Economics (ECON)

Courses

ECON A100 Political Economy 3 Credits
Introduces economics as a lens for making personal decisions and for understanding the complexity of the modern global marketplace. The economic way of thinking encourages students to approach policy issues with an eye toward quantifying and trading off social costs and benefits.
Attributes: UAA Social Sciences GER.

ECON A123 Introduction to Behavioral Economics 3 Credits
Introduces economics, incorporating insights from psychology. Develops and applies research finding implications to topics that include personal finance, health, happiness, and the design of public policies.
Attributes: UAA Social Sciences GER.

ECON A201 Principles of Macroeconomics 3 Credits
Theoretical approach to determination of the national income level and economic activity including coverage of the history of macroeconomic theory with special emphasis on economic growth, inflation, business cycles, international finance, and monetary and fiscal policy.
Registration Restrictions: Minimum one year of high school algebra required.
Attributes: UAA Social Sciences GER.

ECON A202 Principles of Microeconomics 3 Credits
The theory of prices and markets, industrial organization, public policy, income distribution, contemporary problems of labor and business, and international trade, including coverage of the history of microeconomic theory.
Registration Restrictions: Minimum one year of high school algebra required.
Attributes: UAA Social Sciences GER.

ECON A210 Environmental Economics and Policy 3 Credits
Survey of environmental policy, emphasizing market-oriented approaches to problems. Present value, cost-benefit analysis, and nonmarket valuation tools are developed and applied to Alaska and global environmental and natural resource issues.
Registration Restrictions: MATH A105 with minimum grade of C or completion of quantitative skills GER requirement.
Prerequisites: MATH A105 with a minimum grade of C or MATH A121 or MATH A151 or MATH A221 or MATH A251 or MATH A252.
Attributes: UAA Social Sciences GER.

ECON A211 The Economics of Fish 3 Credits
Introduces key insights of economics related to fisheries, aquaculture, fish processing, the seafood distribution chain, fish prices, fish marketing, and economic impacts of the seafood industry. Intended for people working in any part of the seafood industry or studying fisheries, aquaculture or other seafood-related fields.

ECON A290 Special Topics in Economics 3 Credits
Study of specific current issues, techniques, and trends in economics.
Special Note: May be repeated with a change of subtitle/topic.
Maximum of 9 elective credits may be used for the BA and BBA Economics degrees. Check class listing for specific titles being offered.

ECON A300 The Economy of Alaska 3 Credits
An overview of the economy of Alaska, including approaches for economic analysis of regional economies, the structure of the Alaska economy, trends in major Alaska industries, and important Alaska economic policy issues.
Special Note: Recommended for students with junior or senior standing.
Registration Restrictions: College of Business and Public Policy BBA majors must be admitted to upper-division standing.

ECON A310 Energy Economics 3 Credits
Covers economic theory, empirical analysis, and the political economy of energy production, distribution, and end use. Discusses and analyzes regional and global markets for fossil fuels, electricity, nuclear power, and renewable energy sources. Examines energy institutions and public policies such as taxation, efficiency standards, and environmental regulation.
Registration Restrictions: College of Business and Public Policy majors must be admitted to upper-division standing.
Prerequisites: (ECON A201 with a minimum grade of C and ECON A202 with a minimum grade of C) or ECON A210 with a minimum grade of C) and (MATH A105 with a minimum grade of C or MATH A121 with a minimum grade of C or MATH A151 with a minimum grade of C or MATH A152 with a minimum grade of C or MATH A155 with a minimum grade of C or MATH A221 with a minimum grade of C or MATH A251 with a minimum grade of C or MATH A252 with a minimum grade of C).

ECON A312 Econometrics for Business and Economics 3 Credits
Introduces basic concepts in regression analysis and econometric methods. Applies methods to naturally-occurring and experimental data.
Emphasizes applications through use of econometrics software and personal computers.
Registration Restrictions: Familiarity with personal computers and basic software applications. Keyboarding of at least 30 wpm recommended.
Prerequisites: (BA A273 with a minimum grade of C or STAT A307 with a minimum grade of C or STAT A308 with a minimum grade of C) and (ECON A201 with a minimum grade of C or ECON A202 with a minimum grade of C).

ECON A315 Urban and Regional Economics 3 Credits
Economic issues examined at the community, regional, and state levels. Examines the location of economic activity, models of regional economic growth, the structure of regional economies, migration, housing and land use issues, and economic policies affecting neighborhoods, communities, cities, and states.
Prerequisites: ECON A201 and ECON A202.
ECON A321 Intermediate Microeconomics 3 Credits
Analysis of demand and supply under various market structures, consumer and producer theory, factor pricing and theory of distribution, and survey of welfare economics.
Prerequisites: ECON A201 with a minimum grade of C and ECON A202 with a minimum grade of C and (MATH A221 with a minimum grade of C or MATH A251 with a minimum grade of C).

ECON A324 Intermediate Macroeconomics 3 Credits
Prerequisites: ECON A201 and ECON A202.

ECON A325 History of Economic Thought 3 Credits
Economic thought from Aristotle to the present, mercantilism, classical and neoclassical theory, institutional economics, and socialism are examined.
Prerequisites: ECON A201 and ECON A202.

ECON A333 Experimental Economics 3 Credits
Applies experimental methods to study behavior in economics. Topics include public good provision, common pool resources, bargaining, fairness and reciprocity, markets and auctions, mechanism design, and policy analysis.
Registration Restrictions: College of Business and Public Policy BBA majors must be admitted to upper-division standing.
Prerequisites: ECON A202 with a minimum grade of C.

ECON A337 Development Economics 3 Credits
Economic approaches to the challenge of development. Physical and human capital, technology, institutions, geography, culture, and natural resources as sources of growth. Policies affecting trade, aid, health, and the environment. Alaska as a developing region.
Prerequisites: ECON A201 and ECON A202.

ECON A341 Labor Economics 3 Credits
Analyzes labor market, employment and unemployment, wage differences, and structure and composition of the labor force. Examines occupational segregation, discrimination, economic aspects of unionism, labor legislation, and social insurance.
Prerequisites: ECON A201 and ECON A202.

ECON A350 Money and Banking 3 Credits
Examines how financial markets and financial institutions affect the macroeconomic state of the economy, how money is created, the role of central banks in financial regulation, and the implementation of monetary policy.
Prerequisites: ECON A201 with a minimum grade of C and ECON A202 with a minimum grade of C.

ECON A351 Public Finance 3 Credits
Introduces government taxation, borrowing, and spending; economic effects of taxation, and influence of fiscal policy on economic activity.
Registration Restrictions: College of Business and Public Policy BBA majors must be admitted to upper-division standing.
Prerequisites: ECON A202 with a minimum grade of C.

ECON A360 Modern Economic History 3 Credits
Examines the role of geography, institutions, technology, and trade in the evolution of the modern economy. Emphasizes the long-run economic performance of Europe and the US. Also covers historic differences between the West and other parts of the world.
Crosslisted With: HIST A360.
Prerequisites: HIST A102 and ECON A201.

ECON A363 International Economics 3 Credits
Studies the pure theory of international trade, including theories of comparative advantage, international monetary theory, and trade policy. Examines international institutions and their role and importance in world trade. Examines the role of free trade agreements and common currency areas.
Prerequisites: ECON A201 with a minimum grade of C and ECON A202 with a minimum grade of C.

ECON A390 Special Topics in Economics 3 Credits
Study of specific current issues, techniques, and trends in economics.
Special Note: May be repeated with a change of subtitle/topic. Maximum of 9 elective credits may be used for the BA and BBA Economics degrees. Check class listing for specific titles being offered.
Prerequisites: ECON A201 with a minimum grade of C and ECON A202 with a minimum grade of C.

ECON A429 Business Forecasting 3 Credits
Applies methods of business forecasting and analyzes fluctuations in economic activity. Statistical forecasts are prepared and evaluated.
Prerequisites: BA A273 with a minimum grade of C and CIS A110 with a minimum grade of C and (BA A377 with a minimum grade of C or ECON A321 with a minimum grade of C).

ECON A435 Natural Resource Economics 3 Credits
Economic analysis of natural resource use, conservation, and management. Examines minerals, energy, forests, fisheries, and ecosystem services. Uses Alaska examples.
Prerequisites: ECON A321 with a minimum grade of C.

ECON A454 Economics Internship 3 Credits
Work experience in an approved position with supervision and training in applied economics or economic research.
Registration Restrictions: Junior standing as an economics major and permission of ECON faculty internship coordinator.

ECON A456 Behavioral Economics 3 Credits
Expands on traditional microeconomics by attending to the psychological realism of assumptions and the process of choice. Examines the robustness of heuristics and biases that lead to bounds on human rationality and explores how they can affect well-being for good and for ill. Topics include self-control, social norms and preferences, and risk and uncertainty. Explores applications relating to consumer and firm behavior, finance and investing, and public policy.
Special Note: Graduate students can substitute ECON A602 for the prerequisites. Not available for credit to students who have completed ECON A656.
Registration Restrictions: College of Business and Public Policy BBA majors must be admitted to upper-division standing.
May Be Stacked With: ECON A656
Prerequisites: ECON A201 with a minimum grade of C and ECON A202 with a minimum grade of C.
ECON A459 Industrial Organization and Public Policy 3 Credits
Analyzes different market structures. Additional topics include antitrust and other government regulation; public policy issues in regulated industries, such as transportation, communications, electricity, and gas; and the economic and legal issues and problems arising from noncompetitive market conditions.
Prerequisites: ECON A321 with a minimum grade of C.

ECON A492 Seminar in Economic Research 3 Credits
Requires integration of principles, theories, and methods learned in courses taken throughout the economics major/program. Students analyze, synthesize, and critically evaluate and apply knowledge of economics in a research project. Formal written and oral presentations of the research are required.
Registration Restrictions: Completion of GER Tier 1 (basic college-level skills) courses and senior standing.
Prerequisites: ECON A321 with a minimum grade of C and ECON A324 with a minimum grade of C and (ECON A312 with a minimum grade of C or ECON A429 with a minimum grade of C).
Attributes: UAA Integrative Capstone GER.

ECON A602 Introduction to Economics for Managers 3 Credits
Introduces economic theory and issues for private and public sector managers. Topics include national income and business cycle analysis, money and banking, and the role of government, theory of prices and markets, and international economics.
Registration Restrictions: Graduate standing

ECON A625 Economics and Public Policy 3 Credits
Applies economic analysis to public policy issues and tools for public management. Uses economics to explain public problems and provide solutions.
Registration Restrictions: Bachelor's degree required.
Prerequisites: ECON A201 and ECON A202.

ECON A640 Economics of Transportation 3 Credits
Economic aspects of the transportation industry with special emphasis on problems of regulation and public policy.
Registration Restrictions: Faculty permission.

ECON A656 Behavioral Economics 3 Credits
Expands on traditional microeconomics by attending to the psychological realism of assumptions and the process of choice. Examines the robustness of heuristics and biases that lead to bounds on human rationality and explores how they can affect well-being for good and for ill. Topics include self-control, social norms and preferences, and risk and uncertainty. Explores applications relating to consumer and firm behavior, finance and investing, and public policy. Research of a selected topic in behavioral economics is required.
Special Note: Not available for credit to students who have completed ECON A456.
Registration Restrictions: Graduate standing
May Be Stacked With: ECON A456
Prerequisites: ECON A602.