Statistics Major Requirements (54)

<u>Foundation Courses</u>
- ☐ 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   _____

<u>Senior Courses</u>
- ☐ MATH 216 - Introduction to Analysis (See Note 2)
- ☐ 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

3 units from:
MATH 214 - Calculus III
MATH 217 - Honors Calculus III   _____

3 units from:
MATH 225 - Linear Algebra II
MATH 227 - Honors Linear Algebra II   _____

3 units from:
MATH or STAT at the 300 or 400-level   _____

6 units from:
STAT at the 400-level

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☐ COMM
☐ COMM
☐ IND
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☐ BO___
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☐ 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.