

Reading list 2009–10

95 Further mathematics for economists

The current edition of the subject guide is the 2005 edition. This reading list was last updated in May 2009. Any queries about this reading list should be directed to externalstudy@lse.ac.uk.

Recommended reading

Most topics in this subject are covered in great detail by many texts. For this reason we do not specify **essential** reading for this topic. However, textbook reading is essential. Textbooks provide more in-depth explanation than you will find in the subject guide and they also provide many examples to study and exercises to work through.

Listed **in order of usefulness**, rather than alphabetically, we recommend:

Simon, C.P. and L. Blume *Mathematics for Economists*. (New York and London: W.W. Norton and Company, 1994) [ISBN 9780393957334].

Anton, Howard A. *Elementary Linear Algebra*. (Wiley Text Books, 2000) eighth edition [ISBN 9780471170556].

Ostaszewski, A. *Advanced Mathematical Methods*. (Cambridge: Cambridge University Press, 1991) [ISBN 9780521289641].

Bartle, R.G. and D.R. Sherbert *Introduction to Real Analysis*. (New York: John Wiley and Sons, 1999) third edition [ISBN 9780471321484].

Bryant, V. *Yet Another Introduction to Analysis*. (Cambridge: Cambridge University Press, 1990) [ISBN 9780521388351].

Ostaszewski, A., *Mathematics in Economics: Models and Methods*. (Cambridge: Cambridge University Press, 1993) [ISBN 9780631180562]. Available from www.blackwellpublishing.com.

Rowcroft, J.E. *Mathematical Economics: An Integrated Approach*. (New Jersey: Prentice Hall, 1994) [ISBN 9780130639677]. This text has limited availability but may be available in libraries.

Anthony, M. and N. Biggs *Mathematics for Economics and Finance*. (Cambridge: Cambridge University Press, 1997) [ISBN 9780521559133].