

Economics

EC 2001 - Principles of Economics

An introduction to economics. The microeconomics portion covers consumer choice, the firm, value and price theory, and distribution theory. The macroeconomics portion covers national income analysis, fiscal policy, money and monetary policy, the commercial banking system, and the Federal Reserve System.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Fall, Spring, Summer

Restrictions: May not be enrolled in one of the following Class(es): Freshman

Pre-Requisite(s): MA 1020 or MA 1031 or MA 1032 or MA 1135(C) or MA 1160(C) or MA 1161(C)

EC 3002 - Microeconomic Theory

Analysis of rational choices by consumers and producers and how these choices affect the allocation of resources and the distribution of income in a market economy. Topics include strategic interaction, uncertainty, prices, and market structure.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Spring

Pre-Requisite(s): EC 2001 and (MA 1135 or MA 1160 or MA 1161)

EC 3003 - Macroeconomic Theory

Analysis of the determinants of the level of output, employment, prices, and economic growth with an emphasis on fiscal policy and monetary policy.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Fall

Pre-Requisite(s): EC 2001 and (MA 1135 or MA 1160 or MA 1161)

EC 3020 - History of Economic Thought

Development of economic ideas from the mercantilists and physiocrats through modern supply side economics, including economists such as Smith, Ricardo, Marx, Keynes, Mill, and Friedman.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: On Demand

Pre-Requisite(s): EC 2001

EC 3030 - Game Theory/Strategic Behavior

The study of strategic situations involving the interactions of individuals. Modeling techniques are applied to game situations faced in business, entertainment, politics, and the daily routine of life.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Fall, Summer - Offered alternate years beginning with the 2000-2001 academic year

Pre-Requisite(s): EC 2001

EC 3100 - International Economics

Introduction to international economics, including balance of payments, accounting, foreign exchange markets, international trade theory, barriers to trade, trade and development, regional economic integration, and current U.S. international economic issues.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Fall, Spring, Summer

Pre-Requisite(s): EC 2001

EC 3300 - Industrial Organization

Economic analysis of market power and industry structure. Topics include the goals of public policy toward business, antitrust policy, economic regulation, public enterprise, and social regulation of health, safety, and the environment.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Fall, Spring, Summer

Pre-Requisite(s): EC 2001

EC 3400 - Economic Decision Analysis

Studies economic decision-making for actions occurring over time. Covers decision tools for comparing alternatives, public project evaluation, risk and uncertainty, mutually exclusive decisions, multiple objective decisions, interest rate calculations, cash flow analysis, depreciation and taxes, cost of capital, capital budgeting.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Fall, Spring, Summer

Restrictions: May not be enrolled in one of the following College(s): School of Business & Economics; May not be enrolled in one of the following Class(es): Freshman, Sophomore

EC 3500 - Public Economics

Economic analysis of how democratic governments generate revenue (primarily taxation) and make expenditure decisions and how such decisions impact the welfare of individuals. Topics include market failures, voting processes, income redistribution programs, efficiency and incidence of taxation.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Fall, Spring - Offered alternate years beginning with the 2001-2002 academic year

Pre-Requisite(s): EC 2001

EC 3700 - Labor/Human Resource Economics

Economic analysis of labor markets and human resources. Topics include the supply and demand for labor, wage determination, human capital theory, returns to education and training, causes of wage differentials, and economic effects of discrimination.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: On Demand - Offered alternate years beginning with the 2001-2002 academic year

Pre-Requisite(s): EC 2001 and (BA 2100 or MA 2710 or MA 2720 or MA 3710)

EC 4000 - Senior Seminar in Economics

A senior capstone seminar in which students discuss and conduct research under the guidance of several faculty members.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring

Restrictions: Must be enrolled in one of the following Major(s): Economics; May not be enrolled in one of the following Class(es): Freshman, Sophomore, Junior

EC 4200 - Econometrics

Introduces techniques and procedures to estimate and test economic and financial relationships developed in business, economics, social and physical sciences.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Fall

Pre-Requisite(s): (EC 2001 or EC 3002 or EC 3003) and (BA 2100 or MA 2710 or MA 2720 or MA 3710) and (MA 1135 or MA 1160 or MA 1161)

EC 4400 - Banking and Financial Institutions

Analysis of asset and liability management of financial institutions and the role of financial institutions in the U.S. and international economy.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Spring

Pre-Requisite(s): (EC 3003 or BA 3400)

EC 4620 - Energy Economics

Introduction to the institutional, technical, and economic issues of the production and use of energy resources, including petroleum, natural gas, coal, nuclear, electric utilities, and alternative energy sources. Applies economic analysis to industrial and policy problems of the supply, distribution, and use of energy resources, including environmental and social consequences.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Spring

Pre-Requisite(s): EC 2001

EC 4630 - Mineral Industry Economics

Studies the role of minerals and metals in society and the economics of their use. Applies economic principles to examine the supply, demand, markets, and foreign trade for important minerals and metals. Examines the effect of government policies on the minerals industries. Requires a technical report.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Fall, Spring - Offered alternate years beginning with the 2009-2010 academic year

Pre-Requisite(s): EC 2001

EC 4640 - Natural Resource Economics

Studies the economics of nonrenewable resources (energy and minerals) and renewable resources (water, fisheries, forests and species). Discusses the economics of land use change, macroeconomic topics such as economic growth, sustainability and green accounting.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Fall

Pre-Requisite(s): EC 2001 or EC 3002

EC 4650 - Environmental Economics

Considers the efficient and equitable use of environmental resources, including air, water, land, wilderness and parks, wildlife and other ecological systems. Measures the benefits and costs of decreasing pollution, cleaner environment, and protecting scarce ecological resources. Addresses market failures and the economic valuation of environmental amenities.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Spring

Pre-Requisite(s): EC 2001 or EC 3002

EC 4700 - Economics of Health Care

Economic analysis of the health care sector: organization, demand and supply factors, pricing practices, financing mechanism, public vs. private, impact of third party, medical school funding and admission policy, insurance and prepayment, and health and economic development.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: On Demand

Pre-Requisite(s): EC 2001

EC 4900 - Research

Under the general guidance of a faculty member, students read, conduct research, and prepare reports and papers as required.

Credits: variable to 4.0; Repeatable to a Max of 6

Semesters Offered: On Demand

Pre-Requisite(s): EC 2001

EC 4990 - Special Topics in Economics

Economic topics of interest to students and faculty.

Credits: variable to 4.0; Repeatable to a Max of 6

Semesters Offered: On Demand

Pre-Requisite(s): EC 2001