

**Bachelor of Commerce – Actuarial Studies with  
Bachelor of Science in Statistics (BCom – ActStud BSc)  
Recommended Program 2005 Intake**

Code: ACT05

Last updated: 20-Nov-06

Unit Code	Unit Name	Credit Points	Exemption Subject
<b>First Year</b>			
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	
<b>Second Year</b>			
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	
<b>Third Year</b>			
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
STAT3**	Statistics above 200-level elective	3	
		24	
<b>Fourth Year</b>			
ACST400	Actuarial Control Cycle 1	4	Part II
STAT3**	Statistics above 200-level elective	3	
STAT3**	Statistics above 200-level elective	3	
	Elective	3	
ACST401	Actuarial Control Cycle 2	4	Part II
STAT3**	Statistics above 200-level elective	3	
STAT3**	Statistics above 200-level elective	3	
		23	

You can satisfy the statistics coherent major with 12 credit points from any STAT units above 200 level. Highly recommended above 200-level STAT units are STAT328, STAT378, STAT411.

Other recommended above 200-level STAT units are STAT302, STAT320, STAT395 and STAT401.

Revision History: 04-Jan-05: Initial version. 19-Oct-05: Recommended STAT units altered to include STAT328 and STAT411. Corrected credit points for STAT401. 20-Nov-06: Revised list of above 200-level STAT units.