

# Graduate Courses

## Spring Semester 2025

No.	Course Code	Course name	Credits	Course Description
1.	EE627	Microeconometrics	3	Prerequisite: EE626 or with the instructor's permission.  This course covers topics in Microeconomic models. Models for limited and qualitative dependent variables. Linear and nonlinear panel data models. Practical applications of these models are offered, using econometrics software and interpreting the estimated results.
2.	EE628	Time-Series Econometrics	3	Prerequisite: EE626 or with the instructor's permission.  This course covers topics in Time-series econometrics models. Univariate and multivariate time-series models. Autoregressive, moving average, autoregressive moving average models. Vector autoregressive representation. Vector error correction and cointegration model. Practical applications of these models are offered, using econometrics software and interpreting the estimated results.
3.	EE651	International Trade Theory and Policy	3	Prerequisites: EE611 and EE612 or with the instructor's permission.  International trade theory. Neo-classical and new trade theory. Trade policy analysis and empirical evidence. Regional integration and international factor movements. How trade growth and development relate.
4.	EE661	Development Economics	3	Prerequisites: EE611 and EE612 or with the instructor's permission.  Theory and empirical evidence about growth and development in low-income countries. Topics include the measurement of poverty and inequality; the role of human capital in health and education, the internal structure of households, the role of social capital and institutions, how factor markets involving credit, labor, insurance and land functions. Growth models, and development economic policies.
7.	EE664	Empirical Development Economics and Policy Analysis	3	Prerequisites: Have earned credits of EE626  Methods to policy analysis and impact evaluation. Econometric approaches to evaluate the causal effect of a social program, a policy, or any variable of interest. Introduction to a randomized controlled trial, and applications of behavioral and experimental economics in studying behaviors and outcomes of economic agents in response to a policy. Discussion various empirical studies in Development Economics such as education, health, labor, poverty, risk, and credit market, etc.
	EE688	Industrial Organization: Selected Topics 1	3	Prerequisite: EE611 with the instructor's permission.

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				This course covers selected topics in industrial organization. Topics vary depending on the specific interests of the participants.
6.	EE713	Advanced Microeconomics 2	3	<p>Prerequisite: EE711 or with the instructor's permission.</p> <p>Game theory and its applications to economic issues. Market power. Adverse selection. Moral hazard. Intertemporal decision making. Analysis of general equilibrium with risk and uncertainty.</p> <p>Social choice theory. Further extensions of game theory. Bargaining. Mechanism design. Contract theory. Auction theory.</p>