Economics 265: Agriculture and Economic Development

University of California, Riverside
Spring 2016

Professor: Steven M. Helfand
4102 Sproul Hall
Tel. 827-1572
steven.helfand@ucr.edu

Spring 2016 Office Hours:
Mon. 10:00-12pm
or by appointment

Course Description

The goal of this course is to expose students to a variety of issues and techniques that could be explored further in the writing of a dissertation. The focus will be on economic development in general and issues related to the agricultural sectors in developing countries in particular. The course will adopt a quantitative approach to policy analysis. It seeks to provide students with an understanding of how to integrate microeconomic theory and econometrics in order to assess the welfare, efficiency, and effectiveness of alternative policies.

Course Requirements

The grade for the course will be calculated as a weighted average of the following components:

1. A 15-20 page paper related to a topic on the syllabus
   The paper will be due on the last day of class. 50%

2. Provide references, present, and lead the discussion in class
   for one area of research related to final paper. 10%

3. A journal with 10 reaction pieces to readings on the syllabus
   (One reaction piece will be due each week. These should have about
   one page of summary and one page of critical analysis for each reading.) 20%

4. Presentations and class participation 20%
Brief Course Outline

1. Introduction
   a) Quantitative Analysis of Development Policy
   b) Agricultural Issues in Developing Countries

2. Measures of Agricultural Protection: Indicators and Applications
   a) Concepts and Measures
   b) Applications

3. Agricultural Household Models: Theory and Applications
   a) The Agricultural Household Model
   b) Applications

4. Productivity, Efficiency, and Farm Size
   a) Agricultural Productivity and Development
   c) Farm Size and Productivity
   b) Efficiency and Productivity Measurement
   d) Adoption of New Technologies
   e) The Fertilizer Subsidy Debate

5. Poverty and Income Diversification
   a) Poverty, Growth, and Distribution
   b) Income Diversification and Pathways Out of Poverty
   c) Cash Transfer Programs: Issues and Impacts
   d) CCTs and Potential Synergies

   a) Land Markets and Policies
   b) State-Led Land Reform
   c) Market Assisted Land Reform

7. Student Topics
Course Outline and Readings

1. Introduction
   a) Quantitative Analysis of Development Policy


   b) Agricultural Issues in Developing Countries


   Overview (pp. 1-25, WDR 2008)
   Growth and Poverty Reduction in Agriculture’s Three Worlds (Chapter 1, WDR 2008)
   Emerging National Agendas for Agriculture’s Three Worlds (Chapter 10, WDR 2008)

2. Measures of Agricultural Protection: Indicators and Applications


3. Household Models: Theory and Applications


4. Productivity, Efficiency, and Farm Size

a) Agricultural Productivity and Development


b) Farm Size and Productivity


c) Efficiency and Productivity Measurement


d) Adoption of New Technologies


e) The Fertilizer Subsidy Debate


5. Poverty and Income Diversification


a) Poverty, Growth, and Distribution


b) Income Diversification and Pathways Out of Poverty


Lanjouw, Peter. 2007. "Does the Rural Nonfarm Economy Contribute to Poverty Reduction?", chapter 3 in Haggblade, Hazell, & Reardon (eds), Transforming the Rural Nonfarm Economy. Baltimore: Johns Hopkins University Press.


c) Cash Transfer Programs: Issues and Impacts


7. Student Topics