

Economics (ECON)

Courses

ECON A101 Principles of Microeconomics 3 Credits

Presents the tools and concepts needed for analysis of economic decision-making at the level of the individual (consumer, firm, government), and explores how these decisions affect market outcomes. Explores the theory of prices and markets, industrial organization, public policy, income distribution, and contemporary problems of labor and business.

Registration Restrictions: Minimum one year of high school algebra

Attributes: UAA Social Sciences GER.

ECON A102 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 A120 Introduction to Economic Analysis 3 Credits

Introduces the fundamentals of economic analysis and reasoning and provides tools to analyze the behavior of individuals, firms, communities and government under conditions of unlimited wants and scarce resources.

Attributes: UAA Social Sciences GER.

ECON A210 Environmental Economics and Policy 3 Credits

Surveys environmental policy emphasizing market-oriented approaches to problems. Covers key environmental concepts, including externalities, cost-benefit analysis, and non-market valuation tools in application to Alaska and global, environmental, and natural resource issues.

Prerequisites: 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 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.

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 A227 Introductory Statistics for Economics and Business 3 Credits

Introduces statistical theory and methods with an emphasis on economics and business applications. Includes descriptive statistics, probability and probability distribution, statistical inference and regression modeling.

Special Note: Students may apply no more than 3 credits from either ECON A227 or STAT A200 toward graduation requirements for a baccalaureate degree.

Prerequisites: CIS A110 with a minimum grade of C and (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 A221 with a minimum grade of C or MATH A251 with a minimum grade of C).

ECON A256 Introduction to Behavioral Economics 3 Credits

Introduces economics, incorporating insights from psychology. Develops and applies research findings to topics that include personal finance, health, happiness, and the design of public policies.

Prerequisites: WRTG A080 with a minimum grade of C or WRTG A090 with a minimum grade of C or WRTG A110 with a minimum grade of C or WRTG A111 with a minimum grade of C or WRTG A1W with a minimum grade of C.

Attributes: UAA Social Sciences GER.

ECON A290 Special Topics in Economics 3 Credits

Examines specific policy problems, 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

Introduces 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. Completion of ECON A101 and/or ECON A102 strongly recommended.

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.

Prerequisites: ((ECON A101 with a minimum grade of C and ECON A102 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.

Prerequisites: (ECON A227 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 A101 with a minimum grade of C or ECON A102 with a minimum grade of C).

ECON A315 Urban and Regional Economics 3 Credits

Explores economic issues 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 A101 with a minimum grade of C and ECON A102 with a minimum grade of C.

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, market failures, and survey of welfare economics.

Prerequisites: ECON A101 with a minimum grade of C and ECON A102 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

Analysis of the determinants of the aggregate level of employment, output, prices, and income of an economy. Policy issues and applications with special reference to current monetary and fiscal policy.

Prerequisites: ECON A101 with a minimum grade of C and ECON A102 with a minimum grade of C.

ECON A325 History of Economic Thought 3 Credits

Examines economic thought from Aristotle to the present including mercantilism, classical and neoclassical theory, institutional economics, and socialism.

Prerequisites: ECON A101 with a minimum grade of C and ECON A102 with a minimum grade of C.

ECON A329 Economic and Business Forecasting 3 Credits

Focuses on the business forecasting methodologies used in today's various industries. Introduces students to basic managerial statistical techniques as well as business forecasting methods and models that are useful for preparing economic and business forecasts and long-term planning.

Prerequisites: ECON A227 with a minimum grade of C or STAT A307 with a minimum grade of C or STAT A308 with a minimum grade of C.

ECON A333 Experimental Economics 3 Credits

Applies experimental methods to study behavior in economics. Covers topics of public good provision, common pool resources, bargaining, fairness and reciprocity, markets and auctions, mechanism design, and policy analysis.

Prerequisites: ECON A101 with a minimum grade of C.

ECON A337 Development Economics 3 Credits

Explores economic approaches to the challenge of development. Examines the role of physical and human capital, technology, institutions, geography, and natural resources as sources of growth. Discusses empirical methods used to measure the effects of development policy. Explores key microeconomic features of rural development, including health, education, and financial markets.

Prerequisites: ECON A101 with a minimum grade of C or ECON A102 with a minimum grade of C.

ECON A341 Labor Economics 3 Credits

Analyzes theoretical and empirical aspects of wage and employment determination. Topics include labor supply, labor demand, human capital investments and education, compensating wage differentials, income inequality, inter-generational income mobility, discrimination, immigration, and unemployment.

Prerequisites: ECON A101 with a minimum grade of C and ECON A102 with a minimum grade of C.

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 A101 with a minimum grade of C and ECON A102 with a minimum grade of C.

ECON A351 Public Finance 3 Credits

Introduces government taxation, borrowing, and spending. Examines economic effects of taxation and influence of fiscal policy on economic activity.

Prerequisites: ECON A101 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.

Prerequisites: ECON A101 with a minimum grade of C or ECON A102 with a minimum grade of C.

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 A101 with a minimum grade of C and ECON A102 with a minimum grade of C.

ECON A367 Economics of Pandemics 3 Credits

Surveys topics from epidemiological economics, applied microeconomics, and macroeconomics to help students better understand how policy can shape and mitigate pandemics.

Prerequisites: ECON A101 with a minimum grade of C.

ECON A390 Special Topics in Economics 3 Credits

Examines current issues, methods, 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 A101 with a minimum grade of C and ECON A102 with a minimum grade of C.

ECON A435 Natural Resource Economics 3 Credits

Analyzes natural resource use, conservation, and management.

Particular topics covered in this course include: resource management models (for renewable and exhaustible resources), externalities in production, pollution, and the complex relationship between natural resources and development. Applications to public policy will be abundant. An emphasis on economic modeling (using both graphs and equations) and data analysis will be stressed.

Prerequisites: ECON A321 with a minimum grade of C.

ECON A445 Methods for Public Policy Evaluation 3 Credits

Introduces students to the fundamentals of causality and causal inference, empirical techniques for estimating program impacts, methods for identifying parameters of policy interest, and integration of evaluation findings into policy decision making. Evaluates policy using a set of tools designed to assess whether a public program has achieved its intended results.

Prerequisites: ECON A312 with a minimum grade of C or concurrent enrollment or STAT A308 with a minimum grade of C or concurrent enrollment.

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. Covers topics that 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.

Prerequisites: ECON A101 with a minimum grade of C and ECON A102 with a minimum grade of C and ECON A321 with a minimum grade of C or concurrent enrollment.

ECON A459 Industrial Organization and Public Policy 3 Credits

Analyzes different market structures. Additional topics include anti-trust 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

Integration of principles, theories, and methods learned in courses taken throughout the economics major/program. Requires students to analyze, synthesize, and critically evaluate and apply knowledge of economics in a research project. Requires formal written and oral presentations of the research.

Prerequisites: ECON A312 with a minimum grade of C and ECON A321 with a minimum grade of C and ECON A324 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 A101 with a minimum grade of D and ECON A102 with a minimum grade of D.

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 for Management & Public Policy 3 Credits

Expands on traditional microeconomics by attending to the psychological realism of assumptions and the process of choice. Examines behavior that deviates from the rational choice model empirically and theoretically in order to better predict behavior. Explores the impact on consumer and financial markets with an emphasis on informing managerial decision-making and the formulation of public policy.

Registration Restrictions: Graduate standing

Prerequisites: ECON A602 with a minimum grade of C.