

# ECONOMICS (ECO)

## ECO 1301 Survey of Economics

This course introduces open market economics to non-business and non-economics students. It is intended to provide a non-technical study of the dynamics of supply and demand of commodities and services, the flow of funds among open market economies, how changes in economic indicators affect daily life, and how the daily life of individuals can affect the economy in which they live. (For non-business majors only.)

TCCN: ECON 1301

## ECO 1399 Special Issues in Economics

This course examines selected current topics in areas relating to economics.

Prerequisites: Permission of instructor.

## ECO 2301 Principles of Macroeconomics

Introduction to economic phenomena and issues that affect the entire economy; measurement and determination of national income, employment, and price; introduction to monetary and fiscal policy analysis; the effects of government deficits and debt, exchange rates, and trade balances.

Prerequisites: Completion of Texas Success Initiative (TSI) Mathematics requirements or appropriate level developmental course sequence.

TCCN: ECON 2301

## ECO 2302 Principles of Microeconomics

Introduction to principles of economics and decision making at the individual firm, consumer, and industry level; resource allocation and the price system; demand and supply theory, theory of production and profit maximization; and interaction of demand and supply. .

Prerequisites: Completion of Texas Success Initiative (TSI) Mathematics requirements or appropriate level developmental course sequence.

TCCN: ECON 2302

## ECO 3310 Money and Banking

An introductory examination of monetary and banking systems. The material to be covered includes: functions of money and evolution of the payment systems, financial markets, understanding interest rates, the role of the Federal Reserve System, bank supervision, the international financial system, money supply and demand, the transmission mechanisms of the monetary policy, and the relations between money and inflation.

Prerequisites: ECO 2301 and ECO 2302.

## ECO 3320 Managerial Economics

Application of economic analysis for decision making in business; relationship between the firm, consumers and the marketplace; market structures, pricing policies, production possibilities and planning.

Prerequisites: ECO 2301, ECO 2302, MATH 1324 and MATH 1325.

## ECO 3325 Latin American Economics Iss

Analysis of recent and historical issues in Latin American economics, including economic development and its relation to poverty, schooling, the informal sector, agrarian issues, sustainable development; inflation; debt; trade; regional integration; infrastructure development; privatization and entrepreneurial activity; and stabilization and structural reform using case studies from Latin America. The focus of this course is on policy analysis rather than theory development.

Prerequisites: ECO 2301 and Junior standing.

## ECO 4310 Intermediate Macroeconomics

Determination of national income, employment, inflation, savings, interest, and investment; monetary and fiscal analysis, effects of government deficits and debt.

Prerequisites: ECO 2301, ECO 2302, MATH 1324 and MATH 1325.

## ECO 4320 Intermediate Microeconomics

An advanced microeconomics course that applies modern economic theory to understand firms' and consumers' decisions in the framework of utility and profit maximization.

Prerequisites: ECO 2302 and MATH 1325 or equivalents.

## ECO 4340 International Economics

This course examines the impact of tariffs, quotas, and subsidies on the furtherance of national economic objectives; basic economic theory and models for determining the impact of tariffs, quotas, and subsidies on the furtherance of national economic objectives; exchange rate policies, balance of payments; the role of important international trade agreements, i.e., the General Agreement on Tariffs and Trade (GATT), the European Union (EU), and the North American Free Trade Agreement (NAFTA).

Prerequisites: ECO 2301 and ECO 2302.

## ECO 4360 Public Finance

Taxation and expenditure policies of government at the local, state, and federal level.

Prerequisites: ECO 2301 and ECO 2302.

## ECO 4380 Applied Econometrics

Introduction to the models and methods used to estimate relationships and test hypotheses pertaining to economic variables. Among the topics covered in the course are: Single and multiple linear regression analysis; functional forms; omitted variable analysis; multicollinearity; heteroscedasticity; autocorrelation.

Prerequisites: ECO 2302, and DS 2310 or equivalents.

## ECO 4399 Issues in Economics

This course examines selected current topics in areas related to contemporary economic systems. It may cover either micro- or macroeconomic issues, and can be used to introduce new economic issues to interested students. May be repeated once when topic changes.

Prerequisites: Junior standing.

## ECO 5310 Managerial Economics

This course shows the student how to apply economic analysis to complex business decisions. Topics covered include: application of consumer and competitive firm theories; market organizations and structures; strategic pricing policies in regulated and unregulated domestic and international markets; and production possibilities and planning.

## ECO 6310 Seminar in Intl Economics

The course will include international economic material such as comparative advantage, gravity models, firm-level analysis of trade and foreign investment. Practical examples of identification and estimation. Econometric models such as probit/logit, tobit, multinomial logit, corner and selection models and Hausman tests. Microeconomic topics such as supply and demand and market equilibrium, utility functions and constrained optimization, game theory and models of monopoly and oligopoly.

Prerequisites: Consent of the instructor and the Graduate Advisor.