

ECONOMICS (ECO)

Economics (ECO) Courses

ECO 2003. Economic Principles and Issues. (3-0) 3 Credit Hours. (TCCN = ECON 1301)

A nontechnical introduction to economic concepts such as scarcity, costs and benefits, supply and demand, trade, employment, and growth, with applications to current economic issues and policies. This course is designed for nonbusiness majors and cannot be applied toward a degree in the Carlos Alvarez College of Business. May be applied toward the core curriculum requirement in Social and Behavioral Sciences. Generally offered: Fall, Spring, Summer. Course Fees: BISP \$10; BTSI \$15.41; DL01 \$75; LRB1 \$15.41; LRC1 \$12.

ECO 2013. Introductory Macroeconomics. (3-0) 3 Credit Hours. (TCCN = ECON 2301)

Economic analysis at the national level, including the determination of aggregate income and employment, operation of the domestic and international monetary systems, short-term income fluctuations, and long term economic growth. Differential Tuition: \$126. Course Fee: BISP \$10; BTSI \$15.41; DL01 \$75; LRB1 \$15.41.

ECO 2023. Introductory Microeconomics. (3-0) 3 Credit Hours. (TCCN = ECON 2302)

Prerequisite: Placement into a college-level mathematics course. An introduction to the economic theory of decision making by consumers and business firms; an analysis of the domestic and international market systems and their roles in allocating goods and services; and problems of market failure. May be applied toward the core curriculum requirement in Social and Behavioral Sciences. Generally offered: Fall, Spring, Summer. Course Fees: BISP \$10; BTSI \$15.41; DL01 \$75; LRB1 \$15.41; LRC1 \$12.

ECO 3013. Intermediate Microeconomics. (3-0) 3 Credit Hours.

Prerequisite: Completion of ECO 2023, and MAT 1133, or their equivalents, with a grade of "C-" or better. The study of price determination in and the welfare implications of various market structures through the development of the preference theory of consumer behavior and the profit maximization theory of producer behavior. The role and welfare impact of externalities and of government actions are also examined. (Formerly titled "Theory of Price." Credit cannot be earned for both "Theory of Price" and "Intermediate Microeconomics.") Generally offered: Fall, Spring. Differential Tuition: \$126.

ECO 3033. Economics of Managerial Decisions. (3-0) 3 Credit Hours.

Prerequisites: Completion of ECO 2013, ECO 2023, and MAT 1133, or their equivalents, with a grade of "C-" or better. Managerial economic decisions in firms and related entities. Topics include demand analysis, least-cost production, profit strategy, the influence of various market structures on the firm, advanced issues in pricing, and the impact of the international sector. Generally offered: Fall, Spring. Differential Tuition: \$126.

ECO 3053. Intermediate Macroeconomics. (3-0) 3 Credit Hours.

Prerequisite: Completion of ECO 2013, ECO 2023, and MAT 1053, or their equivalents, with a grade of "C-" or better. Analysis of the measurement, determination, and control of aggregate economic activity such as national income, output, employment, interest rates, inflation, and exchange rates. The roles of monetary and fiscal policy and their relation to income and employment, short-term income fluctuations, and long-term growth are also explored. Differential Tuition: \$126. Course Fee: DL01 \$75.

ECO 3113. Introduction to Mathematical Economics. (3-0) 3 Credit Hours.

Prerequisites: Completion of ECO 2013, ECO 2023, and MAT 1133, or their equivalents, with a grade of "C-" or better. Systematic approach to economic analysis using algebra and calculus; modeling and treatment of optimizing behavior with applications to micro and macro economics; emphasis on understanding and application of analytical techniques. Generally offered: Fall, Spring. Differential Tuition: \$126. Course fee: DL01 \$75.

ECO 3123. Introduction to Econometrics. (3-0) 3 Credit Hours.

Prerequisites: Completion of MAT 1133, and one of STA 1053 or STA 3003 or MS 1023, or their equivalents, and with a grade of "C-" or better. An introduction to statistical techniques for estimating economic relationships, testing economic theories, and evaluating government and business policy. Major topics include causal inference in the analysis of non-experimental data and implementing common econometric methods in statistical software. (Formerly titled "Introduction to Econometrics and Business Forecasting.") Generally offered: Fall, Spring. Differential Tuition: \$126.

ECO 3163. Evolution of Economic Thought. (3-0) 3 Credit Hours.

Prerequisite: Completion of one of the following: ECO 2003, ECO 2013, ECO 2023, or the equivalent, with a grade of "C-" or better. Development of economic theories, models, and schools of thought from the birth of market economies to the present, with an emphasis on the historical, institutional, and social forces shaping economic thinking and public policy. Differential Tuition: \$126.

ECO 3183. Economic History of the United States. (3-0) 3 Credit Hours.

Prerequisite: Completion of one of the following: ECO 2003, ECO 2013, ECO 2023, or the equivalent, with a grade of "C-" or better. The growth and development of the American economy from colonial times to the present; emphasis on applying a variety of economic concepts to a topical study of the economic forces that shaped the country's history. Differential Tuition: \$126.

ECO 3193. International Economics. (3-0) 3 Credit Hours.

Prerequisite: Completion of ECO 2003 or ECO 2023, or the equivalent, with a grade of "C-" or better. Principles of international trade; significance of geographic, economic, social, and political influences; current problems in international trade and payments; tariffs and commercial policy; and the role of international organizations. (Formerly titled "The International Economy.") Generally offered: Fall, Spring. Differential Tuition: \$126.

ECO 3213. Economics of Antitrust and Regulation. (3-0) 3 Credit Hours.

Prerequisite: Completion of ECO 2003 or ECO 2023, or the equivalent, with a grade of "C-" or better. Theory and practice of governmental regulation, deregulation, and privatization; economic, legal, and ethical concerns regarding private-sector output; and pricing as influenced by public policy and marketing structure. Differential Tuition: \$126.

ECO 3223. Sports Economics. (3-0) 3 Credit Hours.

Prerequisite: ECO 2023. The course examines the impact of the sports industry on the U.S. and other global economies. The emphasis is given to the topics related to sport economics in the areas of industrial organization, public finance, and labor markets. Current sports-related economic policy issues are also addressed. Differential Tuition: \$126.

ECO 3233. Health Economics and Policy. (3-0) 3 Credit Hours.

Prerequisite: Completion of ECO 2003 or ECO 2023, or the equivalent, with a grade of "C-" or better. The course examines and analyzes the ever-changing role of healthcare and its impact on the economy and society. Social issues with respect to healthcare in the U.S. and world markets are analyzed using economics principles. Current healthcare related topics are addressed. Differential Tuition: \$126.

ECO 3253. Economics of Public and Social Issues. (3-0) 3 Credit Hours.

Prerequisite: Completion of ECO 2003 or ECO 2023, or the equivalent, with a grade of "C-" or better, or consent of instructor. A seminar on applying economic reasoning and models to a wide variety of public, ethical, and social issues. Differential Tuition: \$126.

ECO 3313. Money and Banking. (3-0) 3 Credit Hours.

Prerequisite: ECO 2013 and MAT 1053, or their equivalents. A study of money, the financial system, interest rates, commercial and central banking, monetary theory and policy implementation by the Federal Reserve, and resultant economic impacts both nationally and internationally. (Credit cannot be earned for both ECO 3313 and FIN 3313.) Differential Tuition: \$126. Course Fee: DL01 \$75.

ECO 3413. Environmental Economics. (3-0) 3 Credit Hours.

Prerequisites: Completion of ECO 2023 and MAT 1053, or their equivalents, with a grade of "C-" or better. Economic principles applied to environmental problems. Topics include benefit-cost analysis of environmental policies, valuation of environmental goods and services, pollution control, natural resource management, and climate change. (Formerly ECO 4273. Credit cannot be earned for both ECO 3413 and ECO 4273.) Differential Tuition: \$126.

ECO 3513. Economics of Migration. (3-0) 3 Credit Hours.

Prerequisite: ECO 2023, or the equivalent. An exploration of motives to migrate and the resulting socio-economic effects on migrants and the origin and destination countries. The design and implementation of immigration policies are also analyzed. Both theoretical models and empirical findings form the basis of study. Differential Tuition: \$126.

ECO 4233. Behavioral Economics and Finance. (3-0) 3 Credit Hours.

Prerequisites: Completion of ECO 2013, ECO 2023, and MAT 1133, or their equivalents, with a grade of "C-" or better. This course introduces the behavioral concepts and theories. Topics include prospect theory, biases in probabilistic judgment, and nudge theory. Issues on how to apply these behavioral concepts to real life, focusing on improving decision making in health, financial wealth, and happiness are addressed. Differential Tuition: \$126.

ECO 4303. Development Economics. (3-0) 3 Credit Hours.

Prerequisites: Completion of ECO 2013 and ECO 2023, or their equivalents, with a grade of "C-" or better. Specific economic problems of developing countries and national groupings; basic approaches to economic development; major proposals for accelerating development; role of planning; and trade, aid, and economic integration. (Formerly titled "Economics of Developing Countries.") Differential Tuition: \$126. Course fee: DL01 \$75.

ECO 4413. Game Theory. (3-0) 3 Credit Hours.

Prerequisites: ECO 3013 and MAT 1133, or their equivalents, with a "C-" or better. A study of strategic decision-making in interactive situations, with an emphasis on economics and business applications, including oligopolies, pricing, bargaining, and incentive contracts. The strategic role of commitment, credibility, unpredictability, and pre-emption are explored. Differential Tuition: \$126.

ECO 4513. Industrial Organization. (3-0) 3 Credit Hours.

Prerequisites: Completion of ECO 3013 and MAT 1133, or their equivalents, with a grade of "C-" or better. Theory and empirical evidence relating to the structure of industry and its effect on firms' conduct and performance, as well as the role of government policy and regulation on market competition and performance. (Formerly ECO 3263. Credit cannot be earned for both ECO 4513 and ECO 3263.) Differential Tuition: \$126.

ECO 4553. Public Economics. (3-0) 3 Credit Hours.

Prerequisite: Completion of ECO 3013 and MAT 1133, or their equivalents, with a grade of "C-" or better. Role of government in the economy, externalities and public goods, efficiency and equity analysis of taxation, incentives within government, fiscal federalism, discrimination and inequality, public policy issues. (Formerly ECO 3273. Credit cannot be earned for both ECO 4553 and ECO 3273.) Differential Tuition: \$126.

ECO 4583. Labor Economics. (3-0) 3 Credit Hours.

Prerequisites: ECO 3013 and MAT 1133, or their equivalents, with a grade of "C-" or better. Application of microeconomic theory to wage and employment determination in labor markets. Theoretical and empirical evaluation of current and proposed labor market regulations such as minimum wages, taxes, and universal basic income. Differential Tuition: \$126.

ECO 4813. Seminar on Research in Economics. (3-0) 3 Credit Hours.

Prerequisites: ECO 3013, ECO 3053, ECO 3123, and a major grade point average of 3.0 or higher, or consent of instructor and department chair. A seminar exploring the essential steps in the practice of research in economics: critical reading of existing literature, formulation of the research question, development of models or empirical strategies, writing of the research paper, and presentation of research findings. Differential Tuition: \$126.

ECO 4913. Independent Study. (0-0) 3 Credit Hours.

Prerequisites: A 3.0 Carlos Alvarez College of Business grade point average, permission in writing (form available) from the instructor, the Department Chair, and the Dean of the College. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor's degree. Differential Tuition: \$126.

ECO 4933. Internship in Economics. (0-0) 3 Credit Hours.

Prerequisites: 12 semester credit hours of upper-division economics, a 2.5 UTSA grade point average, and permission in writing from the instructor, the Department Chair, and the Dean of the Carlos Alvarez College of Business (see academic advisor for required forms). This opportunity for work experience in research or applied economics may be undertaken either in private business or a public agency; opportunities are developed in consultation with the faculty advisor and Department Chair and require approval of both. May be repeated once for credit (for a total of 6 semester credit hours), provided they are with different organizations. Differential Tuition: \$126.

ECO 4953. Special Studies in Economics. (3-0) 3 Credit Hours.

Prerequisite: Consent of instructor, Department Chair, and Dean of the College. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies may be repeated for credit when topics vary, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor's degree. Differential Tuition: \$126.