



Reading list 2009–10

76 Management mathematics

The current edition of the subject guide is the 2008 edition. This reading list was last updated in May 2009. Any queries about this reading list should be directed to externalstudy@lse.ac.uk.

Essential reading

- Brzezniak, Z. and T. Zastawniak *Basic Stochastic Processes: A Course Through Exercises*. (Springer Undergraduate Mathematics, 2000) [ISBN 9783540761754].
- Hanke, J.E. and D.W. Wichern *Business Forecasting*. (Pearson Hall, 2008) ninth edition [ISBN 9780135009338].
- Johnson, R.A., and D.W. Wichern *Applied Multivariate Statistical Analysis*. (Pearson Prentice-Hall, 2007) sixth edition [ISBN 9780131877153].

A useful introductory textbook which is used in this unit is:

- Dowling, E.T. *Schaum's Outline of Introduction to Mathematical Economics*. (Schaum, 2000) third edition [ISBN 9780071358965].

Further reading

In addition many of you will have used (and perhaps acquired) some of the mathematical/statistical texts for the foundation units **05a Mathematics 1** and/or **04a Statistics 1**. Where appropriate, reference is made to the relevant chapters of these books. They are indicated by an asterisk (*) in the list below.

- Aldenderfer, M.S. and R.K. Blashfield *Cluster Analysis. (Quantitative Applications in the Social Sciences)* (Sage, 1984) [ISBN 9780803923768].
- Allen, R.G.D. *Index Numbers in Theory and Practice*. (Palgrave Macmillan) [ISBN 9780333169162].
- * Anthony, M. and N. Biggs *Mathematics for Economics and Finance*. (Cambridge University Press, 2001) [ISBN 9780521559133].
- Barnett, RA and M.R. Zeigler *Essentials of College Mathematics for Business, Economics, Life Sciences and Social Sciences*. (Prentice-Hall, 1994) sixth edition [ISBN 9780023059315].
This book is now hard to find but it is still useful if you can locate a second hand copy or find one in a library.
- * Booth, D.J. *Foundation Mathematics*. (Prentice-Hall, 1998) third edition [ISBN 9780201342949].
- Chatfield, C. *The Analysis of Time Series - An Introduction*. (Chapman and Hall 2003) sixth edition [ISBN 9781584883173].
- Chatfield, C. *Problem Solving: A Statistician's Guide*. (Chapman and Hall/CRC, 1995) second edition [ISBN 9780412606304].
- Dowling, E.T. *Schaum's Outline of Mathematical Methods for Business and Economics*. (Schaum's Outline Series, McGraw Hill, 1992) [ISBN 9780070176973].
- Everitt, B.S., S. Landau and M. Leese. *Cluster Analysis*. (Hodder Arnold, 2001) fourth edition [ISBN 9780340761199].
- Granger, C.W.J. *Forecasting in Business and Economics*. (Academic Press Inc, 1989) second edition [ISBN 9780122951817].
- Gujarati, N. *Basic Econometrics*. (McGraw-Hill, 2003) fourth edition [ISBN 9780071230179].
- Haeussler, E.F. Jr. and R.S. Paul *Introductory Mathematical Analysis for Business, Economics and the Life and Social Sciences*. (Prentice-Hall, 2007) twelfth edition [ISBN 9780132404228].

- Holden, K and A.W. Pearson *Introductory Mathematics for Economics and Business*. (Palgrave Macmillan, 1992) second edition [ISBN 9780333576496].
- Jacques, I. *Mathematics for Economics and Business*. (Prentice-Hall, 2006) fifth edition [ISBN 9780273701958].
- Levine, D.M., D. Stephan, T.C Krehbiel and M.L. Berenson *Statistics for Managers Using Microsoft Excel*. (Pearson Prentice Hall, 2005) fourth edition. [ISBN 978013149615].
- Newbold, P. *Statistics for Business and Economics*. (Prentice-Hall, 2007) sixth edition [ISBN 9780132203845]
- * Ostaszewski, A. *Mathematics in Economics: Models and Methods*. (Blackwell, 1993) [ISBN 9780631180562].
- Owen, F. and R. Jones *Statistics*. (Financial Times Prentice-Hall, 1994) fourth edition [9780273603207].
- Pindyck, R.S. and D.L. Rubinfeld *Econometric Models and Economic Forecasts*. (McGraw-Hill, 2007) fourth edition [ISBN 9780079132925].