

Department of Economics
Graduate Classes
Fall 2023 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	TuTh 3:05PM - 4:20PM	Rafael Dix Carneiro	Soc Sci 327	08/28/2023 - 12/01/2023
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	08/28/2023 - 12/01/2023
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 881-01	TOPICS IN APPLIED MICROECON - DYNAMIC DISCRETE CHOICE	TuTh 1:25PM - 2:40PM	Peter Arcidiacono	Soc Sci 327	08/28/2023 - 10/11/2023
In this module we will work our way up from discrete choice models to dynamic discrete choice models. In dynamic discrete choice modules individuals make decisions today recognizing the impact these decisions have on the value of future decisions. We will pay particular attention to recent advances in how to compute these types of models when unobserved variables are present. There will be a heavy emphasis on programming.					
ECON 881-06	TOPICS IN APPLIED MICROECON - DEVELOPMENT ECONOMICS I	F 8:45AM - 11:15AM	Erica Field	Soc Sci 327	08/28/2023 - 10/13/2023
ECON 881-05	TOPICS IN APPLIED MICROECON - DEVELOPMENT ECONOMICS II	F 8:45AM - 11:15AM	Erica Field	Soc Sci 327	10/20/2023 - 12/01/2023
ECON 881-20	TOPICS IN APPLIED MICROECON - BELIEFS AND LEARNING	TuTh 1:25PM - 2:40PM	Peter Arcidiacono	Soc Sci 327	10/12/2023 - 12/01/2023
In this course we will consider economic models where individuals learn about their alternatives or their abilities. The course will cover papers from a number of fields, with applications to the labor market, child development, the marriage market, and the effectiveness of different kinds of medication.					
ECON 882-01	TOPICS MACRO/INTERNATL FINANCE - EXPECTATIONS & MACROECONOMICS	MW 8:30AM - 9:45AM	Cosmin Ilut	Soc Sci 113	08/28/2023 - 10/11/2023
This module covers two key departures from rational expectations modeling and their applications in macroeconomics. The first covers ambiguity (Knightian uncertainty), where economic agents are allowed to express their lack of confidence in probability assessments. The second studies bounded but constrained-optimal rationality, where economic agents choose how to allocate their limited attention and cognition. We will likely spend more time on the first topic. For both topics, we will cover some of its applications to asset pricing, business cycles and heterogeneous beliefs. For each application we emphasize the specific economic question as well as associated methodological aspects. Throughout the applications we will encounter and analyze additional specific concepts and issues pertaining to that literature. Grading will be based on in-class students' presentations/discussions of articles chosen in advance as well as research proposals.					

ECON 882-02	TOPICS MACRO/INTERNATL FINANCE - HETEROGENEOUS AGENT MACRO	M 3:05PM - 5:35PM	Andrea Lanteri	Soc Sci 327	10/12/2023 - 12/01/2023
<p>In this course, we use theoretical and quantitative equilibrium models to analyze the role of household and firm heterogeneity for macroeconomic outcomes. First, we focus on household heterogeneity, developing a class of general-equilibrium models with inequality in income and wealth and we use them to analyze the effects of fiscal and monetary policy. Next, we develop models of investment dynamics with heterogeneous firms and study their ability to account for the micro empirical evidence and their efficiency properties.</p>					
ECON 882-09	TOPICS MACRO/INTERNATL FINANCE - ECONOMIC GROWTH I	Th 4:55PM - 7:25PM	Pietro Peretto	Soc Sci 105	08/28/2023 - 10/12/2023
ECON 882-10	TOPICS MACRO/INTERNATL FINANCE - ECONOMIC GROWTH II	Th 4:55PM - 7:25PM	Pietro Peretto	Soc Sci 105	10/19/2023 - 12/01/2023
ECON 882-11	TOPICS MACRO/INTERNATL FINANCE - MICRO FOUNDED MACROECONOMICS	M 3:20PM - 5:50PM	Matthias Kehrig	Soc Sci 327	08/28/2023 - 10/09/2023
<p>This course aims at familiarizing you with the current research in micro-founded macroeconomics. We will cover theory and empirics of macro topics, in which heterogeneous firms play a key role, such as productivity heterogeneity and factor reallocation, uncertainty, causes and consequences of rising concentration, firm hierarchies and the organization of production as well as production networks.</p>					
ECON 883-065	TOPICS IN ECONOMETRICS - ECONOMETRICS III - PART 1	MW 1:25PM - 2:40PM	Matthew Masten	Soc Sci 105	08/28/2023 - 10/11/2023
<p>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.</p>					
ECON 883-06	TOPICS IN ECONOMETRICS - ECONOMETRICS III - PART 2	MW 1:25PM - 2:40PM	Adam Rosen	Soc Sci 105	10/12/2023 - 12/01/2023
<p>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.</p>					
ECON 885-01	TOPICS IN ECONOMIC THEORY - MICRO THEORY 3 (PART 1)	MW 10:05AM - 11:20AM	Attila Ambrus	Soc Sci 327	08/28/2023 - 10/11/2023
<p>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.</p>					
ECON 885-06	TOPICS IN ECONOMIC THEORY - DECISION THEORY	TuTh 10:05AM - 11:20AM	Philipp Sadowski	Soc Sci 327	10/12/2023 - 12/01/2023
<p>This module lays the foundations for the investigation and application of modern decision theoretic models, starting from subjective uncertainty, via models that address the Ellsberg and Allais paradoxes, to menu choice, random choice and dynamic choice.</p>					
ECON 890-01	TOPICS IN ECONOMICS - STRUCTURAL METHODS IN LABOR	Tu 4:40PM - 7:10PM	Pengpeng Xiao	Soc Sci 105	10/11/2023 - 12/01/2023
<p>This is an advanced graduate course on empirical labor economics. The goal is to show to students how economists construct and estimate structural econometric models of individual's behavior. The courses will consist of four parts: Job Search Models, Search and Matching Models, Marriage Matching and Household Labor Supply, Collective Household Models with Life-Cycle Decisions</p>					