Economics (ECON)

Course information contained within the Bulletin is accurate at the time of publication in August 2023 but is subject to change. For the most up-to-date course information, please refer to the Course Catalog.

ECON 0858. The American Economy. 3 Credit Hours.
Should the federal government more forcefully engage health care issues, or are its current obligations a hidden time bomb facing the federal budget? Should we be concerned about the outsourcing of U.S. jobs? Is the minimum wage too low, or will increases in the minimum simply lead to greater unemployment? Students will engage these and other pressing issues, write position papers advocating specific actions that governments or firms should take, and debate these recommendations. While economic theory is not the centerpiece of this course, students will learn enough economic theory to be able to discuss policy in an informed manner. They will also be introduced to important sources of "economic" information, from government web sites to major publications. NOTE: This course fulfills the U.S. Society (GU) requirement for students under GenEd and American Culture (AC) for students under Core. Students cannot receive credit for ECON 0858 if they have successfully completed SOC 0858.

Course Attributes: GU

Repeatability: This course may not be repeated for additional credits.

ECON 1001. Introduction to the Economy. 3 Credit Hours.
Discussion of what economics is all about. Provides an overview of how a market economy operates, what it does well, what it may not do so well, and what could be done instead. The concepts of economic analysis are developed and applied to discussing some of the current economic problems the world is facing. NOTE: (1) This course is designated for students who are not business or economics majors. Students planning to take 2000, 3000 or 4000 level economics courses may have to take Economics 1101 or 1102 in addition to Economics 1001. Look at prerequisites for a particular course to see if 1101 or 1102 is specified. (2) This course can be used to satisfy the university Core Individual and Society (IN) requirement. Although it may be usable towards graduation as a major requirement or university elective, it cannot be used to satisfy any of the university GenEd requirements. See your advisor for further information.

Course Attributes: IN

Repeatability: This course may not be repeated for additional credits.

ECON 1101. Macroeconomic Principles. 3 Credit Hours.
An introductory course in macroeconomics. Topics include business cycles, inflation, unemployment, banking, monetary and fiscal policy, international economics, and economic growth. NOTE: (1) Economics 1101 and 1102 may be taken in any order. (2) This course can be used to satisfy the university Core Individual and Society (IN) requirement. Although it may be usable towards graduation as a major requirement or university elective, it cannot be used to satisfy any of the university GenEd requirements. See your advisor for further information.

Course Attributes: IN

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (MATH 0702, SCTC 1021, any course with attribute "QA", any course with attribute "QB", 'Y' in MC3, 'Y' in MC4, 'Y' in MC5, 'Y' in MC6, 'Y' in STA1, 'Y' in STA2, 'Y' in MC3A, 'Y' in MC6A, 'Y' in ST1A, 'Y' in ST2A, 'Y' in MC3S, 'Y' in MC3D, 'Y' in MC3O, 'Y' in MC3T, or 'Y' in MC6T)

ECON 1102. Microeconomic Principles. 3 Credit Hours.
An introductory course in microeconomics. Topics include the market system, supply and demand, cost, competition, monopoly, oligopoly, factor markets, and public goods. NOTE: (1) Economics 1101 and 1102 may be taken in any order. (2) This course can be used to satisfy the university Core Individual and Society (IN) requirement. Although it may be usable towards graduation as a major requirement or university elective, it cannot be used to satisfy any of the university GenEd requirements. See your advisor for further information.

Course Attributes: IN

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (MATH 0702, SCTC 1021, any course with attribute "QA", any course with attribute "QB", 'Y' in MC3, 'Y' in MC4, 'Y' in MC5, 'Y' in MC6, 'Y' in STA1, 'Y' in STA2, 'Y' in MC3A, 'Y' in MC6A, 'Y' in ST1A, 'Y' in ST2A, 'Y' in MC3S, 'Y' in MC3D, 'Y' in MC3O, 'Y' in MC3T, or 'Y' in MC6T)

ECON 1103. Global Economics. 3 Credit Hours.
This course is designed to introduce non-majors to key terms and concepts economists use to analyze questions related to economic growth and development. Global economic issues to be discussed include questions such as persistence of underdevelopment, free trade vs. protectionism, migration, and the role of multinational corporations. NOTE: (1) May not be taken by FSBM students as a substitute for Economics 1101, 1102, 1901, or 1902. (2) This course can be used to satisfy the university Core International Studies (IS) requirement. Although it may be usable towards graduation as a major requirement or university elective, it cannot be used to satisfy any of the university GenEd requirements. See your advisor for further information.

Course Attributes: IS, SI

Repeatability: This course may not be repeated for additional credits.

ECON 1901. Honors Macroeconomic Principles. 3 Credit Hours.
An introductory course in macroeconomics. Topics include business cycles, inflation, unemployment, banking, monetary and fiscal policy, international economics, and economic growth. NOTE: (1) 1901 is the honors course. It usually requires additional reading and writing assignments. (2) This course can be used to satisfy the university Core Individual and Society (IN) requirement. Although it may be usable towards graduation as a major requirement or university elective, it cannot be used to satisfy any of the university GenEd requirements. See your advisor for further information.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: HO, IN

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (MATH 0702, any course with attribute "QA", any course with attribute "QB", 'Y' in MC3, 'Y' in MC4, 'Y' in MC5, 'Y' in MC6, 'Y' in STA1, 'Y' in STA2, 'Y' in MC3A, 'Y' in MC6A, 'Y' in ST1A, 'Y' in ST2A, 'Y' in MC3S, 'Y' in MC3D, 'Y' in MC3O, 'Y' in MC3T, or 'Y' in MC6T)

ECON 1902. Honors Microeconomic Principles. 3 Credit Hours.
An introductory course in microeconomics. Topics include the market system, supply and demand, cost, competition, monopoly, oligopoly, factor markets, and public goods. NOTE: (1) 1902 is the honors course. It usually requires additional reading and writing assignments. (2) This course can be used to satisfy the university Core Individual and Society (IN) requirement. Although it may be usable towards graduation as a major requirement or university elective, it cannot be used to satisfy any of the university GenEd requirements. See your advisor for further information.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: HO, IN

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (MATH 0702, any course with attribute "QA", any course with attribute "QB", 'Y' in MC3, 'Y' in MC4, 'Y' in MC5, 'Y' in MC6, 'Y' in STA1, 'Y' in STA2, 'Y' in MC3A, 'Y' in MC6A, 'Y' in ST1A, 'Y' in ST2A, 'Y' in MC3S, 'Y' in MC3D, 'Y' in MC3O, 'Y' in MC3T, or 'Y' in MC6T)

ECON 2000. Special Topics/Non-Majors. 3 Credit Hours.
Topics vary. See academic advisor for a description.

Repeatability: This course may be repeated for additional credit.

ECON 2061. Foundations of Macroeconomic Development. 3 Credit Hours.
This course provides students with the tools to understand current and historic events in the world economy. We will study selected models in economic growth, international trade, and international finance. The theoretical background will then be used as the basis for discussion of international economic policy issues. Note: This course does not count towards the major or minor in Economics.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102, ECON 1902, or ECON 1103) and (MATH 0702, 'Y' in MC3, 'Y' in MC4, 'Y' in MC5, 'Y' in MC6, 'Y' in MC3A, 'Y' in MC6A, or 'Y' in MC3S)

ECON 2408. Economics of Everyday Choices. 3 Credit Hours.
This course discusses key economic concepts that play an important role in major life choices. Particular emphasis is placed on financial decisions, such as saving for retirement, house and car purchases, and financing college education. These personal financial decisions are placed into their macro-economic context; topics such as inflation, interest rates, and banking are discussed. Using a calculator and basic mathematical concepts, students learn how to access and evaluate government and private data pertaining to each of the topics of the course. Duplicate Credit Warning: Students will only receive credit for one of these: ECON 2408 or ECON 3408. Note: This course is designed for non-majors and will not count towards the major in Economics or Mathematical Economics. Students majoring in Economics or Mathematical Economics may take this as a non-major elective only.

Repeatability: This course may not be repeated for additional credits.

ECON 2585. Internship. 1 to 12 Credit Hour.
This course is intended to combine work experience with long-term learning goals. Students who have obtained a qualified internship can enroll. Each student will maintain regular contact with the instructor of the course, and will complete a series of written assignments. These written assignments will give progressively more in depth analyses of the place of the internship. The objective is to gain awareness of the purpose of the organization, its function in society, its challenges, and the decisions that it needs to make regarding its long-term goals. The student will report not only on his or her own activities, but also on the long-term goals and challenges of the organization. An internship is both an entry level position for an organization, and an opportunity to explore the needs of that organization, and to begin to think about broader issues, such as those that a leader or president with that organization might address one day.

Repeatability: This course may be repeated for a total of 12 credit.

ECON 3062. Economics of Global Poverty. 3 Credit Hours.
This course will introduce students to the microeconomics foundations of development and the economic lives of the poor in low- and middle-income countries. Topics include measurement of poverty, inequality, and human development.

Course Attributes: SF

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102, ECON 1103, or ECON 1902) and (MATH 0702, any course with attribute "QA", any course with attribute "QB", 'Y' in MC3, 'Y' in MC4, 'Y' in MC5, 'Y' in MC6, 'Y' in STA1, 'Y' in STA2, 'Y' in MC3A, 'Y' in MC6A, 'Y' in ST1A, 'Y' in ST2A, or 'Y' in MC3S)

ECON 3408. Economics for Life. 3 Credit Hours.
Increasingly, people are expected to make their own personal financial choices. Economics, which is often defined as the study of choice, provides a structure for making these decisions. This course is designed to help a student, regardless of his or her major, to understand what options are available with respect to a given financial choice and how to go about deciding which one is best in terms of that student's preferences. Among the financial choices that may be discussed are: whether to rent or buy a house or apartment, whether to accept a current job offer or wait for a better one, and when and how much to begin setting aside for retirement.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102 or ECON 1902)

ECON 3501. Intermediate Microeconomic Analysis. 3 Credit Hours.
An intermediate treatment of microeconomic theory and applications. Topics include consumer behavior, production, costs, perfect competition, imperfect competition, factor markets, public goods, and market failure. NOTE: This theory course is designed for economics, finance, and actuarial science majors with analytic skills. It is required for all Economics majors. It is not recommended for non-majors who earned less than B- in Economics 1101 or 1102. Students who have received credit for ECON 3701 may not register for this course.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3502. Intermediate Macroeconomic Analysis. 3 Credit Hours.
An intermediate treatment of macroeconomic theory and policy. Following a discussion of the important macroeconomic sectors, static and dynamic macroeconomic models are developed. Unemployment, inflation, business cycles, monetary and fiscal policy, economic growth, and the balance of payments are then analyzed using these models. NOTE: This theory course is designed for economics, finance, and actuarial science majors with analytic skills. It is required for all Economics majors. Not recommended for non-majors who earned less than B- in Economics 1101 or 1102. Students who have earned credit for ECON 3702 may not register for this course.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3503. Introduction to Econometrics. 3 Credit Hours.
Introduction to the theory and practice of econometrics. Topics include a review of basic statistics, simple regression, multiple regression, dummy variables, autocorrelation, heteroscedasticity, and model specification. Applications in economics are stressed. Problem sets, computer estimation of economic relationships, and a data analysis paper are required. This course is strongly recommended for Economics majors. NOTE: Not recommended for non-majors who earned less than B- in Economics 1101 or 1102.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW), (ECON 1102 or ECON 1902), and (STAT 2103, STAT 2903, MATH 3031, STAT 2101, or MATH 2031)

ECON 3504. Mathematical Economics. 3 Credit Hours.
Elements of set theory, calculus, and matrix algebra are presented and used to analyze mathematical models from economic theory, econometrics, management science, and statistics. This course is strongly recommended for Economics majors.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW), (ECON 1102 or ECON 1902), and (MATH 1031, MATH 1041, MATH 1941, MATH 1038, or 'Y' in MATW)

ECON 3506. Energy, Ecology, and Economy. 3 Credit Hours.
After surveying the elements of energy and ecology, and reviewing the basics of economics, this course investigates the interaction of the three. Each of the major nonrenewable and renewable energy sources is examined in light of its "eco-feasibility." The potential of energy conservation is examined, and the need for energy/environmental/economic (3-E) policy is debated. Some speculations about future 3-E scenarios are offered, as the U.S. and the rest of the world face their energy, ecological, and economic problems.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3507. Health Economics. 3 Credit Hours.
Problems of efficient production and the equitable distribution of health-related services. Policy-oriented material with comprehensive review of standard microeconomic theory in the context of supplier-dependent consumer decisions, third-party payers, and not-for-profit producers. NOTE: Students will receive credit only once for either ECON 3507 or ECON 3597.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102 or ECON 1902)

ECON 3511. The Economics and Management of Privatization. 3 Credit Hours.
This course introduces students to the new trend of shifting delivery of services and responsibilities from governments and non-profit organizations to the private sector. It includes North American and international experiences. This course provides public economics theoretical models, as well as description and evaluation of experiences in the fields of justice, transportation, education, health, and welfare. The course will further suggest models of the privatization process.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102 or ECON 1902)

ECON 3512. Public Finance. 3 Credit Hours.
An overview of the economics of the public sector. Topics include the theories of public goods and optimal (efficient and equitable) taxation, public expenditures, revenues, and tax incidence.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3513. Economics of State and Local Governments. 3 Credit Hours.
Economic problems confronting state and local governments. Topics include intergovernmental relationships, the response of state and local governments to problems of urbanization, and the impact of state and local taxes and expenditures.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3514. The Economics of Education and Human Capital. 3 Credit Hours.
This course will focus on an analysis of the market for education in the United States, including both K-12 and higher education. We will discuss how our education system is currently organized (e.g. how schools are funded), and the implications this has for students and the economy as a whole. We will examine and critically evaluate scientific studies related to key questions in the policy debate, such as "How does a smaller class size impact student outcomes?", or "What are the biggest problems with the student loan system?"

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102 or ECON 1902), (ECON 1101 or ECON 1901), and STAT 2103.

ECON 3519. Game Theory and Strategic Behavior. 3 Credit Hours.
Game theory is a fundamental tool to analyze economic and social interactions. It has been widely used in economics, management science, sociology, political science, computer science, biology, and other areas. In this course, you will study essential concepts in game theory, such as strategic/extensive form and Nash/subgame perfect equilibrium, and master their application to various situations in economics, business, society, and daily life.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102 or ECON 1902) and (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080, or 'Y' in MATW)

ECON 3522. Economic Theory of Networks. 3 Credit Hours.
This course presents an overview of networks with emphasis on social networks, online and offline. The student will learn the basic mathematical techniques for representing networks as well as techniques from game theory and economics for the analysis of network structure and evolution.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102 or ECON 1902)

ECON 3525. Urban Economics. 3 Credit Hours.
This course introduces students to the concepts, methods and the core models used by economists to study not only cities, towns and regions and their relationships with each other, but, more generally, the interesting spatial aspects and spatial outcomes of decision-making by households and firms. The course will examine the determinants of the characteristics and structure of urban and regional areas (both intra-urban and inter-urban), and consider the causes and consequences of city, suburban and regional development, growth, and decline. We will discuss how issues related to poverty, housing, transportation and education are closely intertwined with the spatial decisions of households and firms. An important component of this course will be the study of the impact and relationship of local, state and federal government tax, spending, and land-use policies on urban and regional economies.

Course Attributes: SI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102 or ECON 1902)

ECON 3531. History of Economic Theory. 3 Credit Hours.
The development of economic analysis from the pre-classical period to the neo-classical tradition that dominates contemporary mainstream economic thinking; emphasis on the work of Adam Smith, Malthus, Ricardo, the Marginalists, Marx, and Marshall.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3532. Economic History of the United States. 3 Credit Hours.

An overview of the forces that influence economic development and growth. Topics include alternative theories of development, empirical studies of the development process, and the role of non-economic factors in helping or hindering economic progress.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102, ECON 1103, or ECON 1902)

ECON 3535. Public Control of Business: Antitrust. 3 Credit Hours.

An overview of U.S. antitrust policy as applied to monopoly, mergers, price discrimination, tying agreements, and patents. Includes analysis of antitrust issues in law, medicine, and professional sports. The relative merits of government ownership, regulation, and antitrust policy are examined.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3536. Economics of American Industry. 3 Credit Hours.

Examines the competitive and monopolistic features of American industry and their effect on product prices and quality, the distribution of income, the rate of technological progress, and, among others, the efficient utilization of scarce resources, and economic rationale for the antitrust laws.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3537. Comparative Economic Systems. 3 Credit Hours.

The course highlights how two economic models - market and government control - are combined and applied in different societies. Specifics are studied for the following cases: (1) the U.S., with traditionally lowest government involvement in economic activity; (2) West European countries, with both market and socialist oriented institutions; (3) the former Soviet Union and Central European countries, which rejected complete government control and are being transformed into market economies; and (4) China, where the government keeps control of big business and allows economic freedom for small business and agriculture. An important consideration is how various systems promote economic growth and withstand crises.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102, ECON 1103, or ECON 1902)

ECON 3538. Managerial Economics. 3 Credit Hours.

The application of microeconomic principles to business planning and decision-making. Topics include demand estimation, cost analysis, and production planning.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3541. The Economics of Sports. 3 Credit Hours.

This course introduces students to a variety of economic disciplines through the prism of professional and amateur sports. Students confront industrial organization and anti-trust issues involving sports leagues, public finance issues involving the relationship between cities and franchises, and labor issues involving reward systems, unions and discrimination. The course concludes with an analysis of collegiate sports and the NCAA.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3543. Law and Economics. 3 Credit Hours.

This course provides an introduction to the economic analysis of law. The course employs microeconomics to develop a behavioral model of response to legal rules. Topics covered include the common laws of property, contract, and tort as well as an extended discussion of intellectual property.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102 or ECON 1902)

ECON 3544. Computer-Based Modeling. 3 Credit Hours.
Students access a variety of economic models established on the University computing system. The models are used in problem-solving to reinforce economic concepts and to gain experience in the conduct of applied economics. Evaluating the consequences of government policies using cost/benefit analysis is emphasized. NOTE: No prior experience with computers or computer programming is required.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW), (ECON 1102 or ECON 1902), and (MATH 1031, MATH 1041, MATH 1941, MATH 1038, STAT 1102, STAT 1902, or 'Y' in MATW)

ECON 3545. Economics of Labor Markets. 3 Credit Hours.
Examines the nature of labor market equilibrium. Topics include fertility and migration, the allocation of time and occupational choice, human capital, and discrimination.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3546. Women in the Economy. 3 Credit Hours.
A course in labor economics with specific application to women in paid and unpaid employment. The course explores alternative economic theories of the labor market and economic approaches to discrimination as well as historic changes in the nature of unpaid and paid work. These theories are then applied to the economic situation of women in the U.S. and other societies.

Course Attributes: SI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3547. Economics of Development and Growth. 3 Credit Hours.
The course concentrates on issues of growth and development for a variety of world economies. The issues covered include topics such as scarcity of resources, interaction between market and government control, role of technology and human capital, and inequality and poverty. Specific tools include the measurement of economic growth and standards of living, conduct of macroeconomic policy, models of international trade, and instruments of global capital markets.

Course Attributes: SI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3548. Behavioral Economics. 3 Credit Hours.
This upper-level course, provides a solid foundation for understanding the new field of Behavioral Economics. It takes rational choice theory as a point of departure and then presents the findings of Behavioral Economics, explaining how these findings either support or call for a revision to the rational expectations model. The course uses multidisciplinary findings from psychology, experimental economics, neuroscience and evolutionary psychology to enhance our understanding of how humans make economics decisions and how incentives influence those decisions. Not only CLA economic majors, but also other CLA and FSBM students should be interested in this course, as it deals with the basis of all human decision-making. Students who have earned credit in ECON 3696 will not receive additional credits.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3563. International Trade. 3 Credit Hours.

An examination of the basic theories of international trade, commercial policy, and factor movements. Topics may include the relation between trade and economic growth, global aspects of U.S. trade policy, international trade agreements, and protectionism. NOTE: Not recommended for non-majors who earned less than B- in Economics 1101 or 1102.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3564. International Monetary Economics. 3 Credit Hours.

The analysis of the balance of payments and foreign currency markets. Topics include the international payments system, foreign investment and debt, and exchange rate regimes. NOTE: Not recommended for non-majors who earned less than B- in Economics 1101 or 1102.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3571. Money and Banking. 3 Credit Hours.

This course explores the role of the banking and monetary institutions within a modern developed economy, with an emphasis on the United States. (1) We will analyze financial intermediation and the role of banks in the economic system, place them in historical context, and discuss the economic rationale behind banking regulation. (2) We will study the role of money and the Federal Reserve in the U.S. economic and financial system. (3) We will discuss the instruments and goals of monetary policy.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3572. Owl Fund Seminar I. 3 Credit Hours.

This course provides students with the in-depth training in applied business economics to support the William C. Dunkelberg Owl Fund as part of the economics team. Students provide business conditions forecasts by sector incorporating data from FRED, Bloomberg, etc. including development of visually effective charts. In addition, the economics team is responsible for determining over versus under weighting of sectors based on their macro analysis. Permission of the instructor is required for admission.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101 or ECON 1901) and (ECON 1102 or ECON 1902)

ECON 3580. Special Topics. 3 Credit Hours.

Special topics in current developments in the field of economics.

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3581. Co-op Experience in Economics. 3 Credit Hours.

Students undertake a research project that integrates their current work experience with their classroom experience at Temple University. The results are reported in a 10 to 20-page paper prepared under the supervision of a faculty member. NOTE: Fox students should contact the Center for Student Professional Development (CSPD; www.sbm.temple.edu/cspd/; 215-204-2371) for permission to enroll in this course. All other students should contact the Economics Department Coordinator (Ritter Annex 873; 215-204-8880).

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3582. Independent Study. 1 to 6 Credit Hour.

Directed reading and/or writing assignments under supervision of a faculty member.

Repeatability: This course may be repeated for additional credit.

ECON 3596. Energy, Ecology, and Economy. 3 Credit Hours.

After surveying the elements of energy and ecology, and reviewing the basics of economics, this course investigates the interaction of the three. Each of the major nonrenewable and renewable energy sources is examined in light of its "eco-feasibility." The potential of energy conservation is examined, and the need for energy/environmental/economic (3-E) policy is debated. Some speculations about future 3-E scenarios are offered, as the U.S. and the rest of the world face their energy, ecological, and economic problems.

Course Attributes: SE, SF, SP, WI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3597. Health Economics. 3 Credit Hours.

Problems of efficient production and the equitable distribution of health-related services. Policy-oriented material with comprehensive review of standard microeconomic theory in the context of supplier-dependent consumer decisions, third-party payers, and not-for-profit producers. NOTE: Students will receive credit only once for either ECON 3507 or ECON 3597.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102 or ECON 1902)

ECON 3598. Economics Writing Seminar. 3 Credit Hours.

This course fulfills the advanced writing requirement for economics majors in the College of Liberal Arts and the Fox School of Business and Management. Students are expected to demonstrate through a series of writing assignments that they can use the economic techniques learned in previous courses to analyze current economic policy issues.

Class Restrictions: Must be enrolled in one of the following Classes: Senior 90 to 119 Credits, Senior/Fifth Year 120+ Credits.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 3501 or ECON 3701) and (ECON 3502 or ECON 3702)

ECON 3672. Owl Fund Seminar II. 3 Credit Hours.

This course is a continuation of ECON 3572 providing the in-depth training in applied business economics to support the William C. Dunkelberg Owl Fund as part of the economics team. Students in this course will focus on producing attribution analysis reports in support of the portfolio manager of the Owl Fund. Permission of instructor is required for admission.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in ECON 3572.

ECON 3682. Independent Study. 1 to 6 Credit Hour.

Directed reading and/or writing assignments under supervision of a faculty member.

Repeatability: This course may be repeated for additional credit.

ECON 3696. Behavioral Economics. 3 Credit Hours.

This upper-level course, provides a solid foundation for understanding the new field of Behavioral Economics. It takes rational choice theory as a point of departure and then presents the findings of Behavioral Economics, explaining how these findings either support or call for a revision to the rational expectations model. The course uses multidisciplinary findings from psychology, experimental economics, neuroscience and evolutionary psychology to enhance our understanding of how humans make economics decisions and how incentives influence those decisions. Not only CLA economic majors, but also other CLA and FSBM students should be interested in this course, as it deals with the basis of all human decision-making.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3697. The Economics of Sports. 3 Credit Hours.
This course introduces students to a variety of economic disciplines through the prism of professional and amateur sports. Students confront industrial organization and anti-trust issues involving sports leagues, public finance issues involving the relationship between cities and franchises, and labor issues involving reward systems, unions and discrimination. The course concludes with an analysis of collegiate sports and the NCAA. Students who have earned credit in ECON 3541 will not receive additional credits.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3698. Economic Inequality. 3 Credit Hours.
This course studies inequality from the economic perspective. Students learn about and discuss: moral evaluations of inequality in political philosophy; the measurement of economic inequality; the connection of inequality with economic growth; the connection of globalization with inequality both within and across countries; the analyses and policy proposals advanced recently; and finally, the proper role of state institutions and policies in addressing inequality.

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102 or ECON 1902) and (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW)

ECON 3701. Intermediate Microeconomic Analysis with Calculus. 3 Credit Hours.
An intermediate treatment of microeconomic theory and applications that makes frequent use of calculus and other mathematical techniques. Topics include consumer behavior, production, costs, perfect competition, imperfect competition, factor markets, public goods, and market failure. NOTE: This theory course is designed for students with strong analytic skills who have taken a minimum of Economics 1102 and Math 1041. Students who have received credit for ECON 3501 may not earn additional credit by taking this course.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102 or ECON 1902) and (MATH 1041, MATH 1941, ECON 3504, or 'Y' in MATW)

ECON 3702. Intermediate Macroeconomic Analysis with Calculus. 3 Credit Hours.
An intermediate treatment of macroeconomic theory and applications that makes frequent use of calculus and other mathematical techniques. NOTE: This theory course is designed for students with strong analytic skills who have taken a minimum of Economics 1101/1901, Economics 3501/3701, and Math 1041/1941 or Economics 3504. Students who have earned credit for ECON 3502 may not register for this course.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101 or ECON 1901), (ECON 3501 or ECON 3701), and (MATH 1041, MATH 1941, ECON 3504, or 'Y' in MATW)

ECON 3703. Econometric Theory. 3 Credit Hours.
An introduction to econometric theory. This course covers regression analysis, hypothesis testing, panel data, limited dependent variable models, instrumental variables, causal effects, and derives the properties of each of these estimators in substantial detail. The course also covers an introduction to statistical programming. This course is relatively math-intensive; it is designed for students who have at least taken Statistics 2103.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1102 or ECON 1902) and (STAT 2103, STAT 2903, or MATH 3031)

ECON 3900. Honors Topics in Economics. 3 Credit Hours.
Treatment of a particular topic in economics at the Honors level. NOTE: Topic varies from semester to semester. Honors courses usually require extra reading and a paper.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: HO

Repeatability: This course may be repeated for additional credit.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 3999. Honors Thesis I. 1 to 6 Credit Hour.
Students work in an independent study situation to develop an original research project. Permission of the Department Chairperson required for registration.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: HO

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101, ECON 1901, MATH 1042, MATH 1942, MATH 1951, any MATH course numbered 2043 to 3080 (may be taken concurrently), or 'Y' in MATW) and (ECON 1102 or ECON 1902)

ECON 4021. Economics of Risk, Uncertainty, and Information. 3 Credit Hours.
This course provides an introduction to the issues of risk, uncertainty and information in economics. Students are introduced to the standard model of decision making under uncertainty, the expected utility model. The model is applied to theories of decision-making in financial and insurance markets and the design of contracts.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 3501 or ECON 3701) and (MATH 1041, MATH 1941, ECON 3504, or 'Y' in MATW)

ECON 4071. Monetary Theory and Policy. 3 Credit Hours.
This course discusses advanced topics in Monetary Economics and Banking. We will first cover an essential list of theories and techniques in monetary economics. We will then explore topics such as the choice of monetary policy rules versus discretion, the liquidity effect of open market operations and the role of the credit channel of monetary policy. All these theories and techniques emphasize the interactions between macroeconomic phenomena and individuals' decisions. Students who have earned credit in ECON 3505 will not earn additional credit for this course.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 3501 and ECON 3571)

ECON 4999. Honors Thesis II. 1 to 6 Credit Hour.
Students continue working on the original original research project developed in ECON 3999. Permission of the Department Chairperson required for registration.

Cohort Restrictions: Must be enrolled in one of the following Cohorts: SCHONORS, UHONORS, UHONORSTR.

Course Attributes: HO

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C- in (ECON 1101 or ECON 1901) and (ECON 1102 or ECON 1902)