



FIRST SEMESTER TEXT BOOK LIST - 2010

The attached book list will assist you in purchasing the recommended texts, lecture and tutorial notes necessary for study in first year autumn semester (Stage 1) subjects 2010.
Unless otherwise noted, textbooks are available from the Co-op Bookshop.

UTS: SCIENCE



22107 ACCOUNTING FOR BUSINESS

Details will be given in the first lecture.

25115 ECONOMICS FOR BUSINESS

Details will be given in the first lecture.

31267 PROGRAMMING FUNDAMENTALS

Details will be given in the first lecture.

31268 WEB SYSTEMS

Details will be given in the first lecture.

33116 STATISTICAL DESIGN & ANALYSIS

Details will be given in the first lecture.

33190 MATHEMATICAL MODELLING FOR SCIENCE

Fitzgerald & Peckham, *Mathematical Methods for Engineers and Scientists*. 4th edition, 2005

Students who have not studied Calculus recently should enrol in Foundation Mathematics instead of Mathematical Modelling for Science. Tutorials start in the second week.

35010 FOUNDATION MATHEMATICS

Washington A.J., *Basic Technical Mathematics with Calculus* by Allyn J. Washington.

35101 INTRODUCTION TO LINEAR DYNAMICAL SYSTEMS

Details will be given in the first lecture.

35140 INTRODUCTION TO QUANTITATIVE MANAGEMENT

Winston W.L., *Operations Research Applications and Algorithms*, 4th edition.

35151 INTRODUCTION TO STATISTICS

Peck R., Olsen C. & Devore J., *Introduction to Statistics & Data Analysis*, 3rd edition.

CO-OP BOOKSHOP

Corner Broadway & Harris Streets
Broadway

UTS UNION SHOP

Level 3, Building 1(Tower Building)
City Campus

KOPYSTOP

55 Mountain Street
Broadway



FIRST SEMESTER TEXT BOOK LIST - 2010

**65111 CHEMISTRY 1 &
65212 CHEMISTRY 2**

Brown, Lemay, Bursten, Langford, Sagatys and Duffy, *Chemistry The Central Science: A broad perspective*, Pearson Education Australia, 2007

This pack includes:

Brown, LeMay: "Chemistry (the textbook)"

Brown, LeMay: "One Key Blackboard Access Code"

Brown, LeMay: "Mastering Chemistry Access Code"

Prentice Hall: "General Chemistry Molecular Modelling Kit"

Aylward and Findlay, SI Chemical Data Book, Wiley 6th ed. (5th ed. Is OK)

**68041 PHYSICAL ASPECTS
OF NATURE**

Serway & Faughn, College Physics, 7th Edition

**68101 FOUNDATIONS OF
PHYSICS**

Halliday, Resnick and Walker
"Fundamentals of Physics" 8th Edition

68201 PHYSICS IN ACTION

Halliday, Resnick and Walker
"Fundamentals of Physics" 8th Edition

91107 THE BIOSPHERE

Campbell, *Biology*, 8th edition

91123 BIOCOMPLEXITY

Campbell, *Biology*, 8th edition

**91161 CELL BIOLOGY AND
GENETICS**

Campbell, *Biology*, 8th edition

For students with no prior Biology knowledge:

Garrett LK. (2007) "Get Ready for Biology" (Pearson/Benjamin Cummings)

**99665 CHINESE MEDICINE
FOUNDATIONS 1**

Kaptchuk, T. 2000. *Chinese Medicine – the Web that has no Weaver*, London: Rider

**99648 HEALTH SCIENCES
FOR TCM 1**

McCance, KL & Huether, SE (2006)
"Pathophysiology: *The Biological Basis For Disease In Adults And Children*", 4th Edition, . Mosby.

Highly recommended text for all Science subjects, particularly those that have a Practical component: Zeegers et alia: "Essential Skills for Science and Technology" Oxford University Press 2008

All students will need *Lab Coats and safety glasses* for Chemistry subjects – available from the Union Shop.