

West Chester University
B.S. in Mathematics-
Actuarial Science
Concentration through the
Honors College
Advisement Sheet

Effective for students entering Fall '23
and later.

117 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)
 STA200 ___ (Statistics II)
 STA319 ___ (Applied Statistics)
 MAT343 ___ (Diff. Equations)
 MAT371 ___ (Math. Of Finance)
 MAT421 ___ (Statistics I)*
 MAT422 ___ (Statistics II)
 MAT423 ___ (Applied Prob.)
 STA419 ___ (Statistical Learning)
 MAT478 ___ (Actuarial Science)

*NOTE: MAT421 should be taken immediately after MAT261

II. COGNATE COURSES (18 s.h.)

ENG368 _x_ (Business Wrt.)* **or**
 ENG375 _x_ (Workplace Wrt.)* **or**
 ENG371 _x_ (Technical Wrt)*
 ACC201 ___ (Accounting)
 ECO111 ___ (Macro. Economics)
 ECO112 ___ (Micro. Economics)
 ECO340 ___ (Intermediate Micro.)
 FIN325 ___ (Corporate Finance)
 FIN330 ___ (Principles of Insurance)

*NOTE: Fulfilled from Honors Core

III. INTERNSHIP AND ELECTIVES (15 s.h.)

MAT491 ___ (Internship)*

Course	Grade**
_____	_____
_____	_____
_____	_____
_____	_____

NOTES:

*May be taken for variable credit and repeated for credit;

**Must be approved by advisor

IV. 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

V. 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

VI. 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)