Economics PhD Program Specialization Coursework

Students are required to complete a minimum of 28 units of advanced coursework in their second year of the PhD program, not counting new seminars. The courses taken must fulfill the requirements for at least two fields they wish to specialize in.

Fulfilling Requirements for a Specialization

- If a specialization offers elective classes, students must complete 16 units in total. At least 8 of these units must come from core courses
- If a specialization does not offer elective classes, students must complete 12 units in total. All 12 units must come from core courses

Core and Elective courses offered for each specialization:

Field	Core Courses	Elective Courses
Macroeconomics	214A Economic Development 214B Economic Development 217A American Economic History 225 Heterogeneous Agent Macroeconomics 228 Aggregate Economics 229 Macroeconomic Theory and Policy 235D Modern Asset Pricing 249 Dynamic Optimization 253A Job Search Theory 253B Topics in Search and Marketing	N/A
Microeconomic Theory	215A Mechanism Design 215B Bounded Rationality 215C Repeated Games 215D Contract Theory 215E Auction Theory 215F Network Theory 215G Learning in Games 215H Behavioral Economics 215I Bargaining Theory 215J Learning with Misspecified Models	278A Experimental Methods 278B Games in the Laboratory 278C Individual Decision Making in the Laboratory 278D Market Experiments 278E Social Preferences 278F Experiments on Learning 278G Games: Repeated Interactions
Experimental and Behavioral Economics	278A Experimental Methods 278B Games in the Laboratory 278C Individual Decision Making in the Laboratory 278D Market Experiments 278E Social Preferences 278F Experiments on Learning 278G Games: Repeated Interactions	215A Mechanism Design 215B Bounded Rationality 215C Repeated Games 215D Contract Theory 215E Auction Theory 215F Network Theory 215G Learning in Games 215H Behavioral Economics 215I Bargaining Theory 245I Regression Discontinuity Designs

Econometrics	245B Time Series Econometrics 245D Workshop in Econometrics 245E Introduction to Bayesian Econometrics 245F Generalized Method of Moments and Instrumental Variables 245G Panel Data and Difference-in-Differences 245H Clustering, Bootstrapping, and Multiple Comparisons 245I Regression Discontinuity Designs 245J Field Experiments 245K Structural Estimation 245L Nonparametric Econometrics	N/A
Environmental and Natural Resource Economics	260D Natural Resource: Dynamic Programming Methods 260E Natural Resource: Continuous-Time Methods 260F Demand for Environmental Goods 260G Environmental Externalities and Regulation 260H Climate Change, Adaptation, and Policy 260I Time, Uncertainty, and Environmental Policy	245G Panel Data and Difference-in- Differences 245H Clustering, Bootstrapping, and Multiple Comparisons 245I Regression Discontinuity Designs 245J Field Experiments 245K Structural Estimation 245L Nonparametric Econometrics 230A Public Economics I 230C Individual Taxation 230D Capital Taxation 230E Social Insurance Programs
Labor Economics	250D Population Economics 250E Labor Supply 250F Labor Demand and Wage Differentials 250G Economics of Education 250H Human Capital 250I Personnel Economics 250J Empirical Search and Recruiting	245F Generalized Method of Moments & Instrumental Variables 245G Panel Data and Difference-in-Differences 245H Clustering, Bootstrapping, and Multiple Comparisons 245I Regression Discontinuity Designs 245J Field Experiments 245K Structural Estimation 245L Nonparametric Econometrics
Public Economics	230A Public Economics I 230C Individual Taxation 230D Capital Taxation 230E Social Insurance Programs 230F Behavioral Public Finance 230G Tax Incidence 230H Political Economy	245F Generalized Method of Moments and Instrumental Variables 245G Panel Data and Difference-in-Differences 245H Clustering, Bootstrapping, and Multiple Comparisons 245I Regression Discontinuity Designs 245J Field Experiments 245K Structural Estimation 245L Nonparametric Econometrics