

## Outline

The 12 two-hour lectures will be organized as follows:

1. Introduction  
Stylized facts.
2. Neoclassical trade models (1/5)  
Ricardo & Dornbusch Fischer Samuelson (1977).  
*Feenstra, chap.1*
3. Neoclassical trade models (2/5)  
Heckscher-Ohlin-Samuelson 2x2x2 model  
*Feenstra, chap.1-2*
4. Neoclassical trade models (3/5)  
HOS with more goods and factors: Heckscher-Ohlin Vanek & Dornbusch Fischer Samuelson (1980)  
*Feenstra, chap.3*
5. Neoclassical trade models (4/5)  
Empirical performance of neoclassical trade models: Trefler (1995), Romalis (2004)  
*Feenstra, chap.3*
6. Neoclassical trade models (5/5)  
Eaton and Kortum (2002) and applications (Caliendo Parro 2015)  
*Online Appendix*
7. Imperfect competition and Trade in Differentiated Varieties (1/2)  
From Krugman (1980) to Melitz (2003)  
*Handbook, chap. 1*
8. Imperfect competition and Trade in Differentiated Varieties (2/2)  
Extensions of Melitz (2003) and empirical evidence on firms and trade.  
*Handbook, chap. 1*
9. Gravity and Gains from Trade (1/2)  
Gravity equations: theory (Anderson van Wincoop 2003) and estimation.  
*Handbook, chap. 3*
10. Gravity and Gains from Trade (2/2)  
Quantifying gains from trade: gravity-based models (Costinot Rodriguez 2014), natural experiments.  
*Handbook, chap. 3*
11. Fragmentation  
Value-added trade. Offshoring model (Grossman Rossi-Hansberg 2008).  
*Reading list.*

## References

In general the course will rely on the two following textbooks. Occasionally articles will be handed out in class.

*Feenstra*: Robert C. Feenstra (2003), *Advanced International Trade: Theory and Evidence*, Princeton University Press, ISBN: 9780691114101

*Handbook*: *Handbook of International Economics*, Volume 4, Pages 1-740 (2014), Edited by Gita Gopinath, Elhanan Helpman and Kenneth Rogoff, North-Holland, ISBN: 978-0-444-54314-1

## Evaluation

A final exam.