SPRING 2015

10011/20011 Principles of Micro Economics
(Various Times)
An introduction to economics with particular attention to the pricing mechanism, competitive and
monopolistic markets, government regulation of the economy, labor-management relations and programs,
income determination and public policy, foreign trade and the international economy.

10020/20020 Principles of Macro Economics
(Various Times)
A continuation of introduction to economics with emphasis on the measurement of national economic
performance, alternative explanations of short-run economic fluctuations and long-run economic growth,
money and credit, fiscal and monetary policy.

13181 Soc. Science University Seminar (Freshman Only)
TR 12:30-1:45 Leahy, TR 2:00-3:15 Hernandez Trillo
Economics sections will deal with different aspects of economic analysis and policy issues. The focus will
be on understanding how economists think about theoretical issues and how they apply their analytical
tools to real-world economic problems and policies. No background in economics is assumed.

30010 Intermediate Economic Theory – Micro
TR 2:00-3:15, MW 12:30-1:45 Feng
An examination of the language and analytical tools of microeconomics emphasizing the functional
relationship between the factor and product markets and resource allocation. Prerequisite: (ECON 10010
or ECON 10011 or ECON 20010 or ECON 20011) and (MATH 10260 or MATH 10560 or MATH
10860)

30020 Intermediate Economic Theory - Macro
TR 2:00-3:15, 3:30-4:45, Lugauer, TR 5:05-6:20 Bachmann
An intensive examination of macroeconomics with particular reference to the determination of national
income, employment, and the general price level. Prereq: (ECON 10020 or ECON 20020) and (MATH
10260 or MATH 10560 or MATH 10860)

30300 Empirical Research in Economic Stata
T 2:00-4:00  Ng
This course will equip students with substantial knowledge of Stata so that they can use it for econometric
analyses in their research projects, such as senior honors thesis. Using real datasets, students will learn
how to use Stata to read and manipulate data, and to produce reliable results. The course will therefore
focus on the practical aspect of data analysis rather than econometric theory. The course will also
highlight many common pitfalls that beginning researchers often fall into. By the end of the course,
students should feel sufficiently competent with Stata to independently work on any dataset.
Prerequisites: ECON 30331 Econometrics

30330 Statistics
MW 2:00-3:15 Lee, TR 3:30-4:45 Liu
This course seeks to introduce the student to the principles of probability and statistical theory appropriate
for the study of economics. The emphasis of the course will be on hypothesis testing and regression
analysis.
**30331 Econometrics**  
MW 3:30-4:45 Lee, TR 11:00-12:15 Ng  
Provides students with an understanding of when and how to use basic econometric methods in their work as an economists, including the ability to recognize which econometric technique is appropriate in a given situation as well as what explicit and implicit assumptions are being made using the method. Topics covered include estimation and hypothesis testing using basic regression analysis, problems with basic regression analysis, alternative econometric methods, limited dependent variables, and simultaneous equation models. Prereq: ECON 30330 or BAMG 20100 or BAMG 230

**30801 Poverty in Developing World**  
MW 8:00-9:15 Donovan  
This course is the seminar version of ECON 30420. A study of the development of common statutory law with reference to discrimination in the United States on the basis of race, creed, color, national origin, and disability, and giving emphasis to the case method.

**33420 Employee Relations Law (writing intensive)**  
TR 9:30-10:45, Leahy  
This course is the seminar version of ECON 30420. A study of the development of common statutory law with reference to discrimination in the United States on the basis of race, creed, color, national origin, and disability, and giving emphasis to the case method.

**33562 Entitle Reform: Social Security and Medicare (writing intensive)**  
TR 12:30-1:45 Betson  
With an aging population and concerns with the magnitude of government debt, the future obligations of Social Security and Medicare have made prompted policy makers to actively consider reforms of these government entitlement programs. This course will examine the following topics. What is the economic status of the elderly? How do government programs assist the elderly (the broad range of assistance from tax preferences and means tested programs such as food stamps and Supplemental Security Income to the universal programs such as Social Security and Medicare)? What role do these government programs play in retirement policy? Are governments too generous or should the elderly take on greater responsibility for their retirement years? What reforms are being proposed currently for reform of Social Security and Medicare?

**40050 Game Theory**  
MW 2:00-3:15 Gresik  
The objective of this course is to help students develop a good understanding of the basic concepts in game theory and learn how to employ these concepts to better understand strategic interactions. Topics covered will include normal form games, extensive form games, pure and mixed strategies, Nash Equilibrium, subgame perfect equilibrium, repeated games, and introduction to games of incomplete information. Selected applications will include competition and collusion in oligopoly, entry deterrence, political competition and rent seeking, social norms and strategic interaction. Prereq: (MATH 10250 or 10550) and (ECON 30010 or FIN 30210)

**40356 Asset Pricing Theory**  
MW 12:30-1:45 Fuerst  
This course examines the theoretical foundations of financial asset pricing. Topics include the capital asset pricing model, stochastic discount factors, arbitrage pricing theory, the efficient market hypothesis, and option pricing.
Environmental Economics
TR 9:30-10:45 Wang
An analysis of the welfare economics of environmental problems, emphasizing market failures due to negative environmental externalities. Air, water, and land pollution are classic examples of these externalities, which occur when third parties bear costs resulting from the transactions of the two primary market participants. The theory and practice of environmental policy to promote efficiency at the US local, state, and federal levels and in other countries is explored. International problems such as transboundary pollution and global warming are also studied.

International Trade
MW 11:00-12:15, 9:30-10:45 Gervais
This is a course on international microeconomics. Its primary goal is to develop analytical tools to help us to understand the causes and consequences of international trade flows. The course covers models of comparative advantage, which shows that countries engage in international trade to exploits differences in technology and resources, as well as new trade theories that emphasize increasing returns to scale in production. A substantial amount of time will also be devoted to studying the impact of trade policies, such as tariffs, quotas, export subsidies, and trade agreements on the economy. Prereq ECON 30010 or FIN 30210

Health Economics (writing intensive)
MW 2:00-3:15 Evans
The course is designed to illustrate how economists analyze topics related to the production of health and the delivery of health care in the United States. Topics covered include the social and economic determinants of health, the economic control of unhealthy behavior, economic consequences of the AIDS epidemic, using economics to explain the rise of obesity, economic models of insurance, the problems of moral hazards and adverse selection, the economic impact of employer-provided health insurance. Medicare and Medicaid, the problem of the uninsured, medical technology and the pharmaceutical industry, the malpractice system, and the rise of managed care. Readings for the class will come from a required textbook and academic readings downloadable from the class web page. Class assignments will include problem sets, exams and short policy memos.

Economics of China (writing intensive)
MW 3:30-4:45 Mark
The course will cover aspects of China's economy (international, macro, labor market issues, demographics, migration, and others) since economic reforms were implemented in 1978. Prereqs: ECON 30010, 30020, and 30331

Economic Growth
TR 2:00-3:15, 3:30-4:45 Alder
This course is an introduction to the study of economic growth. After a brief preamble, the first two parts of the course review the "proximate determinants" of income levels and growth rates - factor accumulation, technology and efficiency - and discuss the relevant theoretical models. The third part looks at the "fundamental determinants" of differences in income levels and growth rates across countries. A final section of the course discusses current and future trends of demographic change, technical progress and the environment. provides instructional support for economics majors completing the undergraduate economics honors program. It also provides a venue where honors program students present progress reports on their senor honors essays to their peers at regular intervals. The seminar is graded on a satisfactory/unsatisfactory basis and may be taken twice.