



University of California, Santa Barbara
Program Learning Outcomes

PhD in Economics

Upon graduation with a PhD in Economics:

Core Knowledge

- Students will be able to demonstrate a strong understanding in the three core fields of Economics (Microeconomics, Macroeconomics, and Econometrics).
- Students will be able to demonstrate a deep understanding and expertise in at least three fields of Economic specialization (e.g., Experimental & Behavioral Economics, Labor Economics, Environmental Economics, Econometrics, Public Finance, Macroeconomics).

Research Methods and Analysis

- Students will be able to understand the range of qualitative and quantitative methodologies typically used in Economic research, including descriptive and regression analysis.
- Students will be able to produce original and independent research projects, including presenting theoretical and empirical arguments, and analyzing the relevant data sets (when applicable) using the appropriate econometric methods.
- Students will be able to follow ethical guidelines in the handling of research subjects and data collection (when applicable).

Pedagogy

- Students aiming at academic careers will possess classroom management skills, techniques for effective lecturing, and methods for guiding and assessing the progress of undergraduate students.
- Students will be able to create appropriate assessment tools, including exams and assignments.

Scholarly Communication

- Students will be able to review, summarize, and criticize the relevant literature.
- Students will be able to organize the empirical and theoretical results of their analyses into complete and coherent papers in a style consistent with the leading academic journals.
- Students will be able to present their research effectively through oral presentations and through the development of supporting materials as appropriate (e.g., presentation slides).

Professionalism

- Students will be familiar with the relevant professional societies in Economics and related fields.

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Program Learning Outcomes, continued

- Students will be knowledgeable about their career options post-graduation, in academia, private consulting, research think-tanks, and government agencies.

Independent Research

- Students will produce unique theoretical and empirical contributions to existing bodies of literature.
- Students will develop original and independent research projects that meet the existing standards of theoretical and empirical analysis in Economics.