

Economics (ECON)

ECON 1001 Introduction to Economics (3 credits)

An introductory survey of economic issues for non-majors with an emphasis on using economic concepts as elements of critical reasoning.

Microeconomic topics include markets and the role of government in a market economy. Macroeconomic topics include the banking system, inflation and unemployment. International issues include the balance of trade and foreign exchange. Will not be counted towards the Economics major. Not available for students enrolled in the College of Business Administration.

Level of Study: Undergraduate

Last four terms offered: 2023 Summer Term, 2023 Spring Term, 2022 Summer Term, 2022 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%201001>)

ECON 1103 Principles of Microeconomics (3 credits)

Institutions and processes of market specialization and exchange. Supply and demand and their determinants. Pricing and production decisions of the firm under varying competitive conditions. The role of government in a modern mixed economy. Microeconomic analysis applied to selected economic problems.

Level of Study: Undergraduate

Interdisciplinary Studies: Applied Mathematics Economics, Environmental Studies, International Affairs, Public History

Last four terms offered: 2023 Summer Term, 2023 Spring Term, 2022 Fall Term, 2022 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%201103>)

ECON 1103H Honors Principles of Microeconomics (3 credits)

Institutions and processes of market specialization and exchange. Supply and demand and their determinants. Pricing and production decisions of the firm under varying competitive conditions. The role of government in a modern mixed economy. Microeconomic analysis applied to selected economic problems. As an Honors Program course, includes a more intensive research or project component.

Prerequisite: Admission to Marquette University Honors Program.

Level of Study: Undergraduate

Interdisciplinary Studies: Applied Mathematics Economics, Environmental Studies, International Affairs, Public History

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%201103H>)

ECON 1104 Principles of Macroeconomics (3 credits)

Processes and determinants of overall economic activity and growth. National income accounting, determination of aggregate income, employment, and the price level. Money and banking, government monetary and fiscal policy, and international economics.

Prerequisite: ECON 1103.

Level of Study: Undergraduate

Interdisciplinary Studies: Applied Mathematics Economics, Environmental Studies, International Affairs

Last four terms offered: 2023 Summer Term, 2023 Spring Term, 2022 Fall Term, 2022 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%201104>)

ECON 1104H Honors Principles of Macroeconomics (3 credits)

Processes and determinants of overall economic activity and growth. National income accounting, determination of aggregate income, employment, and the price level. Money and banking, government monetary and fiscal policy, and international economics. As an Honors Program course, includes a more intensive research or project component.

Prerequisite: ECON 1103 and admission to Marquette University Honors Program.

Level of Study: Undergraduate

Interdisciplinary Studies: Environmental Studies

Last four terms offered: 2017 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%201104H>)

ECON 1930 Special Topics in Economics (1-3 credits)

Offered as an experimental course to evaluate and determine if a course should be incorporated into the regular curriculum of a program, or courses in the approval process pipeline, but not yet officially approved. Once the same course has been offered twice as a Special Topic, it cannot be offered again until it moves through the curriculum approval process and is approved with a regular curriculum course number.

Level of Study: Undergraduate

Last four terms offered: 2017 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%201930>)

ECON 3001 Applied Business Economics (3 credits)

For non-economics majors who want to apply economic tools to solve problems. Focuses on the explanation and development of key economic principles and models that are relevant to business analysis and managerial decision-making. Introduces and develops skills in the practice of using economic models, finding and gathering necessary data and statistical techniques for the purpose of aiding business decision-making. Additionally, the usefulness and limitations of such models, data and techniques are scrutinized. Required for all economics minors but does not satisfy the requirements for upper-level economics courses for economics majors. Students may not take both ECON 3001 and ECON 3003 for credit.

Prerequisite: ECON 1103, ECON 1104; and BUAD 1560 or equiv.

Level of Study: Undergraduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2020 Fall Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%203001>)

ECON 3003 Intermediate Microeconomic Analysis (3 credits)

Reviews the tools of supply and demand analysis. Studies the market behavior of consumers and business firms and the way they interact with each other and with public policy. Applies market theory to questions of resource allocation efficiency, changing market conditions, optimal pricing and output strategies and to important social issues of the day. Students may not take both ECON 3001 and ECON 3003 for credit.

Prerequisite: ECON 1103; ECON 1104; MATH 1400 or equiv.

Level of Study: Undergraduate

Interdisciplinary Studies: Applied Mathematics Economics, Environmental Studies

Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2022 Spring Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%203003>)

ECON 3004 Intermediate Macroeconomic Analysis (3 credits)

Determines levels of aggregate output, employment and prices. Describes available policy variables and their impacts upon the money, bond, goods and labor markets. Looks at inflation and unemployment, international macroeconomic interrelationships and fundamentals of the economic growth process.

Prerequisite: ECON 1103; ECON 1104; MATH 1400 or equiv.

Level of Study: Undergraduate

Interdisciplinary Studies: Applied Mathematics Economics

Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2022 Spring Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%203004>)

ECON 3399 The College Fed Challenge (0-3 credits)

Students apply their understanding of economics and financial markets using oral communication and visualization skills as part of the College Fed Challenge competition. Preparation includes analysis of the domestic and global economies and financial markets; presentation requires real-time application of problem-solving and critical thinking skills.; ECON, BUEC or INAM major or ECON minor; and cons. of instr.

Prerequisite: ECON 3004, Jr. stdng.

Level of Study: Undergraduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%203399>)

ECON 3986 Internship Work Period (0 credits)

SNC/UNC grade assessment.

Prerequisite: ECON 3001 or ECON 3003; cons. of prog. dir. and cons. of Business Career Center.

Level of Study: Undergraduate

Last four terms offered: 2022 Summer Term, 2021 Summer Term, 2019 Summer Term, 2019 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%203986>)

ECON 4005 Sports Economics (3 credits)

Application of relevant statistical tools and economic models to the economics of sports. One major aspect applies those tools and models to investigate the behavior of athletes and coaches. A second major aspect deals with business aspects of sports, including topics such as the organization of sports franchises and leagues, the public financing of stadiums, and labor issues including compensation and discrimination.

Prerequisite: ECON 1103 and 1104.

Level of Study: Undergraduate

Last four terms offered: 2023 Spring Term, 2021 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204005>)

ECON 4006 Industrial Organization (3 credits)

Examines the interaction of firms with their competitors, their customers and government regulators. Covers oligopoly models that lie between the extremes of perfect competition and perfect monopoly. Additional topics may include the economic analysis of price discrimination, durable goods, advertising, mergers, vertical integration, collusion, auctions and innovation.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Last four terms offered: 2022 Fall Term, 2021 Spring Term, 2018 Spring Term, 2014 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204006>)

ECON 4008 Economics and Law (3 credits)

Relationship between the rights and obligations which the legal system confers on individuals and the allocation of resources which results from alternative assignments of legal rights. Uses and limitations of economic analysis in explaining the process by which legal rights are conferred.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Last four terms offered: 2017 Fall Term, 2013 Fall Term, 2011 Fall Term, 2010 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204008>)

ECON 4010 Public Finance (3 credits)

Role of government in a market-oriented economy. Externalities, public goods and political decision-making. Analysis of major federal spending programs including social security, health care and welfare. Effects of government expenditure and tax policies on efficiency in the allocation of resources and on the distribution of income. Principles of taxation, budget deficits and the financing of public expenditures.

Prerequisite: ECON 1103, ECON 1104 and ECON 3003.

Level of Study: Undergraduate

Marquette Core Curriculum: SSC Individuals & Communities

Interdisciplinary Studies: Urban Affairs

Last four terms offered: 2021 Fall Term, 2019 Fall Term, 2017 Spring Term, 2015 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204010>)

ECON 4012 Urban and Regional Economics (3 credits)

Economic role of cities and systems of cities. Forces behind regional and urban growth. Explaining migration and employment changes. The role of quality of life in cities. Problems of central city economic decline, urban poverty, housing problems, and urban transportation. Suburbanization and urban sprawl.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Interdisciplinary Studies: Africana Studies, Environmental Studies, Urban Affairs

Last four terms offered: 2018 Spring Term, 2015 Spring Term, 2013 Fall Term, 2011 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204012>)

ECON 4016 Environmental and Natural Resource Economics (3 credits)

Economic analysis of environmental and natural resources including land, air, and water. Special emphasis on the role of human values and economic institutions in resource exploitation. Topics covered include air and water pollution, energy, ocean resources, forestry practices, mineral resources, the population problem, and agriculture.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Marquette Core Curriculum: SSC Expanding Our Horizons

Interdisciplinary Studies: Environmental Ethics, Environmental Studies, International Affairs, Peace Studies, Urban Affairs

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Summer Term, 2020 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204016>)

ECON 4020 Economics of Labor Markets (3 credits)

Supply and demand conditions unique to markets for services of human beings. The economics of investment and disinvestment of human capital. Topics include: determination of labor force size, geographic distribution and qualitative aspects; economic effects of institutional arrangements and labor laws; current issues.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Marquette Core Curriculum: SSC Individuals & Communities

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2019 Fall Term, 2017 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204020>)

ECON 4022 Economics of Healthcare and Health Policy (3 credits)

An introduction to healthcare and health policy from an economics perspective. Covers the demand for and supply of healthcare, moral hazard, adverse selection, and health insurance markets (public and private) using economic evaluation techniques. Also covers the ongoing federal healthcare reform as the Patient Protection and Affordable Care Act of 2010 is the largest piece of health legislation in decades and is dramatically changing the underlying structure and operation of the healthcare sector. Discuss the value of health, externalities and public health, cost containment and managed care in addition to several other health topics. The main goal is to better understand the issues and debates in the vast and rapidly growing field of health economics.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Marquette Core Curriculum: SSC Basic Needs & Justice

Last four terms offered: 2022 Spring Term, 2021 Spring Term, 2020 Spring Term, 2018 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204022>)

ECON 4040 International Economic Issues (3 credits)

Survey of international economics. Basis for and welfare effects of international trade, commercial policies, and economic growth. International organizations, trading regions, and trade accords. Balance of payments concepts and exchange rate theories. History and theory of international monetary systems including fixed versus flexible exchange rates. Note: Credit not given, including credit to fulfill any Discovery Tier requirements, if simultaneously enrolled in or have already completed either ECON 4044 or ECON 4046 for credit.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Marquette Core Curriculum: SSC Crossing Boundaries

Interdisciplinary Studies: International Affairs

Last four terms offered: 2023 Spring Term, 2021 Fall Term, 2021 Spring Term, 2019 Spring Term
Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204040>)

ECON 4044 Global Integration of Financial Sectors (3 credits)

As the world gets smaller, exchange rate management and policies as well as their international coordination and conflict become increasingly important. With the context of current issues, the application of market concepts are used to understand institutional behavior as well as investment decisions. Ideas include historical context and application to financial and/or economic crises around the globe. Note: A student may not receive credit for ECON 4040 if taken simultaneously with or upon successful completion of ECON 4044.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Interdisciplinary Studies: International Affairs

Last four terms offered: 2018 Fall Term, 2018 Spring Term, 2017 Spring Term, 2016 Fall Term
Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204044>)

ECON 4045 Comparative Economic Systems (3 credits)

An analysis and description of economies as they evolved from ancient societies through today. Analyze the effects of alternative systems on social and economic behavior under differing levels of technology and development. Compare the economic behavior and policy between socialistic markets and capitalistic markets as the development reaches present-day levels.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Last four terms offered: 2022 Fall Term, 2020 Fall Term, 2016 Fall Term, 2014 Spring Term
Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204045>)

ECON 4046 International Trade (3 credits)

Sources, patterns, and welfare implications of international trade. Empirical investigations of traditional trade theories. Arguments for and impact of commercial policies. Trade effects of economic growth. Imperfect competition and intra-industry trade as alternatives to traditional theories and views. Note: A student may not receive credit for ECON 4040 if taken simultaneously with or upon successful completion of ECON 4046.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Interdisciplinary Studies: International Affairs

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Spring Term, 2020 Fall Term
Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204046>)

ECON 4047 Development Economics (3 credits)

Development economics considers the current conditions under which the majority of the world lives. From the context of the UN development goals, consider the similarities among these nations from their inception as well as the myriad of problems that have evolved. Consider why current economic models cannot provide a magic solution to the issues and gives students a chance to create their own solutions to problems they find.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Marquette Core Curriculum: SSC Basic Needs & Justice

Interdisciplinary Studies: Environmental Studies, Latin American Studies, Peace Studies

Last four terms offered: 2022 Spring Term, 2020 Spring Term, 2018 Fall Term, 2017 Spring Term
Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204047>)

ECON 4049 Public Policy and Finance in Latin American Cities (3 credits)

Explores how Latin American cities finance public goods and services and examines the public policy debates regarding local governments' provision of these goods and services. The first part of the course uses basic public finance theory to analyze issues such as local government taxes, user fees, intergovernmental fiscal relations, land-based financing tools and participatory budgeting. The second part of the course examines specific public policy challenges that Latin American cities face, such as public provision of water and sewerage services, housing, transportation and environmental issues and urban poverty.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Interdisciplinary Studies: International Affairs

Last four terms offered: 2022 Fall Term, 2021 Spring Term, 2020 Fall Term
Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204049>)

ECON 4060 Introduction to Econometrics (3 credits)

Designed to teach how to build an econometric model and to make forecasts using it. Models are constructed to explain phenomena that are observed frequently in business, economics and the social sciences. Linear regression analysis is employed and both single-equation and multi-equation models are investigated. Of practical value to economists, businessmen, engineers, statisticians, and other professionals for whom applied quantitative techniques are important.

Prerequisite: ECON 3003; and BUAD 1560 or MATH 1700 or MATH 4720 or equiv.

Level of Study: Undergraduate

Interdisciplinary Studies: Applied Mathematics Economics

Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2022 Spring Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204060>)

ECON 4065 Mathematical Economics (3 credits)

Designed to give students the quantitative background required to appreciate the use of mathematics in economic analysis. Emphasis is on developing important techniques. However, many economic applications are incorporated in order to demonstrate how standard economic models can be developed in mathematical terms. Topics include matrix algebra, differential calculus, both constrained and unconstrained optimization and comparative statistics.

Prerequisite: ECON 3003 and one of the following: MATH 1400, MATH 1410, MATH 1450, MATH 1451, MATH 1455 or MATH 2450.

Level of Study: Undergraduate

Interdisciplinary Studies: Applied Mathematics Economics

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2020 Fall Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204065>)

ECON 4070 Economics and Ethics (3 credits)

Examines the relationship between economics and ethics, or how moral values and ethical reasoning underlie both the science of economics and the operation of the economy. Aim of the course is to introduce students to the role of ethical reasoning in economics and economic life, and thereby help create a capacity on their part for ethical reflection and action in connection with economic policy and individual economic experience.

Prerequisite: ECON 1103 and ECON 1104.

Level of Study: Undergraduate

Interdisciplinary Studies: Peace Studies

Last four terms offered: 2018 Summer Term, 2017 Summer Term, 2016 Summer Term, 2015 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204070>)

ECON 4072 Behavioral Economics (3 credits)

An introduction to behavioral economics. Traditional economic models assume that people have perfect rationality and perfectly process all available information. Behavioral economics relaxes some of the assumptions made about people to reconcile traditional models with real world observations. Coverage of behavioral economic theory is presented by emphasizing empirical results from lab experiments and the real world, and investigating some public policy implications.

Prerequisite: ECON 3003.

Level of Study: Undergraduate

Marquette Core Curriculum: SSC Expanding Our Horizons

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204072>)

ECON 4080 Money, Banking and Monetary Policy (3 credits)

Origins, nature and importance of money. Money demand and supply. Types of financial markets and their role in the economy. Banking institutions and the Federal Reserve. Role of monetary policy in business cycles and its impact on financial institutions and markets.

Prerequisite: ECON 3004.

Level of Study: Undergraduate

Interdisciplinary Studies: International Affairs

Last four terms offered: 2023 Summer Term, 2023 Spring Term, 2022 Spring Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204080>)

ECON 4931 Topics in Economics (1-3 credits)

Lectures and discussions in an area which, because of its topicality, is not the subject of a regular course. Topics are designated in the Schedule of Classes.; ECON 1103 and ECON 1104.

Prerequisite: Jr. stndg.

Level of Study: Undergraduate

Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2022 Spring Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204931>)

ECON 4986 Economics Internship - Grading Period (3 credits)

S/U grade assessment. of Business Career Center

Prerequisite: ECON 3986, cons. of prog. dir. and cons.

Level of Study: Undergraduate

Last four terms offered: 2021 Fall Term, 2020 Fall Term, 2020 Spring Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204986>)

ECON 4989 Economics Internship - Work and Grading Period (3 credits)

S/U grade assessment.

Prerequisite: ECON 3001 or ECON 3003; cons. of prog. dir. and cons. of Business Career Center.

Level of Study: Undergraduate

Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2022 Spring Term, 2021 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204989>)

ECON 4995 Independent Study in Economics (1-4 credits)

Faculty-supervised, independent study/research of a specific area or topic in economics.

Prerequisite: Cons. of dept. ch.

Level of Study: Undergraduate

Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2020 Spring Term, 2019 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%204995>)

ECON 5005 Sports Economics (3 credits)

Application of relevant statistical tools and economic models to the economics of sports. One major aspect applies those tools and models to investigate the behavior of athletes and coaches. A second major aspect deals with business aspects of sports, including topics such as the organization of sports franchises and leagues, the public financing of stadiums, and labor issues including compensation and discrimination.

Prerequisite: Admitted to the graduate ECON program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2021 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%205005>)

ECON 5008 Economics and Law (3 credits)

Relationship between the rights and obligations which the legal system confers on individuals and the allocation of resources which results from alternative assignments of legal rights. Uses and limitations of economic analysis in explaining the process by which legal rights are conferred.

Prerequisite: Admitted to the graduate ECON program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2009 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%205008>)

ECON 5016 Environmental and Natural Resource Economics (3 credits)

Economic analysis of environmental and natural resources including land, air, and water. Special emphasis on the role of human values and economic institutions in resource exploitation. Topics covered include air and water pollution, energy, ocean resources, forestry practices, mineral resources, the population problem, and agriculture.

Prerequisite: Admitted to the graduate ECON program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2022 Spring Term, 2009 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%205016>)

ECON 5040 International Economic Issues (3 credits)

Survey of international economics. Basis for and welfare effects of international trade, commercial policies, and economic growth. International organizations, trading regions, and trade accords. Balance of payments concepts and exchange rate theories. History and theory of international monetary systems including fixed versus flexible exchange rates. Note: Credit not given, including credit to fulfill any Discovery Tier requirements, if simultaneously enrolled in or have already completed either ECON 4044 or ECON 4046 for credit.

Prerequisite: Admitted to the graduate ECON program; or consent of the M.S.A.E. prog. dir.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%205040>)

ECON 5045 Comparative Economic Systems (3 credits)

An analysis and description of economies as they evolved from ancient societies through today. Analyze the effects of alternative systems on social and economic behavior under differing levels of technology and development. Compare the economic behavior and policy between socialistic markets and capitalistic markets as the development reaches present-day levels.

Prerequisite: Admitted to the graduate ECON program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2011 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%205045>)

ECON 5070 Economics and Ethics (3 credits)

Interaction of economic principles and understanding with ethical principles and understanding in contemporary society. Analysis of affluence's impacts on character development, the practice of moderation and justice, and the meaning of spiritual poverty. Applications of this ethic to critical features of modern industrial society.

Prerequisite: Admitted to the graduate ECON program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%205070>)

ECON 5072 Behavioral Economics (3 credits)

An introduction to behavioral economics. Traditional economic models assume that people have perfect rationality and perfectly process all available information. Behavioral economics relaxes some of the assumptions made about people to reconcile traditional models with real world observations. Coverage of behavioral economic theory is presented by emphasizing empirical results from lab experiments and the real world, and investigating some public policy implications.

Prerequisite: Admitted to the graduate ECON program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%205072>)

ECON 5931 Topics in Economics (1-3 credits)

Lectures and discussions in an area which, because of its topicality, is not the subject of a regular course. Topics are designated in the Schedule of Classes. Prerequisites vary depending on topic.

Prerequisite: Admitted to BUAD, ECON, FINA, or NURS program; or cons. of M.B.A. prog. dir.

Level of Study: Graduate

Last four terms offered: 2020 Fall Term, 2019 Fall Term, 2019 Spring Term, 2018 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%205931>)

ECON 6114 R Programming (1 credits)

Introduction to R Programming.

Prerequisite: Admitted to the graduate ACCO, BMAN, BUAD, ECON or FINA program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2023 Summer Term, 2023 Spring Term, 2022 Spring Term, 2021 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206114>)

ECON 6115 Research Methods in Economics (1 credits)

Provides skill sets to select research topic for professional project; provides guidance in strategies used in research, writing and presentation components.

Prerequisite: Admitted to graduate ECON; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2020 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206115>)

ECON 6116 SQL (1 credits)

Fundamentals of the creation and use of databases using the programming platform Structured Query Language (SQL). Students learn to customize and manipulate databases with SQL to help gather data for presentations and analyses.

Prerequisite: Admitted to the graduate ACCO, BMAN, BUAD, ECON or FINA program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206116>)

ECON 6118 Python Programming (1 credits)

Teaches the basics of programming with Python: writing and executing Python programs, learning the core data structures in Python, interacting with data, acquiring skill in data manipulation and using Python to access web data and data from databases.

Prerequisite: Admitted to the graduate ACCO, BMAN, BUAD, ECON or FINA program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206118>)

ECON 6200 Economics for Management Decision Making (3 credits)

Incorporates the tools and logic of microeconomics together with quantitative and statistical methods to assist managers in sound, ethical decision making. The principal focus is on understanding and predicting economic behavior of consumers, pricing strategies of firms, and the impact of industry competition through product-line and industry modeling and model estimation. May also consider the impact of various industries. Requires the use of current statistical software and computer technology.

Prerequisite: Admitted to graduate ACCO, BUAD, CCOM, or MGMT program; MBA 6010, MBA 6050; or cons. of M.B.A. prog. dir.

Level of Study: Graduate

Last four terms offered: 2021 Spring Term, 2020 Spring Term, 2019 Spring Term, 2018 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206200>)

ECON 6503 Microeconomic Theory and Applications (3 credits)

Surveys mathematical techniques applied to economics, including differential calculus and linear algebra. Develops neoclassical theory of firm and consumer behavior using mathematical techniques. Emphasizes the methodology of constructing and using microeconomic models. Explains economic behavior at the individual, firm, market, and general equilibrium levels.

Prerequisite: Admitted to the graduate ECON or FINA program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2020 Fall Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206503>)

ECON 6504 Macroeconomic Theory and Applications (3 credits)

Covers both long-run growth and short-run fluctuations. Begins with an analysis of the economy's long-run growth path using neoclassical and endogenous growth models, then surveys theories of the business cycle orthodoxy by orthodoxy in historical order. Static and dynamic models of the economy are developed and used for policy analysis.

Prerequisite: Admitted to the graduate ECON or FINA program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Spring Term, 2020 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206504>)

ECON 6506 Industrial Organization and Public Policy (3 credits)

Empirical studies in patterns of market structure, business behavior and performance. Industrial concentration, entry barriers, pricing and promotional behavior, efficiency and profitability. Applications in the field of antitrust and regulation.

Prerequisite: Admitted to the graduate ECON program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2021 Spring Term, 2018 Fall Term, 2012 Spring Term, 2008 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206506>)

ECON 6510 Economics of the Public Sector (3 credits)

Economic analysis of the public sector, including the topics of taxation and expenditure policy, federalism/centralism, economics of law, Pareto criteria, and constitutional economics. Culminates in the presentation of a research paper on a suitable topic in public economics.

Prerequisite: Admitted to the graduate ECON program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2020 Fall Term, 2016 Fall Term, 2014 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206510>)

ECON 6512 Studies in Urban and Regional Economics (3 credits)

Uses economic tools to examine decisions of firms and households in a spatial setting. Covers regional economic issues, such as why cities exist and where they tend to develop, inter-urban household migration and firm location decisions, and models of urban growth. The urban economic topics explored include the inter-urban location decisions of economic agents in the context of amenities, public goods and zoning restrictions. Finally, the tools developed in the class are used to investigate urban problems such as poverty, housing, and transportation issues.

Prerequisite: Admitted to the graduate ECON program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2015 Fall Term, 2013 Fall Term, 2011 Fall Term, 2008 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206512>)

ECON 6520 Studies in Labor Market Analysis (3 credits)

Determinants of the demand and supply of the services of human beings. Compensatory wage differentials, human capital investment, migration and immigration, and labor market discrimination. The role of unions, government in the labor market and current issues.

Prerequisite: Admitted to the graduate ECON program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2022 Spring Term, 2020 Spring Term, 2018 Fall Term, 2017 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206520>)

ECON 6522 Studies in Health Economics (3 credits)

Focuses on the use of economic models and regression methods in the analysis of healthcare. Covers a variety of topics including the cost-benefit analysis and managed care, demand for health, production of health services, income disparities in health outcomes and distribution of health, insurance and risk-sharing, and the role of government. Students gain the ability to apply economic reasoning and statistical methods to many healthcare issues.

Prerequisite: Admitted to the graduate ECON program or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2021 Fall Term, 2019 Fall Term, 2017 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206522>)

ECON 6544 International Currency Markets (3 credits)

An examination of various foreign currency markets, including spot, forward and derivative instruments, understanding the economic, historical, institutional, and empirical aspects of these markets. Analysis of the relationship between currency markets, money markets and bond markets. Development and study of the fundamental models of balance of payments and exchange rate determination.

Prerequisite: Admitted to the graduate ECON program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2017 Fall Term, 2016 Fall Term, 2015 Fall Term, 2013 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206544>)

ECON 6546 International Trade (3 credits)

Examines traditional and contemporary issues of international trade using the basic tools of microeconomics. Addresses the basis for trade, the effects of trade, and impediments to trade in particular. Specific topics include various trade theories, arguments for and against protection, the instruments and effects of trade policies, economic integration, and foreign direct investment.

Prerequisite: Admitted to the graduate ECON program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2016 Spring Term, 2014 Fall Term, 2012 Fall Term, 2010 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206546>)

ECON 6560 Applied Econometrics (3 credits)

Specification, estimation and statistical verification of multiple linear regression models and hypothesis testing. Causes, consequences, detection of such problems as heteroscedasticity, autocorrelation, specification and measurement errors. Other topics include estimation of models with panel data and limited dependent variables.

Prerequisite: Admitted to the graduate ACAN, ECON or BMAN Certificate program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2021 Fall Term, 2020 Fall Term, 2019 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206560>)

ECON 6561 Applied Time-Series Econometrics and Forecasting (3 credits)

Continuation of ECON 6560 focusing on more advanced econometric and forecasting techniques using primarily time-series models such as ARIMA and transfer functions, VAR, VEC, and GARCH, as well as the method of combining forecasts. Emphasis on the practical knowledge of above techniques, and on reporting and presenting econometric results.

Prerequisite: Admitted to the graduate ECON, FINA or BMAN Certificate program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Spring Term, 2021 Spring Term, 2020 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206561>)

ECON 6580 Monetary Theory and Policy (3 credits)

Factors affecting money supply, money demand and money's influences on the macroeconomy. Federal Reserve policy and its implication for money supply. International monetary economics and coordination of monetary policy among different countries. Monetary policy under different exchange rate regimes. Examination of contemporary theoretical and econometric monetary issues and policy prescriptions.

Prerequisite: Admitted to the graduate ECON or FINA program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2020 Spring Term, 2018 Spring Term, 2017 Spring Term, 2016 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206580>)

ECON 6931 Topics in Economics (1-3 credits)

Topics will vary. Additional prerequisites may vary from course to course.

Prerequisite: Admitted to the graduate ECON or FINA program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2022 Summer Term, 2021 Fall Term, 2021 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206931>)

ECON 6986 Internship in Applied Economics (1-3 credits)

Directed work in applied economic analysis under the supervision of a working professional in a business, financial, international or public policy area. Requires a faculty supervisor. Course does not apply toward degree requirements.

Prerequisite: Admitted to the graduate ECON program; student must have completed 9 credits in program; or cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2020 Fall Term, 2018 Summer Term, 2015 Summer Term, 2013 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206986>)

ECON 6987 Internship Work Period (0 credits)

Full-time directed work in applied economics under the supervision of a working professional in the area of applied economics. Requires faculty supervisor. Must have approved academic component and approved total work hours. Internship does not apply toward degree requirements. (Full-time equivalency for financial aid, zero credits for academics/tuition.) SNC/UNC grade assessment.

Prerequisite: Admitted to the graduate ECON program; completed 9 credits in program; cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2020 Fall Term, 2018 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206987>)

ECON 6988 Internship Grading Period (3 credits)

Grading for preceding internship work assignments is accomplished by review of Employer Evaluation Forms, Work Exit Reports and other materials as required during each term in school following a work period. (3 credits for academics/tuition; not financial aid eligible.)

Prerequisite: ECON 6987.

Level of Study: Graduate

Last four terms offered: 2020 Fall Term, 2018 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206988>)

ECON 6995 Independent Study in Economics (1-3 credits)

Faculty-supervised, independent study/research of a specific area or topic in Economics.

Prerequisite: Admitted to the graduate ECON program and cons. of M.S.A.E. prog. dir.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2022 Summer Term, 2021 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206995>)

ECON 6998 Professional Project (0 credits)

Provides direct supervision of the research that constitutes the core of the professional project. Students submit drafts of various sections of their project as each is completed. These sections are: literature review, development of theoretical model, specification of empirical model of theory, creation of the necessary data set and execution of the empirical model. The final output of the course is a complete draft of the project that meets project director's approval.

Prerequisite: Admitted to the graduate ECON program; approval of project outline by the prog. dir. and cons. of M.S.A.E. prog. dir. by the stated deadline.

Level of Study: Graduate

Last four terms offered: 2023 Summer Term, 2023 Spring Term, 2022 Fall Term, 2022 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%206998>)

ECON 9991 Professional Project Continuation: Less than Half-Time (0 credits)

Fee. SNC/UNC grade assessment. Allows a student to be considered the equivalent of less than half-time status. Requires that the student is working less than 12 hours per week on their professional project. Any professional project credits required for the degree should be completed before registering for non-credit Professional Project Continuation.

Prerequisite: Cons. of GSM.

Level of Study: Graduate

Last four terms offered: 2022 Fall Term, 2022 Spring Term, 2021 Fall Term, 2021 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%209991>)

ECON 9992 Professional Project Continuation: Half-Time (0 credits)

Fee. SNC/UNC grade assessment. Allows a student to be considered the equivalent of half-time status. Requires that the student is working more than 12 to less than 20 hours per week on their professional project. Any project credits required for the degree should be completed before registering for non-credit Professional Project Continuation.

Prerequisite: Cons. of GSM.

Level of Study: Graduate

Last four terms offered: 2023 Spring Term, 2021 Spring Term, 2016 Spring Term, 2015 Fall Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%209992>)

ECON 9993 Professional Project Continuation: Full-Time (0 credits)

Fee. SNC/UNC grade assessment. Allows a student to be considered the equivalent of full-time status. Requires that the student is working 20 hours or more per week on their professional project. Any professional project credits required for the degree should be completed before registering for non-credit Professional Project Continuation.

Prerequisite: Cons. of GSM.

Level of Study: Graduate

Last four terms offered: 2021 Spring Term, 2016 Spring Term, 2015 Spring Term, 2014 Summer Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECON%209993>)

ECONI 3040 Global Applied Learning Project: Applied Global Business Learning (0-3 credits)

Applied Global Business Learning is a short-term applied global business service learning experience. Under the direction of the instructor, students work with a foreign business venture to solve business problems. In the classroom setting, students learn about the history and culture of the country, as well as the experiences of individuals who have completed a global service project in the region. Students also have the opportunity to learn the realities of developing country business problems. Students help develop a business case solution for the selected project and travel to the location for implementation. Upon completion of the in-country experience, students prepare a post trip report for both the instructor and the entrepreneur and participate in a reflection retreat. Taught in an international setting by Marquette professors and where students earn Marquette credit. Study Abroad expenses apply.; Jr. stndg.; and cons. of the Office of International Education.

Prerequisite: All application materials completed and cons. of instr.

Level of Study: Undergraduate

Marquette Core Curriculum: Engage Social Systms & Values2

Last four terms offered: 2023 Spring Term, 2020 Spring Term

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=ECONI%203040>)