1 Course Objectives

This course examines theoretical foundations of international trade and empirical evidence. The course considers the determinants of the trade pattern in goods and services, explanations of export-market participation and multinational activity at the firm level, as well as the interrelation of international trade with factor-market outcomes, income distribution and commercial policy. The empirical parts of the course present basic assessments of theories of international trade and capital movements, and provide an overview of evidence on economic outcomes.

2 Prerequisites

Instructor’s consent.

3 Readings

Textbooks: Feenstra (2004); Eaton and Kortum (2010); partly Bhagwati, Panagariya, and Srinivasan (1998)

Readings: See Class schedule and References.

The Eaton and Kortum textbook draft and readings are available through the class web page (see above). For each lecture, there are up to three types of readings. The basic reading is the textbook reference, or the classic article, on which a large part of the lecture notes will be based; you are not asked to write your weekly report on those. The main reading is an original paper or book chapter, on which you are asked to write your weekly report; the main reading is a recent academic publication (rarely more than one) for you to understand and discuss. Additional readings are points of departure for related research questions.

Lecture slides will be available for download from the class web page before each class.

4 Paper reports

There are typically two lectures per week, and each lecture has one designated Main Reading on this syllabus.
You are asked to send me one paper report by e-mail per week, either on the main reading of the Tuesday lecture or on the main reading of the Thursday lecture. Please paste your report into the body of the e-mail. No report is due for Lecture 1. Starting with Lecture 2 on October 2, there are two lectures per week through November 20; one report is due for each of these eight weeks. Given Thanksgiving holiday on November 22, the paper due in the ninth week is either one of the two alternative main readings for Lecture 18 on November 20. On two occasions, the main reading consists of three shorter papers and is cumulative.

Your report should be no longer than two (2) paragraphs and provide a summary of the paper’s main insights and lessons. For theoretical papers, and the occasional historic conceptual paper, the summary should describe the main hypothesis and building blocks of the model, recount the main steps of the reasoning in the derivation, and assess the novelty and generality of the model. For empirical papers, the summary should describe the main features of the data source, explain the empirical procedure and identification strategy, and assess the robustness and generality of the results. For each paper, the summary concludes with a brief assessment of the role and relevance of the paper in the literature.

The paper report e-mail is due before the respective class, at 10:30am of the day of class. In particular, if you choose to review the main reading of the Tuesday lecture, then the report is due at 10:30am before the class on Tuesday.

5 Problem sets

Three problem sets will be distributed throughout the quarter. Problem set 1 will cover Industry-level Trade Theory, problem set 2 Firm-level Trade Theory and problem set 3 Global Production. The problem sets will ask you to derive main aspects of models covered in class, or related extensions. Each problem set is given out at the beginning of the according topic block (Oct 4/Oct 23/Nov 13) and due upon conclusion of the according topic block (Oct 18/Nov 8/Dec 6). Also see the Class Schedule for dates.

6 Oral presentation

The last week of class will be devoted to student presentations. In groups of two, students will choose a recent research paper at the frontier of research in international trade. For this purpose, you will propose a paper of your choice by Monday, November 19 at 5pm. In rare cases, I may ask you to select another paper by Wednesday, November 21. The paper presentation should explain the paper’s main insights in a style similar to a seminar. Ideally, students will conclude with ideas for own follow-up research. A presentation should be based on slides as if you were presenting your own work.

7 Final exam

There will be a two-hour final exam on Monday, December 10.

8 Assessment

There are four components of assessment: nine paper reports (out of 18 main papers), three problem sets, the oral presentation, and the final exam. The final exam will count for 25 percent of the final
letter grade; the paper reports, the problem sets, and the oral presentation also for 25 percent each. Strong class room participation throughout the quarter will be counted towards performance in the latter three categories.

9 Class Schedule

I. Foundations

1. Thu, Sep 27: Empirical Foundations
   Basic reading: Eaton and Kortum (2010)/Ch. 2

2. Tue, Oct 2: Analytic Foundations and the Gravity Equation
   Basic readings: Eaton and Kortum (2010)/Ch. 3, Feenstra (2004)/Ch. 5
   Main reading: Anderson and van Wincoop (2003)

II. Industry-level Trade Theory

3. Thu, Oct 4: Productivity Differences and Trade
   Basic readings: Eaton and Kortum (2010)/Ch. 3, Feenstra (2004)/Ch. 1
   Main reading: Dornbusch, Fischer, and Samuelson (1977)
   (Additional readings: Eaton and Kortum 2012, Ricardo 1821, Costinot 2009, Obstfeld and Rogoff 1996/Ch. 4.5)
   PROBLEM SET 1 OUT

4. Tue, Oct 9: Endowment Differences and Trade
   Basic readings: Feenstra (2004)/Ch. 1-2, Bhagwati, Panagariya, and Srinivasan (1998)/Ch. 5-6
   Main reading: Ohlin (1931)

5. Thu, Oct 11: Many Goods, Many Factors and Some Evidence
   Basic readings: Feenstra (2004)/Ch. 3, Bhagwati, Panagariya, and Srinivasan (1998)/Ch. 8
   Main reading: Davis and Weinstein (2001)

6. Tue, Oct 16: Endowment Differences, Trade, and Trade Policy
   Basic readings: Feenstra (2004)/Ch. 2-3, Bhagwati, Panagariya, and Srinivasan (1998)/Ch. 12
   Main reading: Romalis (2004)

III. Firm-level Trade Theory

7. Thu, Oct 18: Monopolistic Competition and Increasing Returns
   Basic reading: Bhagwati, Panagariya, and Srinivasan (1998)/Ch. 11
   Main reading: Krugman (1980)
   (Additional readings: Helpman and Krugman 1985/Ch. 6-9, Dixit and Stiglitz 1977, Broda and Weinstein 2006)
   PROBLEM SET 1 DUE
8. Tue, Oct 23: Exporter Heterogeneity and the Size Distribution of Firms
   PROBLEM SET 2 OUT

   Main reading: Abowd, Kramarz, and Woodcock (2008)
   (Additional readings: Abowd, Kramarz, and Margolis 1999, Moreira 2008)

10. Tue, Oct 30: Heterogeneity with Fixed Costs of Exporting
    Basic reading: Melitz (2003)
    Main reading: Das, Roberts, and Tybout (2007)

11. Thu, Nov 1: Technology in the Global Economy
    Basic reading: Eaton and Kortum (2010)/Ch. 4-6 (sections 4.1, 4.4, 5.1-5.4, 6.1-6.5)
    Main reading: Eaton and Kortum (2002)

12. Tue, Nov 6: Multi-product Firms
    Main reading: Eckel and Neary (2010)
    (Additional readings: Arkolakis and Muendler 2011, Bernard, Redding, and Schott 2011)

IV. Global Production

13. Thu, Nov 8: Offshoring and Trade in Intermediate Inputs
    Basic reading: Feenstra (2004)/Ch. 4
    Main reading: Feenstra and Hanson (1999)
    (Additional reading: Ebenstein, Harrison, McMillan, and Phillips 2009)
    PROBLEM SET 2 DUE

14. Tue, Nov 13: Trade in Tasks
    PROBLEM SET 3 OUT

15. Thu, Nov 15: Horizontal Foreign Direct Investment
    Basic reading: Feenstra (2004)/Ch. 11
    Main reading: Brainard (1997)

16. Tue, Nov 20: Firm Boundaries and Vertical Foreign Direct Investment
    Basic reading: Feenstra (2004)/Ch. 11
    Main reading: Antràs (2003)
    (Additional reading: Antràs and Helpman 2004, Hanson, Mataloni, and Slaughter 2005)

Mon, Nov 19: PROPOSAL FOR PAPER PRESENTATION DUE
17. Tue, Nov 27: Determinants and Consequences of Multinational Firm Activity

Basic reading: Feenstra (2004)/Ch. 11
Main reading: Carr, Markusen, and Maskus (2001), Blonigen, Davies, and Head (2003) and Carr, Markusen, and Maskus (2003), jointly
(Additional reading: Muendler and Becker 2010; Helpman 2006)

Wed, Nov 23: SCHEDULE OF STUDENT PRESENTATIONS OUT

18. Thu, Nov 29: Trade and Employment Outcomes

Main reading: Helpman, Itskhoki, and Redding (2010)
(Additional readings: Davidson and Matusz 2004; Artuç, Chaudhuri, and McLaren (2010); Amiti and Davis (2011); Menezes-Filho and Muendler 2011)

Tue, Dec 4: STUDENT PRESENTATIONS

Thu, Dec 6: STUDENT PRESENTATIONS

PROBLEM SET 3 DUE

Mon, Dec 10: FINAL EXAM

References


