

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, HSCI, 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