

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)