ECONOMICS (ECON)

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. Graded or Pass/No Pass.

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. Graded or Pass/No Pass option.

ECON G115 **3 Units (54 lecture hours; 0 lab hours)**
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.

This course provides an introduction to the mathematics of game theory. The course will explore game strategies and interactions between rational decision makers. 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. Graded or Pass/No Pass option.

ECON G130 **3 Units (54 lecture hours)**
Environmental Economics and Policy
Grading Mode: Standard Letter, Pass/No Pass
Transfer Credit: CSU; UC.

Formerly: ENVS 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. Graded or Pass/No Pass option.

ECON G135 **3 Units (54 lecture hours)**
Political Economy
Advisory: ECON G175 and PSCI G100.

Grading Mode: Standard Letter, Pass/No Pass
Transfer Credit: CSU; UC.

This course focuses on the interaction of political and economic structures within the international system. Students will investigate the role of different economic and political factors, including international actors, in the development of economies and political systems. Students will analyze past and current issues using economic and political concepts and theories. Graded or Pass/No Pass.

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 and PSYC G140 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. Graded or Pass/No Pass option.

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. Graded or Pass/No Pass option. **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. Graded or Pass/No Pass option. **C-ID:** ECON 202.