

DEPARTMENT OF ECONOMICS & INTERNATIONAL BUSINESS

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Website: Department of Economics & International Business (<https://www.shsu.edu/academics/colleges/business-administration/economics-international-business/>)

Vision

The Department of Economics and International Business will be a leader in preparing students for meaningful careers and global opportunities, promoting upward social mobility and impacting students and communities, through excellence in teaching, research, and engagement.

Mission

The Department of Economics and International Business develops career ready graduates through innovative programs in Economics and International Business. We emphasize critical thinking, analytical reasoning, and global awareness while fostering student success, upward social mobility, workforce readiness, and regional economic growth. Through excellent teaching, impactful scholarship, personalized support, and strong community engagement, we advance meaningful careers, global opportunities, and the mission of the College of Business Administration.

Academic Programs

The Department of Economics and International Business offers the Master of Science in Applied Economics degree program. The department also offers a variety of graduate courses to support the Master of Business Administration, and Executive MBA in Banking and Financial Institutions. See the current undergraduate catalog for details pertaining to undergraduate majors.

Graduate Program in the Department of Economics and International Business

- Master of Science in Applied Economics (<https://catalog.shsu.edu/graduate-and-professional/college-departments/business-administration/economics-international-business/applied-economics-ms/>)

Graduate Programs in the College of Business Administration

- Executive Master of Business Administration in Banking and Financial Institutions (<https://catalog.shsu.edu/graduate-and-professional/college-departments/business-administration/emba/>)
- Master of Business Administration (<https://catalog.shsu.edu/graduate-and-professional/college-departments/business-administration/mba/>)
- Master of Science in Accounting (<https://catalog.shsu.edu/graduate-and-professional/college-departments/business-administration/accounting/accounting-ms/>)
- Master of Science in Project Management (<https://catalog.shsu.edu/graduate-and-professional/college-departments/business-administration/analytics-information-systems-and-supply-chain/project-management-ms/>)

ECON 5080. Independent Study. 1-3 Hours.

A directed individual study is made of a selected problem in the field of economics. Variable credit (1-3). Course Equivalents: ECON 5380

Prerequisite: Approval of Department Chair and Graduate Coordinator.

ECON 5085. Special Topic. 1-3 Hours.

This course of faculty-led study is designed to provide graduate students exposure to new Economics topics and concepts in a course setting.

Variable credit (1-3). Course Equivalents: ECON 5385 .

ECON 5300. Economic Principles And Policy. 3 Hours.

An intensive study of microeconomic and macroeconomic concepts; the price system and how it functions under various market structures including perfect competition, pure monopoly, and imperfect market structures including monopolistic competition and oligopoly; resource markets; national income measurement and determination; inflation and unemployment; money and banking; economic stabilization including monetary and fiscal policy; international policy. This course does not apply to the 36-hour graduate credit hour requirement of the MBA degree program.

ECON 5301. Mathematical Methods for Applied Economics. 3 Hours.

Students analyze and apply mathematical methods that are essential to graduate studies in economics and related disciplines. Topics include matrix algebra, differential calculus, optimization, and their applications to economic modeling.

ECON 5305. Microeconomics. 3 Hours.

Students analyze the behavior of consumers, firms, and markets. Topics include consumer choice models, firms' costs, profits maximization, market structures, uncertainty, and market failures.

Prerequisite: ECON 5301.

ECON 5307. Macroeconomics. 3 Hours.

Students analyze current evidence and theories concerning economic growth and business cycles. Moreover, students will examine the use of fiscal and monetary policies to achieve competing macroeconomic goals of price stability and full employment.

Prerequisite: ECON 5301.

ECON 5325. Econometrics. 3 Hours.

Students examine methods used to estimate, interpret, and apply econometric methods for statistical models in a variety of business and economics settings. Topics include methods for linear cross-sectional models, linear panel-data models, and binary-outcome models.

Prerequisite: BANA 5368.

ECON 5340. International Economics. 3 Hours.

Students analyze a range of topics in international economics with a focus on trade theories, globalization, and financial systems.

Prerequisite: ECON 5305.

ECON 5348. Development Economics. 3 Hours.

Students focus on the microeconomic approaches to poverty-related problems faced by low-income countries. Students analyze the role of human capital, nutrition, infrastructures, credit market, agriculture, program evaluation, and institutions in the development process of low-income countries.

ECON 5350. Health Economics. 3 Hours.

Students analyze the structure and functioning of the healthcare markets and economic equilibrium in healthcare markets using microeconomic and industrial organization principles. Topics include Grossman's model of demand for healthcare, supply of healthcare, equilibrium in healthcare market under uncertainty and asymmetric information, market failure, role of insurance and risk analysis, and cost-effectiveness/benefit analysis.

ECON 5351. Labor Economics. 3 Hours.

Students gain a comprehensive understanding of how labor markets operate and how individuals and businesses make decisions about work, wages, and employment. They explore topics such as labor supply and demand, the tradeoff between labor and leisure, occupational choices, skill development, and employment dynamics. By applying economic theory to real-world examples, students develop the skills to analyze labor market issues and understand how economic principles inform business and policy decisions.

ECON 5352. Energy Economics. 3 Hours.

Students use microeconomic techniques to rigorously examine contemporary energy issues. The market structures for various international energy markets are analyzed, as well as the opportunities and challenges of government regulation and de-regulation of energy markets. Economic analysis of business practices and consumer behavior in markets for renewable energy are emphasized.

ECON 5357. Managerial Economics. 3 Hours.

Students gain a practical understanding of fundamental economic principles as they relate to managerial decision-making. They learn to apply modern economic analysis to evaluate market conditions, assess profitability and pricing strategies, analyze strategic behavior, and make informed choices under risk and uncertainty.

ECON 5360. Economic Analysis Of Strategy. 3 Hours.

A study of game theoretical tools and their application of important real-world economic phenomena. Topics include: the organization of industry, labor and work-place economics, international trade policies, government and voting strategies, the role of legal institutions in the economy, and bargaining and bidding strategies.

ECON 5373. Urban Economics. 3 Hours.

Students analyze the economic forces that determine location choices of firms and individuals, as well as the existence and performance of urban agglomerations resulting from these location choices. The methodologies used to measure the spatial distribution of economic activity, public policy solutions to market failures, and urban economic development are examined.

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