

**Econ 501    Microeconomic Theory II    Mialon    TTh 1:30-3:30**

**Content:** This course is the second part of the core graduate sequence in microeconomic theory. The topics covered include game theory, market structure, and market failure. We begin with a rigorous introduction to game-theoretic modeling techniques. We then apply these techniques to analyze market failures that arise because of market power, externalities, and asymmetry information, and to design mechanisms by which these market failures may be avoided.

**Text:** Mas-Collel, Winston and Green, *Microeconomic Theory*, first edition, 1995

**Particulars:** Prerequisites- Econ 500 and 526; graduate standing or permission of instructor. This course is one of the core courses in the economics graduate program.

**Econ 511    Macroeconomic Theory II    Krause    MW 10:00-12:00**

**Content:** The course focuses on the conceptual framework and the models that the majority of modern macroeconomists use. The course attempts to show "life at the frontier," depicting the various directions in which researchers are currently working. The course covers various models economists used to explain business cycles, starting with the Theory of Economic Growth, and the discussion of the topics of Consumption, Investment and Asset Prices. The latter part of the course looks at applications such as Unemployment and the Phillips Curve, Political Economy and Optimal Monetary Policy.

**Texts:** The following texts are suggested, but not required: *Advanced Macroeconomics* by D. Romer, Second Edition, 2000. *Handbook of Macroeconomics*, Volume 1, edited by J. B. Taylor and M. Woodford, 1999. *Lectures on Macroeconomics* by O. Blanchard and S. Fischer, 1989.

**Particulars:** Prerequisite-- Graduate standing or permission of the instructor. This course is one of the core courses of the economics graduate program.

**Econ 521    Econometric Methods    Pesavento    MW 2:00-4:00**

**Content:** This course introduces the basic methods and theory of modern econometrics and also provides a foundation for applied research in economics and finance. The students are assumed to be familiar with probability, statistics, and linear algebra.

**Text:** Hayashi, Fumio. 2000. *Econometrics*. Princeton University Press.



**Econ 721    Advanced Microeconometrics    Maasoumi    MW 2:00-4:00**

**Content:** This course deals with advanced econometric methods for the analysis of models and applications in micro-econometrics. Topics include cross-section and panel data models, limited dependent variables, generalized method of moments, quantile estimation, treatment effect and program evaluation techniques, semi and nonparametric methods, nonlinear and simultaneous equation models.

**Prerequisite:** Econ 500, 501, 510, 511, 520, 521, and 526 or permission of instructor.

**Texts:** Main text: (1) *Econometric Analysis of Cross Section and Panel Data*, by Jeffrey M. Wooldridge, MIT Press, 2007 (Second Edition);  
Other texts: (2) *Microeconometrics: Methods and Applications*, by A. Colin Cameron and Pravin K. Trivedi, Cambridge University Press, 2005; (3) *Analysis of Panel Data*, by Cheng Hsiao, Oxford University Press, 2003 (Second Edition), (4) *Micro-econometrics for Policy, Program, and Treatment Effects*, by Myong-Jae Lee, Oxford University Press, 2005.

**Econ 742    Law and Economics    Rubin    TTh 1:00-3:00**

**Content:** This is the primary graduate course in law and economics. We study the economic analysis of property, contract, torts, crime and other legal topics, chosen in part based on students' interests. We read classic and contemporary articles in the field. The emphasis is on identifying research topics.

**Econ 762    Theory of the Firm    Miyagiwa    MW4:00-6:00**

**Content:** In this course we will study elements of contract theory as applied to understanding the firm's organizational form, behavior, and response to changes in informational and legal environments. The course will be of interest to the students of industrial organization and applied game theory. The course contents can be broadened, however, depending on the students' interests.

**Econ 791H    Dissertation Workshop II    Frisvold    TTh 4:00-5:15**

**Content:** The Dissertation Workshop meets weekly in the fall and spring semesters. Students and faculty read, hear, and discuss critically work in progress prepared by themselves and visiting scholars.

**Particulars:** All first and fifth year graduate students must audit this course. All second, third, and fourth year students must register for this course on an S/U basis. Students must receive a grade of "S" in 6 semesters of the dissertation workshop courses in order to complete the Ph.D. program. This is a two-hour course.

**Econ 797R Tutorial in Economics**

**Arbatskaya**

**TBA**

**Content:** Supervised research and exploratory study for the development of a proposal for a dissertation topic for the Ph.D. Students must receive Departmental permission to take this course from the Director of Graduate Studies. Students must register for this course on an S/U basis.

**Particulars** Permission required

**Econ 799R Dissertation Research**

**Arbatskaya**

**TBA**

**Content:** Research and writing of a Ph.D. dissertation on a topic previously approved by the Department faculty, under the supervision of a committee appointed with the advice and consent of the faculty. Students must register for this course on an S/U basis.