

SUGGESTED SUMMER READINGS

Calculus and Optimization:

C. P. Simon, L. E. Blume (1994), *Mathematics for Economists*, Norton & Company
Complete knowledge of Part I, Part II, and Part III Chapters 12, 13, and 14.

Linear Algebra and Probability:

S. M. Ross (2003), *Introduction to Probability Models*, Academic Press.

or

A. Papoulis (1989), *Probability & Statistics*, Prentice Hall.

Mathematics

T. M. Apostol (1975), *Calculus, Vol. 1: One-Variable Calculus with an Introduction to Linear Algebra and Calculus, Vol. 2: Multi-Variable Calculus and Linear Algebra with Application*, Wiley.

or

T. Yamane (1968), *Mathematics for Economists: An Elementary Survey*, Prentice Hall.

or

C. Birchenhall, P. Grout (1984), *Mathematics for Modern Economics*, Barnes & Nobles.

or

M. Trimbell (1991), *Mathematics for Economists*, Wiley-Blackwell.

Economic Applications of Calculus and Linear Algebra:

A. C. Chiang (2005), *Fundamental Methods of Mathematical Economics*, McGraw Hill.

Statistics:

Titles are ordered from introductory to advanced:

T. H. Wonnacott, R. J. Wonnacott (1982), *Statistics: Discovering Its Power*, Wiley.

K. Knight (1999), *Mathematical Statistics*, Chapman & Hall/CRC.

G. Casella, R.L. Berger (2002), *Statistical Inference*, Duxbury, Thomson Learning.

Econometrics and Time Series (Professors Cubadda and Peracchi):

J.H. Stock, M.W. Watson (2010), *Introduction to Econometrics* (3rd ed.), Addison-Wesley.