

ECONOMICS (ECON)

ECON 506 State & Local Public Finance (3 Units)

Prerequisite: Admission to the master's program in Economics or permission. Examines economic rationale and problems for provision of goods and services by different governmental units. Considers alternative revenue sources and special topics. (Formerly 3250:506)

ECON 515 Cost-Benefit Analysis (3 Units)

Prerequisites: Admission to the master's program in Economics or permission. Introduction to tool for public project evaluation. Includes development of analytical framework and methods of determining benefits and costs over time. Stresses application of techniques. (Formerly 3250:515)

ECON 523 Applied Game Theory (3 Units)

Prerequisite: Admission to the master's program in Economics or permission. Application of the basic concepts of game theory (analysis of strategic behavior) to relevant economics issues including bargaining, cartels, voting, conflict resolution and non-competitive pricing. (Formerly 3250:523)

ECON 527 Economic Forecasting (3 Units)

Prerequisite: Admission to the master's program in Economics or permission. Study of methods for building, identifying, fitting and checking dynamic economic models and use of these models for forecasting. Emphasis is on the application of available computer software systems. (Formerly 3250:527)

ECON 530 Labor Market and Social Policy (3 Units)

Prerequisite: Admission to the master's program in Economics or permission. Intensive study of current labor and social policy issues (e.g., discrimination, poverty, migration, education, demographic and labor market changes, impact of international trade on employment). (Formerly 3250:530)

ECON 536 Health Economics (3 Units)

Prerequisite: Permission of instructor. Economic analysis of health care. Stresses health policy issues, includes study of demand and supply of medical services and insurance, analysis of health care industries. (Formerly 3250:536)

ECON 538 Economics of Sports (3 Units)

Prerequisite: Permission of instructor. Sports franchises as profit maximizing firms; costs and benefits of a franchise to a city; labor markets in professional sports; the economics of college sports. (Formerly 3250:538)

ECON 540 Special Topics in Economics (3 Units)

Prerequisite: Permission. Opportunity to study special topics and current issues in economics. (Formerly 3250:540)

ECON 542 Economics of Digital Currencies (3 Units)

Prerequisites: [ECON 200 and ECON 201] or ECON 244 and admission to the graduate program in Economics. Introduction to the economics and technology behind cryptocurrency and digital assets with an emphasis on Bitcoin. By integrating knowledge from economics, cryptography, computer science, and finance, students gain a practical understanding of monetary theory, cryptography, blockchains, proof of work protocol, and smart contracts.

ECON 560 Economics of Developing Countries (3 Units)

Prerequisite: Admission to the master's program in Economics or permission. Basic problems of economic development. Theories of economic development, issues of political economy and institutions. Topics include poverty, population, migration, employment, finance, international trade, environment. (Formerly 3250:560)

ECON 561 Principles of International Economics (3 Units)

Prerequisite: Admission to master's program in Economics or permission. International trade and foreign exchange, policies of free and controlled trade, international monetary problems. (Formerly 3250:561)

ECON 575 Development of Economic Thought (3 Units)

Prerequisite: Admission to the master's program in Economics or permission. Evolution of theory and method, relation of ideas of economists contemporary to conditions. (Formerly 3250:575)

ECON 581 Monetary & Banking Policy (3 Units)

Prerequisite: Admission to the master's program in Economics or permission. Control over currency and credit, policies of control by central banks and governments, United States Treasury and Federal Reserve System. (Formerly 3250:581)

ECON 587 Urban Economics: Theory & Policy (3 Units)

Prerequisite: Admission to the master's program in Economics or permission. Analysis of urban issues from an economic perspective. Emphasis on urban growth, land-use patterns, housing, income distribution, poverty and urban fiscal policy. (Formerly 3250:587)

ECON 591 Workshop in Economics (1-3 Units)

(May be repeated) Group studies of special topics in economics. May not be used to meet undergraduate or graduate major requirements in economics. May be used for elective credit only. (Formerly 3250:591)

ECON 600 Foundations of Economic Analysis (3 Units)

Prerequisite: graduate standing. Determination of national income, employment and price level; aggregate consumption, investment and asset holding; decision problems faced by household and firm. Partial equilibrium and analysis of competition and monopoly and general equilibrium analysis. May not be substituted for 602, 603, 611, or applied toward the 30 graduate credits required for M.A. in economics. (Formerly 3250:600)

ECON 601 Economic Decision Making for Business (3 Units)

Prerequisite: Graduate standing or permission of department. An application of microeconomic analysis to solving business problems and a macroeconomic perspective on national output, unemployment, and inflation. (Formerly 3250:601)

ECON 602 Macroeconomic Analysis I (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. Construction of static macroeconomic models. Analysis predominantly in terms of comparative statistics with only relatively brief mention of dynamic models. (Formerly 3250:602)

ECON 606 Economics of the Public Sector (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. Examination of public sector economies emphasizes public revenues, public expenditures. Develops objectives of taxation, welfare aspects of the public sector, theory of public goods. Considers specific taxes, cost-benefit analysis, expenditures analysis, fiscal federalism. (Formerly 3250:606)

ECON 610 Framework of Economic Analysis (3 Units)

Prerequisite: graduate standing. Development of theoretical and analytical framework for decision making. Discussion of applications of the framework to situations concerning demand, cost, supply, production, price, employment and wage. (Formerly 3250:610)

ECON 611 Microeconomic Theory I (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. Modern theory of consumer behavior and of the firm. Determination of market prices. Optimization models, establishment of criteria for productive, allocative and distributive efficiency. (Formerly 3250:611)

ECON 615 Industrial Organization (3 Units)

Prerequisite: ECON 611 or permission. Examines link between market structure, firm conduct and economic performance. Measurement and effects of monopoly power, industrial concentration and changes. (Formerly 3250:615)

ECON 617 Economics of Regulation (3 Units)

Prerequisite: ECON 615 or permission of instructor. Examines rationale, methods and success of government regulation of public utility, transportation and communications industries. (Formerly 3250:617)

ECON 620 Application of Mathematical Models to Economics (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. Review of selected topics of differential and integral calculus and their application to economic analysis. Theory of optimization in production and consumption; static macroeconomic models. Analysis of growth and stability. (Formerly 3250:620)

ECON 621 Application of Linear Models in Economic Analysis (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. Review of selected topics of linear algebra application to economic theory. Static open and closed input-output tables, dynamic models, consumption technology and theory of demands, linear programming, general equilibrium analysis. (Formerly 3250:621)

ECON 626 Applied Econometrics I (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. Students will learn statistical methods and standard econometric tools by reading and conducting empirical research requiring problem articulation, data assembly and appropriate model specification. (Formerly 3250:626)

ECON 627 Applied Econometrics II (3 Units)

Prerequisite: ECON 626 or equivalent. Students will learn advanced econometric topics, continuing to build on modeling, interpretation, and evaluation skills through economic problems, culminating in an empirical research paper. (Formerly 3250:627)

ECON 628 Seminar in Research Methods (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. A seminar in the research use of applied mathematical economics or econometrics. Emphasis is on individual development of a theoretical proposition or research statement, its empirical examination and policy implications. (Formerly 3250:628)

ECON 633 Theory of Wages & Employment (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. Analytical approach to integration of economic theory with observed labor market phenomena. Discussion of wage and employment theories, effects of unions, collective bargaining theories and effects of government regulation. (Formerly 3250:633)

ECON 640 Special Topics in Economics (3 Units)

Prerequisite: Admission to the Master's Program in economics or permission of department. Opportunity to study special topics and current issues in economics at an advanced level. Repeatable with permission of instructor. (Formerly 3250:640)

ECON 664 Seminar on Economic Growth & Development (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. Review of main theories of economic growth since age of classical economics. Problems in development of emerging countries. Discussion of aggregative macro-models of capital formation, investment, technology and external trade. (Formerly 3250:664)

ECON 666 Seminar on Regional Economic Analysis & Development (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. Study of a particular national or international regional development. Any one or a combination of following regions may be considered: Middle East, North Africa, areas within Latin America, Southern Europe, Southeast Asia or Eastern Europe. (Formerly 3250:666)

ECON 670 International Monetary Economics (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. International financial relations. Foreign exchange market and exchange rate adjustments. Balance of payments adjustment policies. International monetary system. (Formerly 3250:670)

ECON 671 International Trade (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. Traditional trade theory. Recent developments in trade theory, policy implications in trade relations among developed and developing economics. (Formerly 3250:671)

ECON 683 Monetary Economics (3 Units)

Prerequisite: Admission to the master's program in economics or permission of the department. Intensive study of important areas of monetary theory. Emphasis on integration of money and value theory among other areas, plus some pressing policy issues. (Formerly 3250:683)

ECON 695 Graduate Internship in Economics (1-3 Units)

Prerequisites: Eighteen credit hours of economics graduate courses. Career application of student's graduate coursework. Supervisor reports and assignments required. May be repeated for a maximum of three credits. (Formerly 3250:695)

ECON 697 Reading in Advanced Economics (1-4 Units)

(A maximum of six credits may be applied toward the master's degree in economics.) Prerequisite: Admission to the master's program in economics or permission of the department. Intensive investigation of selected problem area in advanced economics under supervision of instructor. Since the subject matter is decided upon in each case, the course may be taken repeatedly for credit. (Formerly 3250:697)

ECON 698 Reading in Advanced Economics (1-4 Units)

(A maximum of six credits may be applied toward the master's degree in economics.) Prerequisite: Admission to the master's program in economics or permission of the department. Intensive investigation of selected problem area in advanced economics under supervision of instructor. Since the subject matter is decided upon in each case, the course may be taken repeatedly for credit. (Formerly 3250:698)

ECON 699 Master's Thesis (3 Units)

(May be repeated for a total of six credits) (Formerly 3250:699)