Statistics Specialization Requirement Checklist

For students declaring the specialization on or after
February 1, 2023

Each line represents a major or correlate requirement for the Statistics specialization. Please check off the requirements as completed and indicate which courses are satisfying them. Please note that these requirements do not include TCNJ’s liberal learning and language requirements.

1. Required Core Courses:
   a. MAT 128: Calculus B
   b. MAT 200: Proof Writing Through Discrete Mathematics
   c. MAT 205: Linear Algebra
   d. MAT 229: Multivariable Calculus
   e. MAT 275: Sophomore Seminar
   f. MAT 316: Probability
   g. STA 215: Statistical Inference
   h. STA 305: Regression Analysis
   i. STA 410: Mathematical Statistics
   j. STA 498 Capstone

2. MAT/STA Options: Five additional course units
   a. STA: Course with number 300 or above*
   b. STA: Course with number 300 or above*
   c. STA: Course with number 300 or above*
   d. MAT/STA: Course with number 300 or above*
   e. MAT/STA: Course with number 300 or above*

   *At most one course unit of courses numbered 39x or 49x (not counting the Capstone) may be counted towards the major.

3. Correlate requirements:
   a. Computer Science Requirements:
      i. ___CSC220
   b. Lab Science Requirement (one course unit, check one):
      i. ___BIO 201 Foundations of Biological Inquiry
      ii. ___CHE 201 General Chemistry I
      iii. ___PHY 201 General Physics I

      * Or any lab course in Biology, Chemistry, or Physics numbered 200 or higher approved by the department
   c. Additional Science Requirement
      i. ___A second course in Biology, Chemistry, or Physics numbered 200 or higher approved by the department

   Course taken: __________________