

# Economics (ECON)

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## **ECON 1500. Survey of Economics. 3 Hours.**

A survey of basic economic concepts with applications to public policy issues.

## **ECON 2105. Principles of Macroeconomics. 3 Hours.**

An introduction to macroeconomic concepts and their application to aggregate economic activity. Factors influencing rates of economic growth, employment, and inflation are emphasized. Measures of aggregate economic activity and policies to control it are covered.

## **ECON 2106. Principles of Microeconomics. 3 Hours.**

An introduction to microeconomic concepts and their application to the behavior of individuals, firms, and market groups. Special emphasis is placed on market analysis, production and cost concepts, profit analysis, and market structure. Current microeconomic issues, including market failures and the role of government in markets, are covered.

## **ECON 3001. Mathematics for Economists. 3 Hours.**

Prerequisite: ECON 2106 with a grade of "C" or better. Introduction to mathematical concepts and techniques used in economic analysis. Topics covered will include algebraic analysis of supply and demand, calculus, and their applications to economic theory.

## **ECON 3400. Public Finance and Fiscal Policy. 3 Hours.**

Prerequisite: ECON 2106 with a grade of "C" or better. Comprehensive treatment of economic theory and applications in the field of public finance and fiscal policy. Included the study of market failure, the provision of public goods, benefit/cost analysis, public expenditures, and the principles of government finance.

## **ECON 3450. Sports Economics. 3 Hours.**

Prerequisite: ECON 2106 with a grade of "C" or better.. Applications of microeconomic principles to the sports industry. The course emphasizes the industrial organization, public finance, and labor market outcomes of the sports industry. Topics include profit-maximization of sports franchises, broadcasting rights, competitive balance, the value of talent, and sports in the not-for-profit sector.

## **ECON 3600. International Economics. 3 Hours.**

Prerequisites: ECON 2105 and ECON 2106 both with a grade of "C" or better. Survey of the international exchange of goods, services and financial instruments, and international economic integrations, and the trade policies that affect this exchange.

## **ECON 3610. Trade and Culture: An Economics Perspective. 3 Hours.**

An introduction to international economics through a study abroad experience. Coursework before departure includes an introduction to trade patterns, international trade organizations, comparative advantage, trade barriers, and exchange rates. In country experiences include visits to companies, places of historical significance, and places of cultural significance to the chosen country. This course may be repeated once for credit in a different country. This course may not be taken concurrently with ECON 3600 or ECON 3600H. This course is open to business and non-business majors who have completed at least 45 hours.

## **ECON 3750. Money and Banking. 3 Hours.**

Prerequisite: ECON 2105 with a grade of "C" or better. An exploration of the intricacies of money, financial intermediaries, financial instruments, financial regulators, central banks, and financial markets. The course looks into economic activity and analysis of real-world scenarios, including the integration of Bloomberg data, to develop practical skills for navigating the financial landscape.

## **ECON 3800. Environmental Economics. 3 Hours.**

Prerequisite: ECON 2106 with a grade of "C" or better. Application of microeconomic principles to environmental and natural resource policy. Topics include: economic efficiency and market failure, valuing the environment, pollution control, exhaustible and renewable resource policy waste and toxic substance disposal, and the effect of industry and agriculture on the environment.

## **ECON 3810. Health Economics. 3 Hours.**

Prerequisite: ECON 2106 with a grade of "C" or better. Introduction to the economics of health care. Topics include health insurance and its impact on demand for medical services; moral hazard; adverse selection; healthcare spending, and the government's role in regards to health and health care, etc.

## **ECON 3820. Experimental Economics. 3 Hours.**

Prerequisites: ECON 2106 or ECON 1500 with a grade of "C" or better. An introduction to the use of experimental methods in economics. Coverage will include design of experiments, analysis of experimental data and interpretation of results, application in microeconomic topic areas, and overview of existing findings. Students will gain hands-on experience as they conduct and participate in computerized laboratory experiments.

## **ECON 3860. Labor Economics and Labor Relations. 3 Hours.**

Prerequisite: ECON 2106 with a grade of "C" or better. Investigation of the workings and outcomes of the labor market. Topics include the determination of wages, wage differentials, the impact of unions, and the process of collective bargaining.

## **ECON 4000. Introduction to Econometrics and Data Analysis. 3 Hours.**

Prerequisites: ECON 2105, ECON 2106, BUSA 2100, and DATA 3100 each with a grade of "C" or better.. A study of components of a research paper, data sources including Bloomberg, software used for empirical research, and basic statistical and econometric techniques widely used in modern economic research.

**ECON 4100. Economics of Business and Work. 3 Hours.**

Prerequisites: ECON 2105 and ECON 2106 both with a grade of "C" or better. Analysis of major decision-making areas within the firm. Topics include labor markets; minimum wages; unemployment; labor demand; monopsony; monopoly; oligopoly; profit maximization in the different market structures; and price discrimination.

**ECON 4500. Growth and Business Cycles. 3 Hours.**

Prerequisites: ECON 2105 and ECON 2106 both with a grade of "C" or better. Analysis of the factors that influence national income, long-run economic growth, unemployment, and inflation. Using various macroeconomic models, students use analytic tools including Bloomberg data to evaluate the sources of long-run growth and business cycle fluctuations.

**ECON 4800. Current Issues in Economics. 3 Hours.**

Prerequisites: ECON 2105 and ECON 2106 both with a grade of "C" or better. Study of a specific, current topic or topics in the field of economics. May be repeated once for additional credit with prior approval of advisor and instructor if different topics are covered in the subsequent course.

**ECON 4980. Economics Internship. 3 Hours.**

Prerequisites: Faculty approval. Graded "Satisfactory" or "Unsatisfactory." The application of skill related to the academic discipline of economics in an employment situation. A written reflection and an employer evaluation is required.

**ECON 4990. Directed Study in Economics. 3 Hours.**

Prerequisites: Faculty Approval. Directed research or reading in economics. Proper form must be submitted to the Dean of the College of Business Administration at least two weeks before the beginning of the semester.