

ECONOMICS (ECON)

ECON G100 3 Units (54 lecture hours)

Introductory Economics

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC.

This course offers an introduction to the fundamentals of economics and provides a survey of both microeconomic and macroeconomic principles for students from all academic disciplines. Students will explore concepts such as supply and demand, market structures, inflation, and fiscal policy, and will gain practical insights into how economics affects everyday life and global dynamics. No credit for ECON G100 if taken after ECON G170 or ECON G175.

ECON G105 3 Units (54 lecture hours)

Consumer and Financial Math

Prerequisite(s): Course taught at the level of elementary algebra or appropriate math placement.

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU.

This course provides an exploration of the use of mathematics related to consumer and financial applications. The course will utilize basic mathematical concepts applied to the real world and society for consumers, business, money, and banking.

ECON G110 3 Units (54 lecture hours)

Economic Issues and Policy

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC.

Formerly: Contemporary Economic Issues and Problems. This course provides an introduction to the basic tools and concepts of economic analysis with an emphasis of applying economic theory to current problems and issues. Topics include scarcity, decision making, supply and demand, and the effects of policy applied to selected issues such as crime, drug control, healthcare, pollution, and poverty.

ECON G115 3 Units (54 lecture hours)

Mathematical Game Theory

Prerequisite(s): Course taught at the level of intermediate algebra or appropriate math placement.

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC.

Formerly: Game Theory. This course provides an introduction to the mathematics of game theory. The course will explore game strategies and interactions between rational decision makers. It will use mathematical techniques and probabilities to calculate and maximize outcomes of multiplayer games. The course will build game theory frameworks to apply to games including Prisoner's Dilemma, games of chance, strategic games, and real world applications of market competition and international relations.

ECON G120 3 Units (54 lecture hours)

Economic History of The United States

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC.

This course is identical to HIST G110. This course explores the economic history of the United States from the colonial period to the present. Emphasis is placed on the factors and forces contributing to U.S. economic development, evaluating the various agents of growth, and attempted solutions to economic problems. This course utilizes primary and secondary sources to examine the changing nature of American capitalism and U.S. involvement in the global economy. Enrollment Limitation: HIST G110; students who complete ECON G120 may not enroll in or receive credit for HIST G110.

ECON G130 3 Units (54 lecture hours)

Environmental Economics and Policy

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC.

Formerly: ENV5 G100 Introduction to Environmental Studies. This course provides an introduction to environmental studies that focuses on resource allocation, environmental issues, and environmental policy. The course is an interdisciplinary perspective on the biological processes of air, soil, and water; an analysis of human impact on the environment; and policies to foster sustainable development. The course evaluates problems of natural resource use, environmental quality, and pollution. Examines policies used to correct market failures of natural resources both nationally and internationally.

ECON G135 3 Units (54 lecture hours)

International Political Economy

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC.

This course is identical to PSCI G135. This course examines the relationship between economics and political science through an international lens. Students will explore a range of topics that bridge the gap between politics and economies by analyzing complex issues that include global disparities, the rise of emerging markets, and the strategic interaction between international actors and policy. Enrollment Limitation: PSCI G135; students who complete ECON G135 may not enroll in or receive credit for PSCI G135.

ECON G160 3 Units (54 lecture hours)

Statistics for Business and Economics

Prerequisite(s): Course taught at the level of intermediate algebra or appropriate math placement.

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC: Credit Limitation: BIOL G260, ECON G160, MATH G103, MATH G160, MATH G160S, STAT C1000, STAT C1000E, PSYC G140, and SOC G125 combined: maximum credit, 1 course.

This course introduces probability techniques, hypothesis testing and predictive techniques to facilitate decision-making. Topics include descriptive statistics, probability and sampling distributions, statistical inference, correlation and linear regression, chi-square and t-test, and application of technology for statistical analysis and interpretation of statistical findings. Provides an introductory statistics course for business and economics majors and provides applications using data from business, social science, sciences, and education. Enrollment Limitation: STAT C1000/STAT C1000E/PSYC G140/SOC G125; students who complete ECON G160 may not enroll in or receive credit for STAT C1000, STAT C1000E, PSYC G140, or SOC G125.

ECON G170 3 Units (54 lecture hours)

Principles of Microeconomics

Prerequisite(s): Course taught at the level of intermediate algebra or appropriate math placement.

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC.

Formerly: ECON G180 Principles of Micro Economics This course offers an introduction to the concepts and tools of economic analysis. The course studies economic theory of scarcity, resource allocation, price theory, supply and demand, costs of production, and analysis of individual and firm behavior in markets. Topics include the effect of competition on markets, the causes of market failure, and impact of government policies on market outcomes. **C-ID:** ECON 201.

ECON G175 3 Units (54 lecture hours)

Principles of Macroeconomics

Prerequisite(s): Course taught at the level of intermediate algebra or appropriate math placement.

Grading Mode: Standard Letter, Pass/No Pass

Transfer Credit: CSU; UC.

Formerly: ECON G285 Principles of Macro Economics. This course is an introductory course applying economic analysis to the aggregate economy. Topics include measurement of economic activity, money and financial institutions, monetary and fiscal policy, long run growth, and international trade. The course will explore economic fluctuations in the economy, the causes of recessions, gains from trade, and global economic disparities. **C-ID:** ECON 202.