Graduate Courses

Spring Semester 2023

No.	Course Code	Course name	Credits	Course Description
1.	EE629	Quantitative Economics: Selected Topics	3	Prerequisite: with the instructor's permission. This course covers selected topics in quantitative economics. Topics vary depending on specific interests of the participant.
2.	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.
3.	EE638	Monetary Economics: Selected Topics 1	3	Prerequisite: with the instructor's permission. This course covers selected topics in monetary economics and the financial aspects of economic development. Topics vary depending on the specific interests of the participants.
4.	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.
5.	EE627	Microeconometrics	3	Prerequisite: EE626 or with the instructor's permission. This course covers topics in Microeconometric 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.
6.	EE668	Development Economics: Selected Topics 1	3	Prerequisite: EE 611 and EE 612 or with the instructor's permission. This course covers selected topics in development economics. Topics vary depending on the specific interests of the participants.

No.	Course Code	Course name	Credits	Course Description
7.	EE616	Computable General Equilibrium (CGE) Modeling for Planning and Policy Analysis	3	Prerequisites: EE611 and EE612 or with the instructor's permission. This course introduces students to methods of quantitative analysis of planning and development policy, particularly the economy-wide modeling approach. Students will learn how to build a model using computer software and discuss on policy implications based on the results of model simulation. Starting on the Input-Output (I-O) model, students will gradually move onto the Social Accounting Matrix (SAM) and eventually the Computable General Equilibrium (CGE) models. The discussion on the development policies cover issues ranging from growth, income distribution, structural reform, trade, and impacts of national policies on social development. While technical methods are the main part of the course, the application of these models to actual planning and policy issues such as economic and social development, poverty, and income distribution are always emphasized.