

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

## 3. Notes

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