ECON - Economics (ECON)

ECON 202 Principles of Economics  
Credits 3. 3 Lecture Hours.  
Prerequisite: ECON 201 with a grade of C or better.

ECON 203 Principles of Economics  
Credits 3. 3 Lecture Hours.  
Prerequisite: ECON 202 with a grade of C or better.

ECON 205 Business Economics  
Credits 3. 3 Lecture Hours.  
Prerequisites: ECON 203 with a grade of C or better.

ECON 206 Applied Microeconomic Theory  
Credits 3. 3 Lecture Hours.  
Prerequisite: ECON 202 and ECON 203 with a grade of C or better.

ECON 208 Money and Banking  
Credits 3. 3 Lecture Hours.  
Prerequisite: Approval of undergraduate advisor.

ECON 210 Economic Development of Europe  
Credits 3. 3 Lecture Hours.  
Prerequisites: ECON 202 and ECON 203 with a grade of C or better.

ECON 220 Economic Development  
Credits 3. 3 Lecture Hours.  
Prerequisites: ECON 202, MATH 142, MATH 151, MATH 131, or MATH 171; also taught at Galveston campus.

ECON 284 Research  
Credits 0 to 4. 0 to 4 Other Hours.  
May be repeated for credit.

ECON 285 Directed Studies  
Credits 0 to 4. 0 to 4 Other Hours.  
May be repeated for credit.

ECON 289 Special Topics in...  
Credits 3. 3 Lecture Hours.  
Selected topics in an identified area of economics. May be repeated for credit.

ECON 311 Money and Banking  
Credits 3. 3 Lecture Hours.  
Prerequisite: Approval of undergraduate advisor.

ECON 315 Sports Economics  
Credits 3. 3 Lecture Hours.  
Prerequisite: ECON 202 with a grade of C or better.

ECON 316 Microeconomic Theory  
Credits 3. 3 Lecture Hours.  
Prerequisite: Approval of undergraduate advisor.

ECON 317 Macroeconomic Theory  
Credits 3. 3 Lecture Hours.  
Prerequisites: ECON 202 and ECON 203 with a grade of C or better.

ECON 320 Economic Development of Europe  
Credits 3. 3 Lecture Hours.  
Prerequisite: ECON 202 and ECON 203 with a grade of C or better.

ECON 322 Applied Microeconomic Theory  
Credits 3. 3 Lecture Hours.  
Use of microeconomic theory in the analysis of problems that would face decision makers, not only in business but also in government, non-profit firms and other institutions.

ECON 323 Microeconomic Theory  
Credits 3. 3 Lecture Hours.  
Prerequisite: ECON 202. May not be counted toward a major in economics.

ECON 327 Economic Development  
Credits 3. 3 Lecture Hours.  
Prerequisites: ECON 202 and ECON 203.

ECON 328 Economics of Education  
Credits 3. 3 Lecture Hours.  
Application of economic analysis to education policy; theoretical basis for private and public investment in education; returns to education; the importance of school resources, school financing, school choice, and accountability.

ECON 330 Economic Development  
Credits 3. 3 Lecture Hours.  
A study of the less developed world; economic problems and solutions.

ECON 338 Economic Development  
Credits 3. 3 Lecture Hours.  
Theory of the determination of aggregate levels of national income, employment and prices; monetary and fiscal policy analysis, effects of government debt and deficits.

ECON 339 Economic Development  
Credits 3. 3 Lecture Hours.  
Economic role of governments; the choice of public sector output in a democracy and the effects of various taxes on resource allocation and income distribution.

ECON 410 Macroeconomic Theory  
Credits 3. 3 Lecture Hours.  
Prerequisite: ECON 202 with a grade of C or better.
ECON 414 Health Economics
Credits 3. 3 Lecture Hours.
Economics of health care in the U.S.; role of third party payers; supply and demand for health care; structure and consequences of public and private insurance; role of competition in health care markets among hospitals, insurance plans, physicians and pharmaceutical manufacturers; role of completion and regulation in medical innovation.
Prerequisite: ECON 323 with a grade of C or better.

ECON 418 Economics of Labor
Credits 3. 3 Lecture Hours.
Economics of the labor market including factors affecting the economy’s demand for labor and the supply of labor; labor market problems such as unemployment and poverty; the economics of trade unions and collective bargaining.
Prerequisite: ECON 323 with a grade of C or better.

ECON 420 Law and Economics
Credits 3. 3 Lecture Hours.
Mutual interaction of the prevailing legal system and economic phenomena; development of a series of testable hypotheses concerning the effects of laws and regulations on incentives and economic behavior, the allocation of resources and the distribution of income.
Prerequisite: ECON 323 with a grade of C or better.

ECON 425 The Organization of Industry
Credits 3. 3 Lecture Hours.
Relationships between structure, conduct and performance of industries in the American economy using both theoretical and empirical material; antitrust regulation, pricing, product characteristics, advertising, technical change and environmental effects; the American experience contrasted with that of other countries; growth of international industries.
Prerequisite: ECON 323 with a grade of C or better.

ECON 426 Economics of Antitrust and Regulation
Credits 3. 3 Lecture Hours.
Bureaucratic and judicial impact of antitrust laws and other regulatory means on the American economy; efficiency gains and losses associated with price discrimination, predation, cartelization, horizontal merger, vertical integration, resale price maintenance; Supreme Court opinions delivered in landmark antitrust cases.
Prerequisite: ECON 323 with a grade of C or better.

ECON 433 Energy Markets and Policy
Credits 3. 3 Lecture Hours.
Economics of energy markets and energy regulation with emphasis on implications for optimal energy policy; sectors include gasoline, oil, electricity, natural gas, renewables, nuclear; economic theory integrated with empirical applications from American and international experience; new energy markets, energy trading, and interaction with environmental policy.
Prerequisites: ECON 323 with a grade of C or better; junior or senior classification or approval of instructor.

ECON 435 Economics of Resource Scarcity
Credits 3. 3 Lecture Hours.
Natural resource management and use; problems of renewable and nonrenewable resources including scarcity and market responses, role of property rights, externalities, benefit-cost analysis and energy policy.
Prerequisite: ECON 323 with a grade of C or better.

ECON 436 Environmental Economics
Credits 3. 3 Lecture Hours.
Economic theory and public policy as applied to environmental problems; role of market failure in explaining the existence of pollution; alternative strategies for pollution control and environmental management; global environmental issues.
Prerequisites: ECON 323 with a grade of C or better.

ECON 440 Experimental Economics
Credits 3. 3 Lecture Hours.
Experimental techniques in economics and survey of literature in experimental economics; credibility of experimental data and criteria for determining reliability; application of statistical treatment to experimental data.
Prerequisite: ECON 323 with a grade of C or better.

ECON 445 Financial Economics
Credits 3. 3 Lecture Hours.
Economic analysis of money and financial markets; market structures, efficiency, institutional features; international markets; arbitrage; derivative securities; asset pricing in complete and incomplete markets; relation to rest of economy.
Prerequisites: Grade of C or better in ECON 323; grade of C or better in ECMT 461, STAT 211, or STAT 303; junior or senior classification.

ECON 449 Economics of Decision-Making Strategy
Credits 3. 3 Lecture Hours.
Introduction to principles of decision-making and analysis of strategic interaction; formal modeling of decision problems involving one or more agents, integrating preferences, risk, and uncertainty into analysis, and using principles of game theory to advise choices; applications include search, signaling, design of contracts, agendas and repeated interaction.
Prerequisites: ECON 323 with a grade of C or better.

ECON 452 International Trade Theory and Policy
Credits 3. 3 Lecture Hours.
Basis for trade; theory of comparative advantage; determination of product and factor prices; gains from international trade; commercial policy and its implications for income distribution; concept of effective protection; market distortions, policy generated distortions and the arguments for tariffs.
Prerequisite: ECON 323 with a grade of C or better; also taught at Galveston campus.

ECON 459 Games and Economic Behavior
Credits 3. 3 Lecture Hours.
Introduction to game theory for advanced undergraduates; definition and existence of an equilibrium point for strategic, repeated and extensive form games; strategic and evolutionary equilibrium refinements; equilibrium selection; applications include auctions, bargaining, oligopoly, strategic market games, team production, voting and behavioral game theory.
Prerequisites: Grade of C or better in ECON 323; MATH 142, MATH 131, MATH 151, or MATH 171.

ECON 460 Introduction to Mathematical Economics
Credits 3. 3 Lecture Hours.
Introduction to mathematical economics; application of mathematical tools in economic theory; fundamental results from differential and integral calculus; duality theory in consumer and producer theory; classical optimization techniques, elementary differential equations and stability analysis.
Prerequisites: Grade of C or better in ECON 323 and ECON 410.
ECON 465 Contemporary Economic Issues
Credits 3. 3 Lecture Hours.
Application of microeconomic and macroeconomic analyses to evaluate contemporary economic issues.
Prerequisites: Grade of C or better in ECON 323 and ECON 410.

ECON 470 Program Evaluation
Credits 3. 3 Lecture Hours. 1 Lab Hour.
Economic approaches to program policy evaluation; empirical microeconomic tools; natural experiments; design experimental and quasi-experimental method.
Prerequisite: Grade of C or better in ECON 323; grade of C or better in ECMT 461, STAT 211, or STAT 303; or approval of instructor.

ECON 484 Internship
Credits 0 to 6. 0 to 6 Other Hours.
Directed internship in an organization to provide on-the-job training and applied research experience with professionals in settings appropriate to economics and student professional interest. Maximum 6 hours can count toward major. Must be taken on a satisfactory/unsatisfactory basis.
Prerequisites: Major in economics; 12 completed hours of economics including ECON 323 with a grade of C or better; 2.5 cumulative GPA; 3.0 GPA in economic courses; pre-approval of the director of economics internship programs.

ECON 485 Directed Studies
Credits 0 to 6. 0 to 6 Other Hours.
Research and design of specific problem areas approved on an individual basis with the intention of promoting independent study and to supplement existing course offerings. Results of study presented in writing.
Prerequisites: Major or minor in economics; approval of undergraduate advisor.

ECON 489 Special Topics in...
Credits 1 to 4. 1 to 4 Lecture Hours.
Selected topics in an identified area of economics. May be repeated for credit.
Prerequisite: Approval of undergraduate advisor.

ECON 491 Research
Credits 0 to 4. 0 to 4 Other Hours.
Research conducted under the direction of faculty member in economics. May be taken three times for credit.
Prerequisites: Junior or senior classification; grade of C or better in ECON 323, ECON 410, and ECMT 463.