

International Trade

PhD in Economics, University of Padua

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Course description

This course introduces students to the core theories of international trade, and to some of their most recent applications. We begin by reviewing workhorse models of international trade, such as the Ricardian model, the Heckscher-Ohlin model, the increasing returns model, and models of oligopoly and trade. The second part of the course reviews a set of applications of these models.

The course will be taught jointly by Roberto Bonfatti, University of Padua (20 hours) and Kerem Cosar, University of Virginia (6 hours). Prof. Cosar will be visiting DSEA at the end of May 2022.

Office hours: by appointment via Skype/Zoom (email: roberto.bonfatti@unipd.it)

Course web site: on Moodle.

Grading policy: TBC.

Textbooks There is no specific textbook for this course. The main references are journal articles that will be covered in details in class and the lecture notes (slides). Here is a list of textbooks for general reference.

- Dixit, Avinash and Victor Norman (1980). *Theory of International Trade - A dual, general equilibrium approach*, Cambridge, Cambridge University Press. (Henceforth DN)
- Feenstra, R.C. *Advanced International Economics: Theory and Evidence*, second edition. (Princeton University Press: 2016) (Feenstra).
- Grossman, G.M. and E. Helpman (1991), *Innovation and Growth in the Global Economy* (MIT Press). (GH)
- Helpman, H. and P. Krugman (1995), *Market Structure and Foreign Trade*, Cambridge, MIT Press. (ELK)
- Elhanan Helpman, *Understanding Global Trade*, Cambridge, MA: Harvard University Press, forthcoming. (EH)
- Krugman P., M. Obstfeld and M. Melitz (2010) *International Economics*, Pearson. (KOM)

Below you can find a detailed syllabus. The double starred references are required readings, the single starred are recommended reading.

PART I: CORE MATERIAL

General comparative advantage model (RB)

- (*) DN, Chapters 1-4.

The Ricardian framework (RB)

- (**) Dornbusch, R., S. Fischer, and P.A. Samuelson (1977), "Comparative Advantage, Trade, and Payments with a Continuum of Goods," *American Economic Review*, 67: 823-839.
- (**) Jonathan Eaton & Samuel Kortum, 2002. "Technology, Geography, and Trade," *Econometrica*, *Econometric Society*, vol. 70(5), pages 1741-1779, September.
- Costinot, Arnaud, Dave Donaldson and Ivana Komunjer (2012). "What Goods do Countries Trade? A Quantitative Exploration of Ricardos Ideas", *Review of Economics Studies*, Vol. 79, pp. 581-608.
- Jonathan Eaton & Samuel Kortum, 2012. "Putting Ricardo to Work," *Journal of Economic Perspectives*, vol. 26(2), pages 65-90, Spring.

The Heckscher-Ohlin framework (RB)

- (*) DN, Chapters 1-4.
- (**) Feenstra, Chapters 1-3.

Trade and monopolistic competition (RB)

- (**) Krugman, P.R. (1980): "Scale Economies, Product Differentiation, and the Pattern of Trade," *American Economic Review*, 70: 950-959.
- (**) Krugman, Paul (1981). "Intra-industry Specialization and the Gains from Trade" in *Journal of Political Economy*, Vol. 89, No. 5, pp. 959-973.
- Broda, Christian, and David E. Weinstein (2007). "Globalization and the Gains from Variety", *Quarterly Journal of Economics*, Vol. 121, No. 2, pp. 541-585.
- Neary, Peter (2009). "Putting the "New" into New Trade Theory: Paul Krugman's Nobel Memorial Prize in Economics", *Scandinavian Journal of Economics*.
- Balassa, B. (1967). *Trade Liberalization among Industrial Countries*, McGraw-Hill, New York.

Models of heterogeneous firms (KC)

(reading list TBC)

PART II: APPLICATIONS

Gravity and quantitative trade models (RB)

- (**) Head, Keith and Thierry Mayer (2013). "Gravity Equations: Workhorse, Toolkit, and Cookbook", in Gopinath, G., E. Helpman, and K. Rogoff (Eds), *Handbook of International Economics*, Vol. 4, Elsevier (forthcoming).
- (**) Anderson, James and Eric van Wincoop (2003). "Gravity with Gravitas: A Solution to the Border Puzzle", *American Economic Review*, Vol. 93, No. 1, pp. 170-192.
- (*) Anderson, James E. (1979). "A Theoretical Foundation for the Gravity Equation", in *American Economic Review*, Vol. 69, No. 1, pp. 106-116.

- Armington, Paul (1969). “A Theory of Demand for Products Distinguished by Place of Production”, *International Monetary Fund Staff Papers*, Vol. 16, pp. 159-78.

Trade, Growth and Politics (RB)

(reading list TBC)

Trade and International Political Economy (RB)

(reading list TBC)

Empirics of heterogenous firm models (KC)

(reading list TBC)

Heterogenous firm models and the gains from trade (KC)

(reading list TBC)