

# ECON - ECONOMICS (ECON)

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## **ECON U221 Principles of Macroeconomics 3 Credit Hours**

Causes and effects of changes in economic aggregates, including gross domestic product, personal income, unemployment, and inflation. The role of economics in contemporary society and the effect of monetary and fiscal policy on the functioning of a free market system are explored. Prerequisite(s): MATH U120, MATH U121, MATH U122, MATH U126, MATH U127, MATH U141, or MATH U241.

## **ECON U222 Principles of Microeconomics 3 Credit Hours**

Consumer demand, supply, and price in a free-market system. The economics of the firm is presented within the context of different market structures. Prerequisite(s): MATH U120, MATH U121, MATH U122, MATH U126, MATH U127, MATH U141, or MATH U241.

## **ECON U291 Probability and Statistics 3 Credit Hours**

Concepts of probability, probability distributions, and sampling theory. Prerequisite(s): MATH U120, MATH U121, MATH U122, MATH U126, MATH U127, MATH U141, or MATH U241.

## **ECON U292 Statistical Inference 3 Credit Hours**

Methods of statistical inference, including additional topics in hypothesis testing, linear statistical models, and time series analysis. Prerequisite(s): ECON U291 or MATH U102.

## **ECON U301 Money and Banking 3 Credit Hours**

History, structure, functions and operations of the American commercial and central banking system. Emphasis is placed on the influence and operations of the Federal Reserve System. Prerequisite(s): 54 credit hours earned, ECON U221, and FINA U363.

## **ECON U303 International Economics 3 Credit Hours**

Survey of international economic issues and institutions, including trade and protectionism, global and regional trade agreements, trade balances and exchange rates. Prerequisite(s): 54 credit hours earned, ECON U221 and ECON U222.

## **ECON U311 Issues in Economics 3 Credit Hours**

Nature and causes of major economic problems facing the nation and its communities and policy alternatives designed to solve them, including the philosophy and methodology of economics in social problem solving. Prerequisite(s): 54 credit hours earned, ECON U221 and ECON U222.

## **ECON U322 Intermediate Macroeconomic Theory 3 Credit Hours**

Classical, Keynesian, and post-Keynesian models. These models provide a framework for monetary and fiscal policy prescriptions to economic problems. Prerequisite(s): 54 credit hours earned, ECON U221, and ECON U222.

## **ECON U326 Managerial Economics 3 Credit Hours**

Application of the economic theory of profits, competition, demand, and costs to the analysis of problems arising in the firm and in decision making. Prerequisite(s): 54 credit hours earned; ECON U222, MATH U122, or MATH U141; and one of the following: ECON U292, or MATH U202, or equivalent.

## **ECON U393 Business Analytics 3 Credit Hours**

Mathematical, statistical and computational tools to solve various real-world business problems. Emphasis is on translating business problems into mathematical ones, structuring and analyzing the data, making decisions, and communicating the results. Prerequisite(s): ECON U292.

## **ECON U455 Topics in Economics 3 Credit Hours**

Selected topics in economics. Topics vary depending on available staff and interests of students. This course may be repeated for credit. Prerequisite(s): 54 credit hours, ECON U221 and ECON U222.