Second Year Requirements and Fields

In the second year, students complete a specified number of core courses from two fields, as well as a number of electives. Students are required to complete two fields. Course offerings will vary from year-to-year, and in some cases completing a field may require continuing coursework into the third year.

The fields offered are; Econometrics, Environmental and Natural Resource Economics, Experimental and Behavioral Economics, Labor Economics, Macroeconomic Theory and Policy, Microeconomic Theory, and Public Economics.

Requirements for each field are divided into “core” and “elective” requirements. The initial arrangement of fields appears in the next section. The overall requirements are:

1. Students are required to complete a minimum of 28-units of advanced coursework, exclusive of units in the new seminars.

2. Students are required to fulfill the course requirements for at least two fields.

3. Fields with elective options require 16 units with a minimum of 8 units from the base list, and fields with no elective options require 12 units from the base list.

4. Units may be used to fulfill the requirements of more than one field, so long as there is a minimum of 28 unique units taken. (No double counting).

A printable table for each fields “core” course and “elective” course requirement is found here.

Complete course descriptions can be found online at the UCSB General Catalog.

Econometrics
- Economics 245B: “Econometric Theory”
- Economics 245E: “Introduction to Bayesian Econometrics”
- Economics 245F: “Generalized Method of Moments and Instrumental Variables”
- Economics 245G: “Panel Data and Difference-in-Differences”
- Economics 245H: “Clustering, Bootstrapping, and Multiple Comparisons”
- Economics 245I: “Regression Discontinuity Designs”
- Economics 245J: “Field Experiments”
- Economics 245K: “Structural Estimation”
- Economics 245L: “Nonparametric Econometrics”

Environmental and Natural Resources
- Economics 260E: “Natural Resource Economics: Continuous-Time Methods”
- Economics 260F: “Demand for Environmental Goods”
- Economics 260G: “Environmental Externalities and Regulation”
- Economics 260I: “Time, Uncertainty, and Environmental Policy”
- Economics 260J: “Environmental Macroeconomics”

Experimental and Behavioral Economics
- Economics 278A: “Experimental Methods”
- Economics 278B: “Games in the Laboratory”
- Economics 278C: “Individual Decision Making in the Laboratory”
Second Year Requirements and Fields

- Economics 278D: “Market Experiments”
- Economics 278E: “Social Preferences”
- Economics 278F: “Experiments on Learning”
- Economics 278G: “Games: Repeated Interactions”

**Labor Economics**
- Economics 250D: “Population Economics”
- Economics 250E: “Labor Supply”
- Economics 250F: “Labor Demand and Wage Differentials”
- Economics 250G: “Economics of Education”
- Economics 250H: “Human Capital”
- Economics 250I: “Personnel Economics”
- Economics 250J: “Empirical Search and Recruiting”

**Macroeconomic Theory and Policy**
- Economics 214A: "Development"
- Economics 214B: "Development"
- Economics 225: "Heterogeneous Agent Macroeconomics"
- Economics 228: "Aggregate Economics"
- Economics 229: "Macroeconomics Theory and Policy"
- Economics 235D: "Modern Asset Pricing"
- Economics 249: "Dynamic Optimization"
- Economics 253A: "Job Search Theory"
- Economics 253B: "Topics in Search and Matching"

**Microeconomic Theory**
- Economics 215A: “Mechanism Design”
- Economics 215B: “Bounded Rationality”
- Economics 215C: “Repeated Games”
- Economics 215D: “Contract Theory”
- Economics 215E: “Auction Theory”
- Economics 215F: “Network Theory”
- Economics 215G: “Learning in Games”
- Economics 215H: “Behavioral Economics”
- Economics 215J: “Learning with Misspecified Models”

**Public Economics**
- Economics 230A: "Public Economics I"
- Economics 230B: "Public Economics II"
- Economics 230C: “Individual Taxation”
- Economics 230D: “Capital Taxation”
- Economics 230E: “Social Insurance Programs”
- Economics 230F: “Behavioral Public Finance”
- Economics 230G: “Tax Incidence”
- Economics 230H: “Political Economy”