**ECONOMICS (3250)**

3250:100 Introduction to Economics (3 Credits)
May not be substituted for 3250:200, 3250:201, or 3250:244. Economics primarily concerned in a broad social science context. Adequate amount of basic theory introduced. Cannot be used to satisfy major or minor requirements in economics.

*Gen Ed:* Tier 2 - Social Science

3250:200 Principles of Microeconomics (3 Credits)
Analysis of behavior of the firm and household, and their impact on resource allocation, output and market price. No credit if 3250:244 already taken.

*Gen Ed:* Tier 2 - Social Science

3250:201 Principles of Macroeconomics (3 Credits)
Prerequisite: 3250:200. Study of the economic factors which affect the price level, national income, employment, economic growth. No credit if 3250:244 already taken.

3250:226 Computer Skills for Economic Analysis (3 Credits)
Prerequisites: 3250:100 or 3250:200 or 3250:244. Application of word processing, spreadsheets, presentation packages, SAS, the Internet, library resources, and other computer tools in communicating economic analysis.

*Gen Ed:* Tier 3 - Critical Thinking

3250:230 Economics of Social Policy Issues (3 Credits)
Prerequisite: 3250:100, or 3250:200 and 3250:201, or 3250:244 or permission of the instructor. Investigation of selected labor and social policy issues. Examples include health care, economic demography, anti-poverty programs, immigration, discrimination, and the impact of unemployment and inflation.

3250:244 Introduction to Economic Analysis (3 Credits)

*Gen Ed:* Tier 2 - Social Science

3250:310 Managerial Economics (3 Credits)
Prerequisites: 3250:200 or 3250:244, 3470:261, 3470:262. Application of economic analysis to management problems; the organization of enterprises and the allocation of their resources; decision making under uncertainty; strategic behavior.

3250:325 Applied Econometrics I (3 Credits)
Prerequisites: [3470:261 and 3470:262] or 6500:304. Students learn SAS coding and the foundations of data science. Course covers multiple regression estimation and inference analysis and concludes with a team-based research paper.

3250:326 Applied Econometrics II (3 Credits)
Prerequisite: 3250:325. Violations of the classical assumptions of the regression model and corrections are explored along with regression analysis of time series data. Culminates with a research paper.

3250:330 Labor Problems (3 Credits)
Prerequisites: [3250:200, or 3250:201, or 3250:244]. Labor economics, principles and public policy. Study of structure of labor market and impact unions have on labor management relations.

3250:333 Labor Economics (3 Credits)
Prerequisite: 3250:200 or 3250:244. Theoretical tools used in analysis of problems of labor in any modern economic system. Emphasis given to examination of determinants of demand for and supply of labor.

3250:360 Industrial Organization & Public Policy (3 Credits)
Prerequisites: 3250:200 or 3250:244. Role of industrial structure and firm conduct in performance of industry and way in which antitrust policy is designed to provide remedies where performance is unsatisfactory.

3250:380 Money & Banking (3 Credits)
Prerequisite: 3250:201. Institutions of money, banking and credit, monetary expansion and contraction, public policies affecting this process, development of our money and banking system.

*Gen Ed:* Tier 3 - Critical Thinking

3250:385 Economics of Natural Resources & the Environment (3 Credits)
Prerequisites: [3250:100 or 3250:200 or 3250:244] or permission. Introduction to economic analysis of use of natural resources and economies of environment. Problems of water and air pollution, natural environments, natural resource scarcity, conservation, economic growth.

*Gen Ed:* Tier 3 - Complex Systems

3250:400 Intermediate Macroeconomics (3 Credits)
Prerequisites: 3250:201 and [3450:145 or higher math]. Changes in national income, production, employment, price levels, long-range economic growth, short-term fluctuations of economic activity.

*Gen Ed:* Tier 3 - Critical Thinking

3250:405 Economics of the Public Sector (3 Credits)
Prerequisites: [3250:200 and 3250:201] or 3250:244. Considers nature and scope of government activity, rationale for government intervention, problems of public choice, taxation and revenue-raising, cost-benefit analysis, program development and evaluation.

3250:406 State & Local Public Finance (3 Credits)
Prerequisite: 3250:410; recommended: 3250:405. Examines economic rationale and problems for provision of goods and services by different governmental units. Considers alternative revenue sources and special topics.

3250:410 Intermediate Microeconomics (3 Credits)
Prerequisites: [3250:200 or 3250:244] and [3450:145 or higher math]. Advanced analysis of consumer demand, production costs, market structures, determinants of factor income.

*Gen Ed:* Tier 3 - Critical Thinking

3250:415 Cost-Benefit Analysis (3 Credits)
Prerequisites: [3250:200 and 3250:201] or 3250:244. 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.

3250:423 Applied Game Theory (3 Credits)
Prerequisite: 3250:200. 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.

3250:426 Applied Econometrics (3 Credits)
Prerequisites: 3470:261, 3470:262, and [3250:200 and 3250:201] or 3250:244. Application of regression analysis to economic and social sciences data. Discusses typical problems from applied research, including estimation technique, hypothesis testing, and modeling framework.

*Gen Ed:* Tier 3 - Critical Thinking
3250:427 Economic Forecasting (3 Credits)
Prerequisites: 3470:261, 3470:262, and [3250:200 and 3250:201] or 3250:244. Methods for building, identifying, fitting and checking dynamic economic models and use of these models for forecasting. Emphasis on application of available computer software systems.

3250:430 Labor Market and Social Policy (3 Credits)
Prerequisite: [3250:200 and 3250:201] or 3250:244 or permission of instructor. 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).

Gen Ed: Tier 3 - Complex Systems

3250:432 Economics & Practice of Collective Bargaining (3 Credits)
Prerequisite: 3250:200 or 3250:244. Principles and organization of collective bargaining, collective bargaining agreements, issues presented in labor disputes and settlements, union status and security, wage scales, technological change, production standards, etc.

3250:434 Labor Market Analysis and Evaluation (3 Credits)
Prerequisites: 3250:410, 3250:426, 3250:430. Applied labor market research using specialized techniques. Employment, health, education, and other current policy issues and programs analyzed and evaluated. Original research project required.

3250:436 Health Economics (3 Credits)
Prerequisites: 3250:100 or 3250:200 or 3250:244 or 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.

3250:438 Economics of Sports (3 Credits)
Prerequisites: 3250:100 or 3250:200 or 3250:244 or permission of instructor. Sports franchising as profit maximizing firms; costs and benefits of a franchise to a city; labor markets in professional sports; the economics of college sports.

3250:440 Special Topics in Economics (3 Credits)
Prerequisite: Permission. Opportunity to study special topics and current issues in economics.

3250:460 Economics of Developing Countries (3 Credits)
Prerequisites: [3250:200 and 3250:201] or 3250:244. Basic problems in economic development. Theories of economic development, issues of political economy and institutions. Topics include poverty, population, migration, employment, finance, international trade and environment.

Gen Ed: Tier 3 - Global Diversity

3250:461 Principles of International Economics (3 Credits)
Prerequisites: [3250:200 and 3250:201] or 3250:244, or permission of the Economics department. International trade and foreign exchange, policies of free and controlled trade, international monetary problems.

3250:475 Development of Economic Thought (3 Credits)
Prerequisites: [3250:200 and 3250:201] or 3250:244, or permission of the Economics department. Evolution of theory and method, relation of ideas of economists contemporary to conditions.

3250:481 Monetary & Banking Policy (3 Credits)
Prerequisites: 3250:380, 3250:400; or permission of the Economics department. Control over currency and credit, policies of control by central banks and governments, United States Treasury and Federal Reserve System.

3250:487 Urban Economics: Theory & Policy (3 Credits)
Prerequisites: [3250:200 and 3250:201] or 3250:244, or permission of instructor. Analysis of urban issues from an economic perspective. Emphasis on urban growth, land-use patterns, housing, income distribution, poverty and urban fiscal policy.

Gen Ed: Tier 3 - Domestic Diversity

3250:490 Individual Study in Economics (1-3 Credits)
(May be repeated for a total of six credits) Prerequisite: Permission of instructor. Independent study in economics under supervision and evaluation of selected faculty member.

3250:491 Workshop: Economics (1-3 Credits)
(May be repeated) Prerequisite: Permission of the Economics department. 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.

3250:495 Internship in Economics (1-3 Credits)
Prerequisites: 3250:200, 3250:201 and at least three additional courses in economics at the 300- or 400-level. Supervised placement in appropriate position in public or private sector organizations. Reports and written assignments required.

3250:496 Senior Project in Economics (2 Credits)
Prerequisites: 3250:400, 3250:410, 3250:426. Corequisites: 3250:405 or 3250:423 or 3250:430 or 3250:460 or 3250:461 or 3250:475 or 3250:481 or 3250:487. Taken concurrently with or following a 400-level field Economics course. Involves independent out-of-class work on a project designed in consultation with the designated 400-level course instructor.

3250:497 Honors Project in Economics (1-3 Credits)
(May be repeated for a total of six credits) Prerequisite: Senior standing in Honors College. Individual senior honors thesis on a creative project relevant to economics, approved and supervised by faculty member of the department.