

Readings: provisional

Quantitative Methods

Principal Texts

There are many textbooks, which can be used to follow the course. It is worth having a look at them and finding the one that best suits your individual requirements. Those who have done an undergraduate econometric course might consider following the topics in one of the more advanced texts.

NB Earlier editions of the books below are fine –but not if more than 10 years old. So don't go and spend lots of money unnecessarily.

You should review basic Maths and Stats in the textbooks.

See: Thomas Ch 1 to 5, Salvatore Ch 1 to 5, Gujarati Ch 1 to 5 and Appendix A and Dougherty Ch 1 to 3. All texts are referenced below.

For those completely new to econometrics or needing an easier start the following provide relatively straightforward expositions:

- Stewart, J. (1991) 'Understanding Econometrics', Philip Allan.
This is a useful starting point with more words per equation than any other econometrics text.
- R Carter Hill, William E Griffiths, Guay C Lim (2008) 'Principles of Econometrics, Second edition, John Wiley and Sons. Very good introduction and good discussion.
- Gujarati, D. N. (2003) 'Essential of Econometrics', McGraw Hill.
Another simple introduction.
- Studenmund, A. H. (2006), "Using Econometrics", Pearson. An innovative approach, suitable for those completely new to econometrics and those with some experience.
- Salvatore (2001) 'Statistics and Econometrics', Schaum's Outlines, Second Edition, McGraw Hill.
Provides lots of worked examples

The sort of texts you will need to master by the end of the course:

- Kennedy, P. (2008) 'A Guide to Econometrics', Blackwell. Is very useful. It lacks notation and technical detail but explains concepts well and is a useful accompaniment to a more formal text
- Maddala, G. S. (2001) 'Introduction to Econometrics', Third Edition, John Wiley. A very good text that only uses matrix algebra in appendices.
- Verbeek, Marno (2008) A Guide to Modern Econometrics, 3rd edition , Wiley. A very useful comprehensive text.
- Gujarati, D. N. (2005) 'Basic Econometrics', McGraw Hill, Fourth edition. A useful introductory text with a detailed discussion.
- Dougherty (2006) 'Introduction to Econometrics', Oxford University Press, Third edition. Useful introduction.

Specialist texts

- Ryan, RJ, Scapens, RW and Theobald, M (2002) 'Research Methods and Methodology in Finance an accounting", London: Thomson 2e
- Bryman, A and E. Bell,(2002) Business Research Methods. Oxford: OUP
- Campbell, John Y, Andrew W Lo and Craig MacKinlay (1997) 'The Econometrics of Financial Markets' Princeton
- Cuthbertson, Keith (1996) 'Quantitative Financial Economics', Wiley.
- Alan Bryman and Duncan Cramer (2001) Quantitative Data Analysis...", Routledge.

If you already have a textbook that is not on this list and you are happy with it then carry on and use it to follow the first part of the course. All texts follow roughly the same material.

Software Manuals

- Pesaran, M. H. and Pesaran, B. "MICROFIT 4.0, Windows version", 1997, Oxford University Press, ISBN 0-19-268531-7. This is the manual for the MICROFIT package that you will be using and contains useful examples and exercises. It is available in the library.
- Stata Manuals (in library)

Methodology

- John Hughes and Wes Sharrock (1997) *The philosophy of social research*, Longman. Third Edition
- Shipman, Martin (1997) *The Limitations of Social Research*, Longman.
- Blaug, Mark (1992) *The Methodology of Economics, or How Economists Explain*, Cambridge University Press.
- Dow, Sheila (2002) *Economic Methodology: An Inquiry*, Oxford University Press.
- Sayer, Andrew (1992) *Method in Social Science*, Routledge
- Fielding, Jane and Nigel Gilbert (2000) *Understanding Social Statistics*, Sage Publications.