

Economics Reading List and Math Pre-course

Math Pre-course

Attached is a pre-course in basic Mathematics that will prepare you for the first year of the Economic content of your course. It is essential that you go over Ch1-7. Answer the short exercises at the end of each chapter. Many of the concepts might be familiar to you but some will be new, in particular the applications to economics. If the material of a chapter is well known to you, feel free to jump straight to the exercises without reading the whole chapter. However, if you need to remind yourself of some concepts, the chapters provide detailed explanations and solved examples that will be extremely useful. Any unresolved question you might have about the content of these chapters should be brought up at the beginning of the term.

Chapters 6-9 will be covered after you arrive in College.

Reading List

Specific reading for the economic course will be given in a weekly basis during Michaelmas and Hilary term. There is no essential reading that you need to do in advance, but here is a short list of recommended books that you might find interesting and don't require specific economic knowledge:

- Banerjee, Abhijit and Duflo, Esther (2012), *Poor Economics: Barefoot Hedge-fund Managers, DIY Doctors and the Surprising Truth about Life on less than 1 a Day.* *Penguin Books.*
- *Why Nations Fail*, Daron Acemoglu and James A. Robinson (2013). *Profile Books.*
- Harford, Tim (2005), *The Undercover Economist.* *Oxford Economic Press.*
- Angrist, Joshua and Pischke, Jörn-Steffen (2014), *Mastering Metrics: The path from cause to effect.* *Princeton University Press.*

We also strongly recommend reading *The Economist* magazine regularly.

Massimo Antonini and Inés Moreno de Barreda