

# Honors Statistics Requirements (66)

## Foundation Courses

- CMPUT 174 - Introduction to the Foundations of Computation I (See Note 1)
- CMPUT 175 - Introduction to the Foundations of Computation II (See Note 1)
- STAT 151 - Introduction to Applied Statistics I

### 3 units from:

- MATH 117 - Honors Calculus I
- MATH 134 - Calculus for the Life Sciences I
- MATH 144 - Calculus for the Mathematical and Physical Sciences I
- MATH 154 - Calculus for Business and Economics I \_\_\_\_\_

### 3 units from:

- MATH 118 - Honors Calculus II
- MATH 136 - Calculus for the Life Sciences II
- MATH 146 - Calculus for the Mathematical and Physical Sciences II
- MATH 156 - Calculus for Business and Economics II \_\_\_\_\_

### 3 units from:

- MATH 125 - Linear Algebra I
- MATH 127 - Honors Linear Algebra I \_\_\_\_\_

## Senior Courses

- MATH 216 - Introduction to Analysis (See Note 2)
- MATH 217 - Honors Calculus III
- MATH 317 - Honors Calculus IV
- MATH 417 - Real Analysis
- STAT 252 - Introduction to Applied Statistics II
- STAT 265 - Probability and Statistics I
- STAT 266 - Probability and Statistics II
- STAT 371 - Probability and Stochastic Processes
- STAT 372 - Mathematical Statistics
- STAT 378 - Applied Regression Analysis
- STAT 471 - Probability I
- STAT 499 - Research Project

### 3 units from:

- MATH 225 - Linear Algebra II
- MATH 227 - Honors Linear Algebra II \_\_\_\_\_

### 3 units from:

- STAT at the 300 or 400-level \_\_\_\_\_

### 6 units from:

- STAT at the 400-level \_\_\_\_\_
- \_\_\_\_\_

- COMM
- COMM
- IND
- BO\_\_
- BO\_\_
- BSBS
- BSFS
- BSSS
- LAB

### Notes:

1. CMPUT 274 and CMPUT 275 can serve as substitutes for CMPUT 174 and CMPUT 175, respectively.
2. Students who successfully complete MATH 117 must replace MATH 216 with 3 units selected from MATH at the 200-level or higher.
3. With consent of the Department, students may substitute MATH 100 for MATH 117, MATH 134, MATH 144 or MATH 154; MATH 101 for MATH 118, MATH 136, MATH 146 or MATH 156; MATH 102 for MATH 125 or MATH 127.