

**Bachelor of Commerce – Actuarial Studies with
Bachelor of Science in Statistics (BCom – ActStud BSc)
Recommended Program 2004 Intake**

Code: ACT05

Last updated: 19-Oct-05

Unit Code	Unit Name	Credit Points	Exemption Subject
First Year			
ACST151	Introduction to Actuarial Studies	3	
ECON110	Macroeconomic Principles	3	
STAT171	Statistical Data Analysis	3	
COMP115 or COMP125	Introduction to Computer Science or Fundamentals of Computer Science	3	
ACST101	Techniques and Elements of Finance	3	
ACST211	Combinatorial Probability	3	
ACCG105	Introductory Financial Accounting	3	CT2
ECON111	Microeconomic Principles	3	CT7
MATH133	Mathematics 1B (Advanced)	3	
		27	
Second Year			
ACST200	Mathematics of Finance	4	CT1
STAT272	Probability	3	CT3
ACCG253	Financial Management	3	CT2
STAT278	Computer Simulation	3	
ACST255	Contingent Payments 1	3	CT5
STAT271	Statistics I	3	CT3
ECON201	Macroeconomic Analysis	4	CT7
		23	
Third Year			
ACST300	Insurance and Superannuation Practice	4	
ACST354	Survival Models	4	CT4
ACST356	Mathematical Theory of Risk	3	CT6
ACST305	Quantitative Methods for Asset Liability Management	4	CT8
ACST355	Contingent Payments 2	3	CT5
ACST357	General Insurance Pricing and Reserving	3	CT6
STAT328	Market Research and Forecasting	3	
		24	
Fourth Year			
ACST400	Actuarial Control Cycle 1	4	Part II
STAT320	Modelling and Quality Management	3	
STAT371	Modern Statistical Concepts	3	
STAT378	Statistical Computing	3	
ACST401	Actuarial Control Cycle 2	4	Part II
STAT401	Topics in Stochastic Finance	4	
STAT411	Generalised Linear Models	3	
		24	

You can satisfy the statistics coherent major with 12 credit points from any STAT units above 200 level. The 300-level and 400-level STAT units shown above are suggestions only and you may substitute any other 300-level and 400-level STAT units that interest you more. Also, since these

STAT units may be offered in different semesters in future years, some rearrangement of the program may be required from year to year.

Revision History: 16-Jan-04: Initial version. 19-Oct-05: Recommended STAT units altered to include STAT328 and STAT411. Corrected credit points for STAT401.