

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

Subject: Administered by the Department of Mathematics and Statistics.

Plan: Consists of 60.00 units as described below.

Plan Code: STAT-S

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.

COMM, GLPH, HSCI, LAW, NURS, and courses offered by Smith Engineering.

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
STAT 362	R for Data Science	3.00
E. Complete the following:		
STAT 463	Fundamentals of Statistical Inference	3.00
2. Option		
A. Complete 15.00 units from the following:		15.00
STAT at the 300-level or above		
B. Complete 9.00 units from the following:		9.00
MATH 210	Rings and Fields	
MATH 225	Ordinary Differential Equations	
MATH at the 300-level or above		
STAT at the 300-level or above		
Electives and/or Other Plan Requirements		60.00
Total Units		120.00

3. Notes

A. The same course cannot be used to satisfy multiple requirements in one Plan.

B. A maximum of 6.00 units from courses offered by other Faculties and Schools may be counted toward the program and/or Plan requirements. This includes courses in BMED,