MATHEMATICS – JOINT HONOURS (ARTS) – BACHELOR OF ARTS (HONOURS)

MATH[-----]A or [-----]MATH-A (where [-----] is a second subject of study)

Subject: Administered by the Department of Mathematics and Statistics.

Plan: Consists of 42.00 units as described below.

Program: *The Plan, in combination with a Joint Honours Plan in another subject, and with sufficient electives to total 120.00 units (114.00 units for students admitted prior to September 2017), will lead to a Bachelor of Arts (Honours) Degree.

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<th>Code</th>
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1. Core

A. Complete 6.00 units from the following: 6.00
   MATH 110  Linear Algebra
   MATH 111  Linear Algebra

B. Complete 6.00 units from the following: 6.00
   MATH 120  Differential and Integral Calculus
   MATH 121  Differential and Integral Calculus
   MATH 123  Differential and Integral Calculus I
   & MATH 124  Differential and Integral Calculus II

C. Complete 3.00 units from the following: 3.00
   MATH 221  Vector Calculus
   MATH 280  Advanced Calculus

D. Complete 6.00 units from the following: 6.00
   STAT 252  Introductory Applied Probability
   or STAT 268 Statistics and Probability I
   or STAT 351 Probability I
   and
   STAT 263  Introduction to Statistics
   or STAT 268 Statistics and Probability II

E. Complete 3.00 units from the following: 3.00
   MATH 225  Ordinary Differential Equations
   MATH 231  Differential Equations

2. Option

A. Complete 12.00 units from the following: 12.00
   BIOM at the 300-level or above
   MATH at the 300-level or above
   STAT at the 300-level or above

B. Complete 6.00 units from the following: 6.00
   MATH 211  Algebraic Methods
   or

Electives *Elective Courses 78.00

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