West Chester University  
B.A. in Mathematics through the Honors College Advisement Sheet  
Effective for students entering Fall ’23 and later.  

88-112 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 (30 s.h.)  
MAT161 ___ (Calculus I)  
MAT162 ___ (Calculus II)  
MAT200 ___ (Nature of Math)  
MAT261 ___ (Calculus III)  
MAT311 ___ (Linear Algebra)  
MAT411 ___ (Algebra I)  
MAT421 ___ (Statistics I)  
MAT441 ___ (Real Analysis I)  
MAT480 ___ (Capstone)  

II. COGNATE COURSES (7 s.h.)  
CSC141 ___ (Computer Science)  
PHY170 ___ (Physics I)  

III. MATHEMATICS ELECTIVES (15 s.h.)  
Select at least 5 upper-division (300 level or higher) mathematics courses, one in each of the following areas: algebra elective, analysis elective, applied mathematics elective):  

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IV. LANGUAGE/CULTURE REQUIREMENTS (0-15 s.h.)  

V. HONORS COLLEGE CORE SEQUENCE for GEN ED (30 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).  

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Demonstrate language proficiency through the intermediate level (202 or higher).  

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

(Revised October 2023)