

UNDERGRADUATE						
Cat #	Class #	Title	Instructor	Size	Credits	Descriptions
100	10941 17310	1400 - INTRO TO MICROECONOMIC THEORY	Becker, Neal Treado, Carey	300	3	This course focuses on how a free market system resolves the basic social questions of what goods and services to produce, how scarce resources are organized to produce goods and services, and to whom goods and services are distributed once they are produced. In pursuit of these objectives students will gain a deeper understanding of how scarcity and incentives influence the actions taken by households, firms, and governments. Particular attention will be placed on how the actions of these groups of economic actors are coordinated by markets through price adjustments that balance demand and supply. In addition, a variety of economic and social issues will be examined including the nature and impact of several forms of market failure and the potential impact of government intervention to address these failures.
110	10838 10636 30728	1150 - INTRO TO MACROECONOMIC THEORY	Hewitt, David Maloy, James	300	3	This course seeks to provide an introduction to the study of the behavior of market-based economies such as the United States. Topics covered include an introduction to the use of the fundamental tools of economic analysis: supply and demand; the concepts of inflation, unemployment, and national output and how these variables behave over time; saving and investment, including the roles of bond and equity markets in the national economy; money and banking; and the use of models of the macro economy to understand what causes movements in the national economic output and the role of governments in controlling these movements.
150	30734 30736	Quantitative Analysis	Wilson, Alistair	70	3	An introduction to economic data and statistical concepts. Topics covered include: measures of location and dispersion and introduction to probability theory; characteristics of probability distributions; sampling theory, point estimation and hypothesis testing. Correlation analysis and the linear regression model are treated with special emphasis placed on the construction, estimation, and interpretation of economic models. Emphasis is placed on understanding and using statistical concepts rather than on proving theorems.
200	22772	Game Theory Principles	Mylovanov, Timofiy	75	3	This course introduces the basic concepts of game theory. The emphasis is on the unifying perspective that game theory offers to questions in economics, other disciplines, and everyday life. The course draws on a wide range of substantive and intellectually stimulating applications of game theory across areas in economics, other disciplines, and beyond. It will enable students to view social interactions as strategic games, to use game theoretic concepts to predict behavior in these interactions and to conceive of ways in which altering the game affects social outcomes.
220	18045	Intro To Health Economics	Giuntella, Osea	75	3	This course applies microeconomic analysis to the allocation of resources and consumption of products within the health care economy. It will allow students to develop an understanding of microeconomic theory, in particular as it is applied to real world problems. Also it will provide students with knowledge of the economic aspects of health care in the US and related policy. Unique features of health care which interfere with competitive market allocation and pricing will be emphasized.
280	25178	Intro to Money and Banking	Racic, Stanko	45	3	The course is directed toward giving the student an insight into the role that monetary policy and financial markets play in the economy. It will cover both the theoretical and institutional aspects of banking necessary to function successfully in the business world. One object of the course is to give the student the ability to analyze and appraise critically the monetary policy of federal reserve system.
360	30738	Introduction to Environment and Resource Economics	LaNauze, Andrea	75		Basic economic theory applied to issues involving joint interaction of economic activity, the environment, and use of natural resources. Debate over the sustainability of economic development, renewability and/or depletion of natural resources, and effects of pollution on environmental quality will be surveyed. The issues of ozone depletion, loss of biodiversity, and greenhouse gas emissions and global warming will be considered.
500	21713 15376	Intro to International Econ	Treado, Carey	75	3	Provides an introduction to international economics. Half the topics are pure theory, half international monetary economics. Topics from the real world are analyzed. Topics include alternative pure trade theories; effects of trade barriers; U.S. commercial policy; forms of regional integration; balance of payments; elimination of balance of payments disequilibrium; international monetary system.

UNDERGRADUATE					
530	30742 30743	Intro to Development Econ	El-Hamidi, Fatma	75	3 An introductory description and analysis of the economic systems of countries commonly referred to as less developed countries. Alternative development policies with respect to international trade, agriculture, industry, health, and education will be outlined. The roles played by government, population growth, environmental degradation, income distribution, and foreign aid will be discussed. The economic aspects of development will be stressed.
900	24326 22803	Econ: Intro to Field Majors	Wallace/Wolfe	45	1 This course has 3 interrelated goals: 1. Students will understand the range of career and advanced degree options for which their studies in Economics will make them eligible. 2. Students will learn how to conduct research in economics. The course will explain how to use the Economics literature and publicly available data sources. 3. Students will maximize progress within the major by setting broader goals and taking advantage of the many opportunities offered at the University.
1100	21714 30746 17305 14956	Intermed Microeconomics	Berkowitz, Daniel Shaver, Kevin	60	3 An intermediate-level course in resource allocation theory emphasizing the origins and uses of theoretical reasoning in economic analysis. Topics covered include the methodology of economic analysis; theories of consumer behavior; demand and supply analysis; production theory; the theories of the firm and market behavior; income distribution theory; and general equilibrium theory.
1110	24048 26508 18793 22989	Intermed Macroeconomics	Maloy, James Zabelina, Margarita	60	3 A systematic treatment of macroeconomic analysis including such topics as policy analysis, inflation-unemployment tradeoffs, business cycles, budget deficits, and the balance of payments.
1150	22773 26928	Applied Econometrics 1	Cook, Jason	40	3 Introduces basic tools in applied econometrics that are commonly employed in government, business, and academic research. The main emphasis is on application of various econometric methods. Students are expected to become familiar with standard computer programs that are frequently used in quantitative economic research. Topics covered are a review of basic statistics, classical linear regression models, and associated inferential problems, and generalized linear regression models and associated inferential problems.
1200	15377 28257	Game Theory	Kosenko, Andrew	40	3 The aim of the course is to introduce the main elements of game theory, in a manner which emphasizes the connections between the "cooperative" and "non-cooperative" traditions. Students will be expected to develop understanding sufficient to construct proofs as well as to perform computations, and there will be emphasis on modelling issues.
1290	30747	Monetary Policy and Financial Markets	Albanesi, Stefania	40	3 The main goal of this course is to understand credit markets and monetary policy. Why are credit markets organized in a particular way? What forces shape financial contracts and the behavior of asset markets? Why do we need financial regulation? What is the role of central banks? How do they conduct monetary policy? How does monetary policy affect financial markets and the real economy? We will study how monetary policy influences interest rates and asset markets, such as the bond market and the stock market. We will analyze the effect of asymmetric information in corporate finance, and on the design of financial contracts. We will study the role of financial intermediaries, such as banks, in the economic system and study the economic rationale behind domestic and international banking regulation. Finally, we will discuss monetary policy. We will review evidence and theory on how monetary policy affects real economic activity and financial markets. We will study the instruments and goals of monetary policy, focusing in particular on credibility and expectations management for central banks, the connection with fiscal policy and international cooperation in monetary policy.
1420	30748	Labor Economics	Gihleb, Rania	40	3 This is an advanced elective course on labor economics for undergraduate students. The purpose of the course is to apply the analytical tools from intermediate microeconomic theory to analyze how society develops, allocates and rewards human resources, and to study a wide range of labor-related issues, such as labor supply; household production and labor force participation; labor demand; minimum wages; labor market discrimination; compensating wage differentials; schooling and earnings; wage inequality, and immigration. Emphasis will also be given to the empirical evidence on those topics.

UNDERGRADUATE						
1440	25589 28259	Econ of Corporate Finance	Maksymenko, Svitlana	40	3	The course is intended as an analysis of the investment valuation and financing of the corporation. Attention will be focused on the application of economic theory to the solution of financial problems. The interrelations between investment and financing policies and their dependence on security valuations will be stressed. The institutional background necessary to analyze these problems will be examined, and practical cases drawn from personal and business situations will be used along with more theoretical materials.
1470	28260	Market Structure and Competition	Beresteanu, Arie	40	3	The course is a survey of the behavior of firms, the structure of industrial markets, and market performance. The survey will cover both theoretical models and empirical analyses
1510	30749	Intermediate International Finance	Zabelina, Margarita	40	3	This course provides an in-depth analysis of international monetary economics and related topics in the area of international finance. Topics to be covered include exchange rate determination, balance of payments, exchange market efficiency, forward exchange rates, effects of devaluation, the international monetary system.
1630	30750	Economic Development of China	Berkowitz, Daniel	40	3	This course surveys the development of china's economy since 1800 with particular emphasis on studying china's experience under different forms of economic organization (market economy, central planning, reformed system combining plan and market) and comparing china's development with that of other nations.
1700	24566	Proseminar Methodology of Econ	Hewitt, David	16	3	This course examines conflict and appropriation in an economic setting, where enforcement of property rights is costly. Topics include technologies of conflict, Tullock contests, wars, arms races, and the rise of the state. Our textbook will focus on the economic causes and impacts of conflicts involving a state, but other valid topics include everything from an analysis of legal defense of property rights through public health issues relating to crime or violence to political contests. We will discuss the creation of economic models, appropriate data sets, empirical research, and the course will culminate in a written paper – either a research project or a research proposal similar to a grant proposal.
1700	28263 28264	Proseminar Methodology of Econ	Shertzer, Allison	16	3	This course will explore the political economy of immigration to the United States. Who migrates, and from which countries? What is the impact of transportation costs and border policy? What impact does immigration have on labor markets, educational systems, and the provision of public goods? The course will address these questions over two centuries of American experience. Students will have the opportunity to pursue a project on a topic related to immigration, and the course will cover basic empirical research skills in addition to the topics listed above.
1700	16271	Proseminar Methodology of Econ	El-Hamidi, Fatma	16	3	This course has two objectives: First, giving students hands-on experience responding to public policy issues by analyzing micro data. Second, providing students a level of intuition regarding appropriate tools for each level of analysis, and be able to criticize results of inappropriately used tools. The goal is not to turn you into an expert in econometrics or regression analysis, but to provide you with a working knowledge of different techniques in these areas. A principal component of this class is an in-depth analysis of welfare measures (indicators, measurements, profiles, and policy implications). Students will use income/expenditure and consumption surveys to calculate and graph a range of indicators for different countries, compare government policies and reactions and conclude the extent at which policy implementation worked for the welfare of the poor. Students will be "briefly" introduced to survey design and implementation, and engage in data management: modifying, reshaping, collapsing, combining, and working across variables; Data cleaning: dealing with outliers, duplicates, and missing variables. Most importantly, finding proxies (or generate indices) to replace a critical variable that is not available in the data or incorrectly handled at the entry level.
1710	27226	Prosem International Economics	Maksymenko, Svitlana Mylovanov, Timofiy	16	3	ECONOMIC POLICY ANALYSIS: The course will cover the basics of macroeconomic policies, including monetary policy, fiscal policy, international policy; government regulations of markets with price controls, quotas, subsidies and auctions; economics of national defense, environment, education and health care. The students will have an opportunity to interview (via skype) economic policy makers, choose the project of their interest and design and analyze economic policy as part of their group research project under mentorship of two faculty experts.

UNDERGRADUATE						
1720	28508	Proseminar Monetary & Macroecon	Hanley, Douglas	16	3	This course offers a thorough treatment of advanced topics in macroeconomics. The central focus will be on long-term economic growth and its determinants, which include innovation, research, and knowledge diffusion, both by governments and private entities. We will investigate these topics theoretically using micro-founded mathematical models and empirically by looking at data from a wide array of sources. These include traditional ones such as country and firm level productivity information in addition to more exotic ones such as statistics on patents, scientific papers, Wikipedia, and open-source software.