Economics Department.  
**Note:** Units may not be applied towards unit requirement of the Economics major; May be repeated for up to 3 units credit from ECON 197A & ECON 197B combined.  
 Credit/No Credit
- ECON 198. Tutoring in Economics.** 1 - 3 Units  
 Supervised tutorials at educational institutions including Sacramento State where and when appropriate arrangements can be made. Prior approval for tutoring must be obtained from the Economics Department. Emphasis is on the development of effectiveness in the teaching of economics.  
 Credit/No Credit
- ECON 199. Special Problems.** 1 - 3 Units  
 Individual projects or directed reading. Admission requires approval of the faculty sponsor and the Department Chair.  
 Credit/No Credit
- ECON 200A. Advanced Macroeconomic Theory.** 3 Units  
**Prerequisite(s):** ECON 141 and ECON 200M.  
 Theories of the determinants of aggregate income, employment and prices. May be taken independently of ECON 200B.
- ECON 200B. Advanced Microeconomic Theory.** 3 Units  
**Prerequisite(s):** ECON 200M.  
 Theories of the consumer, producer, and market structure. May be taken independently of ECON 200A.
- ECON 200C. Advanced Applied Economics.** 3 Units  
**Prerequisite(s):** ECON 200A, ECON 200B, and ECON 241.  
 Applies empirical analysis to topics in microeconomics and macroeconomics. Topics may include stationarity, vector autoregression, vector error correction models, calibration, fixed effects, instrumental variables, multinomial logit, and duration models. Students implement these models using econometric software. Students will write an empirical paper intended to become a prospectus for the master's thesis.
- ECON 200M. Mathematics for Economists.** 3 Units  
**Prerequisite(s):** ECON 100A, ECON 100B, MATH 26A.  
 Equips students with the mathematical techniques necessary for the study of economics and econometrics at the graduate level. Covers linear algebra, derivatives, comparative static analysis, optimization, integrals, and differential equations, with specific applications from economic and econometric theory.
- ECON 204. Business Economics.** 3 Units  
 Intensive one-semester course covering both macroeconomics and microeconomics. Emphasis is on economic analysis and policy. Designed for graduate students who have not taken ECON 1A and ECON 1B or their equivalents.
- ECON 213. U.S. Economic Development in Historical Perspective.** 3 Units  
**Prerequisite(s):** Admission to MA program in Economics.  
 Introduction and analysis of American economic development from a historical perspective, focusing on the trajectory of American economic development from recent advances in theoretical and empirical economics literature. Cover topics on long-term economic growth, technological change, business cycles and fluctuations, financial markets, labor markets, and economic impacts of social change.
- ECON 230. Public Finance.** 3 Units  
**Prerequisite(s):** ECON 200B.  
 An analysis of the allocation and distribution effects of government expenditures and taxation.
- ECON 238. Monetary and Fiscal Policy.** 3 Units  
**Prerequisite(s):** ECON 200A.  
 Analyzes the policies of central bank and fiscal authorities as they relate to full employment and stability of the national economy.
- ECON 241. Applied Econometric Analysis.** 3 Units  
**Prerequisite(s):** ECON 141  
**Corequisite(s):** ECON 200M  
 Applied econometric analysis with emphasis on the use of econometric techniques in economic research settings, expressing economic theory in the form of econometric models, data collection, estimation, and interpretation of results. Students work individually or as a team on a current research topic from various fields of economics preselected or approved by instructor.
- ECON 251. Urban Problems, Economics and Public Policy.** 3 Units  
 Historical development, economics and possible policy solutions of the most pressing problems facing central cities and urban areas in the U.S. are presented. Problems discussed include poverty, crime, urban abandonment/suburban sprawl, edge cities, deteriorating infrastructures, and fiscal stress.  
 Cross Listed: PPA 251; only one may be counted for credit.

**ECON 260. Industrial Organization and Performance. 3 Units**

**Prerequisite(s):** Classified graduate status in Economics or instructor permission.

A modern analysis of industry structure, conduct, and performance. Emphasis is placed on the use of game theory to address firm behavior, including price and output decisions, entry and exit, horizontal mergers, technological change, and marketing issues.

**ECON 263. Food Economics. 3 Units**

**Prerequisite(s):** Graduate standing or instructor permission.

Introduction to advanced economic theory and econometric methods applied to the economics of food with emphasis on food consumption and the complexity of individual food choices. Utilizing cost-benefit analyses and concepts like constrained utility maximization, household production, opportunity costs of time, and information search, implications for a global food system will be derived. We will apply learned concepts to health and environmental concerns by discussing the recent applied economics and policy evaluation literature.

**ECON 265. Cost Benefit Analysis. 3 Units**

Examination of the theories, foundations, and philosophies of economic welfare. Specifically, the basic techniques of cost-benefit analysis will be presented and applied to various policy issues.

**ECON 290. International Trade. 3 Units**

**Prerequisite(s):** Classified graduate status in Economics or instructor permission.

Analysis of modern trade theories, their empirical relevance, and the role of multinational firms in the evolution of international trade patterns. Discussion focuses on theoretical and empirical evaluation of trade policy instruments. Various trade agreements are also discussed in the context of economic integration and globalization. Attention is also given to foreign direct investment as a vehicle of globalization and the challenges it poses to both multinational firms and host countries.

**ECON 295. Economic Internship. 1 - 3 Units**

Supervised work experience or research on economic topics in government, financial, business, charitable or other kinds of institutions to provide an opportunity for the student to apply principles and theories learned in the classroom to the "real world." Partial supervision may be supplied by persons in the institution under study.

Credit/No Credit

**ECON 298. Tutoring In Economics. 1 - 3 Units**

Supervised tutorials at educational institutions including Sacramento State where and when appropriate arrangements can be made. Prior approval for tutoring must be obtained from the Economics Department. Emphasis is on the development of effectiveness in the teaching of economics.

Credit/No Credit

**ECON 299. Special Problems. 1 - 3 Units**

Individual projects or directed reading. Admission requires approval of the faculty sponsor and the Department Chair.

Credit/No Credit

**ECON 500. Master's Thesis. 3 Units**

**Prerequisite(s):** Advanced to candidacy and chair permission of his/her thesis committee.

Completion of a thesis approved for the Master's degree. Should be taken in final semester prior to the completion of all requirements for the degree.