The University of Alabama in Huntsville

**Economics (ECN)**

ECN 142 - PRINC OF МакROECONOMICS  
Semester Hours: 3

How does our economy function? Why do we have periods of unemployment and inflation and what can we do about it? Economics is a way of thinking about the world, how to identify and focus on fundamental issues so we can understand our economy and how monetary and fiscal policy affects our lives. Prerequisite: any 100 level or 200 level MA course.

ECN 143 - PRINC OF MICROEconomics  
Semester Hours: 3

How do markets coordinate our unlimited wants with our limited capacity to produce? We study producer and consumer choice in a variety of market structures, the social welfare implications inherent in market systems and policies designed to correct those market failures. Prerequisite: Any 100 level or 200 level MA course.

ECN 140 - MACRO ECONOMIC ANALYSIS  
Semester Hours: 3

A comprehensive study of the nation's economic system. How interdependent market systems determine income, consumption, saving, investment, interest, employment, and the aggregate price level. Determinants of economic growth and the effects of monetary and fiscal policy are central issues. Prerequisites: ECN 142 and ECN 143.

ECN 345 - MICRO ECONOMIC ANALYSIS  
Semester Hours: 3

This course provides an informed perspective of, and ability to use, microeconomic theory. We develop the analytical tools needed to solve problems and focus on the logical foundations of these tools. Core topics include consumer behavior, production, exchange, markets, and game theory. Prerequisites: ECN 142 and ECN 143.

ECN 352 - MONEY AND BANKING  
Semester Hours: 3

Organization, operation, and economic significance of monetary and banking systems. Fractional reserve banking systems, money creation, the Federal Reserve System, U.S. financial intermediaries. Introduction to monetary theory and international finance. Prerequisites: ECN 142 and ECN 143.

ECN 406 - SPORTS ECONOMICS  
Semester Hours: 3

The course uses economic tools to study market outcomes in sports: the market for talent, labor relations, and the role of government. Specific topics include the demand for sports, sports franchises, and the theory of the firm, compensation of player talent, economics of stadiums, and sports media. Prerequisite: ECN 143.

ECN 411 - ECONOMICS INFORMATION TECH  
Semester Hours: 3

Explores economic theories of consumer and firm behavior and strategy in the information technology industry with emphasis on applying formal tools of analysis in real-world contexts. Core topics include cost structures, non-competitive markets, network effects, and game theory. Prerequisites: ECN 143 and MA 120.

ECN 445 - GAMES AND NETWORKS  
Semester Hours: 3

An introduction to game theory and economic and social network analysis. Student will explore the use of simple games to understand serious games strategic interactions -- especially in social network settings. Prerequisite: ECN 143.

ECN 450 - INTERNATIONAL BUSINESS  
Semester Hours: 3

Cross-discipline course combining theoretical and practical aspects of doing business in the global market. Three modules consisting of international management, marketing and economic/finance cover topics including the legal, socio-political environment, negotiations/diplomacy, import/export mechanics, international distribution, balance of payments, hedging, trade agreements (GATT), and international business strategy.

ECN 454 - INTERNATIONAL ECONOMICS  
Semester Hours: 3

Behavior of foreign exchange rates under different monetary standards, methods of financing international trade, historical development of international financial institutions, current and proposed methods for fostering international trade, and problems of international liquidity. Prerequisite: FIN 301.
ECN 470 - SEMINAR IN ECONOMICS
Semester Hours: 3
Extensive readings and reports reflecting current developments and trends in economic theory and its application to the decision-making process in business and government.

ECN 475 - LABOR ECONOMICS
Semester Hours: 3
Economic analysis of labor markets; labor demand and labor supply at the market and individual level. Topics include individual decisions to supply labor, compensating wage differentials, human capital investment, discrimination in labor markets, pay and productivity, and the role of labor unions. Prerequisite: ECN 143.

ECN 480 - INTRO ECONOMETRICS
Semester Hours: 3
An introduction to the quantitative measurement and analysis of actual economic and business phenomena. Prerequisite: MSC 288.

ECN 481 - RESEARCH PRACTICUM
Semester Hours: 3
The economics research practicum is designed to give students research experience. With the approval of one of the economics' professors, a student teams up with a professor who mentors them through a research project. Prerequisites: ECN 340 and ECN 345.

ECN 490 - SPECIAL PROJECTS
Semester Hours: 3
Faculty guided Independent Study in an area of interest to the student and faculty member. Approval of department chair is required.

ECN 499 - AGENT-BASED COMPUTA ECON
Semester Hours: 3
Computational Economics introduces students to complex dynamic economic systems. Agent-based computational economics builds systems piece by piece - individual economic agents are constructed and placed in a virtual environment. This creates a virtual laboratory for economic experimentation. Prerequisites: ECN 340 and ECN 345.