

STATISTICS – MAJOR (SCIENCE) – BACHELOR OF SCIENCE (HONOURS)

STAT-M-BSH

Subject: Administered by the Department of Mathematics and Statistics.

Plan: Consists of 60.00 units as described below.

Program: The Plan, alone, or in combination with a Minor in another subject, and with sufficient electives to total 120.00 units, will lead to a Bachelor of Science (Honours) Degree.

and/or Plan requirements. This includes courses in BMED, COMM, GLPH, LAW, NURS and courses in the Faculty of Engineering and Applied Science.

Code	Title	Units
1. Core		
A. Complete the following:		
MATH 110	Linear Algebra	6.00
MATH 120	Differential and Integral Calculus	6.00
B. Complete the following:		
MATH 280	Advanced Calculus	3.00
MATH 281	Introduction to Real Analysis	3.00
C. Complete the following:		
STAT 268	Statistics and Probability I	3.00
STAT 269	Statistics and Probability II	3.00
D. Complete the following:		
STAT 353	Probability II	3.00
STAT 361	Applied Methods in Statistics I	3.00
E. Complete the following:		
STAT 463	Fundamentals of Statistical Inference	3.00
2. Option		
A. Complete 12.00 units from the following:		12.00
STAT at the 300-level or above		
B. Complete 15.00 units from the following:		15.00
MATH 210	Rings and Fields	
MATH 211	Algebraic Methods	
MATH 231	Differential Equations	
or		
BIOM at the 300-level or above		
MATH at the 300-level or above		
STAT at the 300-level or above		
Electives		
Elective Courses		60.00
Total Units		120.00

3. Notes

A. A maximum of 6.00 units from courses offered by other Faculties and Schools may be counted toward the program