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

MATH[--] 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.

Note: Requirements for this program have been modified. Please consult the 2023-2024 (https://queensu-ca-public.courseleaf.com/archive/2023-2024/Calendar for the previous requirements.

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1. Core

A. Complete 6.00 units from the following: 6.00
   - MATH 110 Linear Algebra
   - MATH 112 Introduction to Linear Algebra
   - MATH 212 Linear Algebra II
   - STAT 161 Introduction to Data Science

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

C. Complete 9.00 units from the following: 9.00
   - MATH 210 Rings and Fields
   - MATH 221 Vector Calculus
   - MATH 225 Ordinary Differential Equations
   - MATH 280 Advanced Calculus

D. Complete 3.00 units from the following: 3.00
   - STAT 252 Introductory Applied Probability
   - STAT 268 Statistics and Probability I

E. Complete 3.00 units from the following: 3.00
   - STAT 263 Introduction to Statistics
   - STAT 269 Statistics and Probability II

2. Option

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

B. Complete 3.00 units from the following: 3.00
   - MATH at the 200-level or above
   - STAT at the 200-level or above

Electives

Elective Courses 1 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, HSCI, LAW, NURS, and courses offered by Smith Engineering.