

Department of Economics
Graduate Classes
Fall 2024 Semester

890: Topics in Economics
881: Topics in Applied Microeconomics
883: Topics in Econometrics
882: Topics in Macroecon/International Finance
885 Topics in Economic Theory

Class	Class Title	Days & Times	Instructor	Room	Class Dates
ECON 824-01	INTERNATIONAL TRADE	F 8:45AM - 11:15AM	Rafael Dix Carneiro; Yi (Daniel) Xu	Soc Sci 327	08/26/2024-11/26/2024
This is a semester-long course in International Trade. The objective of the course is to introduce students to current research topics on international trade as well as the tools and methodologies that are prevalent in the field.					
ECON 825-01	INDUSTRIAL ORGANIZATION	TuTh 10:05AM - 11:20AM	Yi (Daniel) Xu; Allan Collard-Wexler	Soc Sci 105	08/26/2024-11/26/2024
This class is meant to introduce key concepts and tools in Industrial Organization. We will cover (1) Simple IO theory models of competition. (2) Enrich these models with real-world data by applying tools in demand estimation, including discrete choice models with random coefficients. (3) Methods of estimating production and cost functions, including control function methods. (4) Topics in vertical markets, such as double marginalization and bilateral bargaining, and their application to key service industries. (5) Models of industry evolution and dynamic oligopoly. These models are used to investigate policy debate of innovation and competition.					
ECON 881-05	TOPICS IN APPLIED MICROECON - DEVELOPMENT ECONOMICS II	F 9:15AM - 11:15AM	Erica Field	Soc Sci 124	08/26/2024-10/11/2024
ECON 881-07	TOPICS IN APPLIED MICROECON - EMPIRICAL MARKET DESIGN	F 1:25-3:55PM	Michael Dinerstein	Soc Sci 327	08/26/2024-10/11/2024
This module will cover several markets where policymakers set market rules that guide agents' behavior and ultimately the allocation and division of surplus. The focus will be on the empirical analysis of these markets, specifically how to incorporate the rules into model-based identification strategies. The chosen markets will reflect students' expressed interests, though we will likely cover school choice, labor markets, food banks, and financial exchanges.					
ECON 881-08	TOPICS IN APPLIED MICROECON - ECONOMICS OF K-12 EDUCATION	F 1:25-3:55PM	Michael Dinerstein	Soc Sci 327	10/14/2024-11/26/2024
This module covers the economics of K-12 education. Topics will include: (1) the educational production function, including the literature's debate over whether resources matter, peer effects, and the measurement of teacher value-added; (2) the causal effects of attending different school types; (3) the teacher labor market; (4) school choice and competition; (5) accountability. While covering the topics, we will discuss methodologies including treatment effect estimation, empirical Bayes shrinkage, discrete choice models, and models of competition.					
ECON 881-15	TOPICS IN APPLIED MICROECON - TRADE AND LABOR MARKETS	W 8:30-11:00AM	Rafael Dix Carneiro	Soc Sci 111	10/14/2024-11/26/2024
The objective of this short course is to cover recent developments in the literature on trade and labor markets. The course should be useful to students specializing in Trade, Labor, Development or Macro. We will cover empirical papers exploiting a wide range of methodologies, from differences-in-differences methods to structural and quantitative studies based on equilibrium models of the labor market. By the end of the course, students will be exposed to fertile avenues of future work in this area as well as to the main methodologies that have been used in this line of work.					
ECON 881-23	TOPICS IN APPLIED MICROECON - INTRA -HOUSEHOLD DISTRIBUTION: THEORIES AND APPLICATIONS	MW 6:15-7:30PM	Marjorie McElroy	Soc Sci 105	08/26/2024-10/09/2024
ECON 881-24	TOPICS IN APPLIED MICROECON - MARRIAGE MARKETS: THEORIES AND APPLICATIONS	MW 6:15-7:30PM	Marjorie McElroy	Soc Sci 105	10/14/2024-11/26/2024

ECON 881-34	TOPICS IN APPLIED MICROECON - THE ECONOMICS OF RACE AND RACISM	MW 1:25-2:40PM	Patrick Bayer	Soc Sci 113	08/26/2024-10/09/2024
ECON 881-35	TOPICS IN APPLIED MICROECON - MODELS OF MATCHING AND SORTING This module will examine a broad set of problems in applied microeconomics in which a market equilibrium results from (i) the matching of economic agents on two sides of a market or (ii) the endogenous sorting of economic agents into meaningful groups. Examples of two-sided matching include marriage, labor, and consumer products markets; examples of endogenous sorting include housing markets, the formation of private clubs, and school choice mechanisms. Using this broad perspective to make connections across fields, the course will focus on the theory, identification, and estimation of models that differ in a number of important dimensions including: the nature of the match, whether any associated transfers are observable and/or common, the market equilibrating mechanism, the presence of any additional frictions or externalities, the nature of the available data, and whether additional outcomes are relevant. Specific applications will include residential segregation, public school choice and competition, urban agglomeration, university admissions, labor markets, regional migration, and household formation.	MW 1:25-2:40PM	Patrick Bayer	Soc Sci 113	10/16/2024-11/26/2024
ECON 882-01	TOPICS MACRO/INTERNATL FINANCE - NUMERICAL METHODS IN MACRO	W 4:40-7:10PM	Laura Renee Pilossoph	Soc Sci 327	10/16/2024-11/26/2024
ECON 883-05	TOPICS IN ECONOMETRICS - ECONOMETRICS III - PART 1 This module's goal is to help you read and use the most advanced econometrics literature in your research. We will cover a variety of topics which change from year to year. Check with the instructor for the list for this year. Example topics include: Design based inference, Sensitivity analysis, Variations on IV models, Variations on DiD and panel data models, Multiple testing, and Post model selection inference.	TuTh 1:25-2:40PM	Matthew Masten	Perkins LINK 060 (Classroom 1)	08/26/2024-10/11/2024
ECON 883-06	TOPICS IN ECONOMETRICS - ECONOMETRICS III - PART 2 In this module we will focus on estimation and inference for nonparametric and semiparametric models. Topics covered will include kernel-type estimators, series estimators, sieve estimators, and quantile regression. Along the way we will also discuss recommended practice for regression discontinuity design as a well-used example of nonparametric methods in empirical practice.	TuTh 1:25-2:40PM	Matthew Masten	Allen 103	10/14/2024-11/26/2024
ECON 883-07	TOPICS IN ECONOMETRICS - TIME SERIES CONOMETRICS This is an advanced time series module with a focus on dimension and complexity reduction models. The topics will include state-space models and Kalman filter, factor models (exact, dynamic, weak, weakly influential etc.), principal component analysis and canonical correlation analysis, etc.	W 3:05-5:35PM	Anna Bykhovskaya	Soc Sci 113	08/26/2024-10/11/2024
ECON 885-01	TOPICS IN ECONOMIC THEORY - MICRO THEORY 3 (PART 1) This course is a rigorous investigation of some of the central concepts in game theory, such as rationalizability, and Nash equilibrium and its refinements. It covers classical topics, such as repeated games, bargaining, and signaling games.	TuTh 1:25-2:40PM	Attila Ambrus	Soc Sci 107	08/26/2024-10/11/2024
ECON 885-02	TOPICS IN ECONOMIC THEORY - MICRO THEORY 3 (PART 2) This course is a rigorous investigation of some of the central concepts in game theory, such as rationalizability, and Nash equilibrium and its refinements. It covers classical topics, such as repeated games, bargaining, and signaling games.	TuTh 1:25-2:40PM	Attila Ambrus	Soc Sci 107	10/14/2024-11/26/2024
ECON 890-01	TOPICS IN ECONOMICS - MACRO-LABOR	Th 3:05-5:35PM	Gregor Jarosch; Laura Renee Pilossoph	Soc Sci 109	08/26/2024-11/26/2024