West Chester University
B.S. in Mathematics-Statistics Concentration through the Honors College Advisement Sheet
Effective for students entering Fall ‘23 and later.

108 CREDITS
Indicate all the courses you have taken at WCU or transferred for credit. For completed courses, also list the grades. Mark an asterisk (*) beside courses you are currently taking.

The grade of C or better is necessary in all required math major courses.

I. MATHEMATICS REQUIRED COURSES (48 s.h.)

MAT125 ___ (Statistics & Prob.)
MAT161 ___ (Calculus I)
MAT162 ___ (Calculus II)
MAT200 ___ (Nature of Math)
MAT261 ___ (Calculus III)
MAT311 ___ (Linear Algebra)
STA319 ___ (Applied Statistics)
MAT343 ___ (Diff. Equations)
MAT421 ___ (Statistics I)
MAT422 ___ (Statistics II)
STA311 ___ (Statistical Comp.)
STA320 ___ (Experimental Des.)
STA321 ___ (Advanced Statistics)
STA419 ___ (Statistical Learning)
STA490 ___ (Statistics Capstone)

II. COGNATE COURSES

ENG368 _x___ (Business Wrt.)* or
ENG375 _x___ (Workplace Wrt.)* or
ENG371 _x___ (Technical Wrt)*

*NOTE: Fulfilled from Honors Core

III. STATISTICS ELECTIVES OR INTERNSHIP (6 s.h.)

Two additional MAT/STA courses at the 200 level or higher, one of which may be an internship.

   Course     Grade
            ____________ ___
            ____________ ___

IV. SUPPLEMENTAL ELECTIVES (18 s.h.)

Select six electives (not mathematics) from a subject area in which student would like to apply statistics.

   Course     Grade
            ____________ ___
            ____________ ___
            ____________ ___
            ____________ ___
            ____________ ___
            ____________ ___

   ____________ ___
   ____________ ___

V. HONORS COLLEGE CORE
SEQUENCE for GEN ED (27 s.h.)

HON 100 _____ (Self Awareness)
HON 211 _____ (Public Discourse)
HON 212 _____ (Ethics & Technology)
HON 310 _____ (Community Change)
HON 311 _____ (Stewardship/Civic Responsibility)
HON 312 _____ (Educational Systems)
or
HON 322 _____ (Leader. With ELLs)
HON 313 _____ (Public Opinion)
HON 314 _____ (Environ. Systems)
HON 315 _____ (Community & Arts)
SCI _____ ___*
MAT ___ _x___ ^

NOTES:
*HON122 (Computer Science for Social Justice) recommended
^Fulfilled from major requirements

VI. ADDITIONAL HONORS COLLEGE REQUIREMENTS (9 s.h.)

A) Two HON seminars at the 320 level or above (except 322)
   HON _____  _____
   HON _____  _____

B) Capstone Project^
   HON 490  _____

^NOTE: Enrollment upon core completion: ideally 6th or 7th semester

VII. DIRECTED ELECTIVES
Take enough directed electives to complete 120 credits. The actual number of electives required will vary depending upon (among other issues) the number of 3 vs. 4 hour courses taken to fulfill the major requirements and the addition of minor(s).

   Course     Grade
            ____________ ___
            ____________ ___
            ____________ ___
            ____________ ___
            ____________ ___
            ____________ ___

Bring this sheet with you whenever you meet with your advisor about scheduling or course planning!

(Revised October 2023)