

# West Chester University

## B.S.E.D. in Mathematics

### with Ch. 49 through the Honors College

### Advisement Sheet

Effective for students entering Fall '17 and later.

*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.*

Students must have a minimum "C" in each major course.

#### I. MATHEMATICS REQUIREMENTS (43 s.h.)

MAT 121 \_\_\_\_ (Statistics)  
 MAT 161 \_\_\_\_ (Calculus)  
 MAT 162 \_\_\_\_ (Calculus II)  
 MAT 200 \_\_\_\_ (Nature of Math)  
 MAT 261 \_\_\_\_ (Calculus III)  
 MAT 311 \_\_\_\_ (Linear Algebra)  
 MAT 331 \_\_\_\_ (Geometry)  
 MAT 354 \_\_\_\_ (Sec. Math Methods)  
 MAT 364 \_\_\_\_ (Sec. Math Field)  
 MAT 401 \_\_\_\_ (Math History)  
 MAT 411 \_\_\_\_ (Algebra I)  
 MAT 414 \_\_\_\_ (Number Theory)  
 MAT 421 \_\_\_\_ (Statistics I)  
 MAT 441 \_\_\_\_ (Adv. Cal.)

#### II. MATHEMATICS DIRECTED ELECTIVES – 300 level or above; one applied, one analysis – (9 s.h.)

Course	Grade
_____	_____
_____	_____
_____	_____

#### III. COGNATE COURSES (11 s.h.)

CSC 141 \_\_\_\_ (Comp. Sci. I)  
 PHY 170 \_\_\_\_ (Physics I)  
 PHY 180 \_\_\_\_ (Physics II)

#### IV. PROFESSIONAL EDUCATION (28 s.h.)

EDA103 \_\_\_\_ (Spec. Ed. Foundations)  
 EDA304 \_\_\_\_ (Spec. Ed. Process)  
 HIS444 \_\_\_\_<sup>x</sup> (Ed. History)<sup>^</sup>  
 EDR347 \_\_\_\_ (Literacy)  
 EDP250 \_\_\_\_ (Ed Psych)  
 LAN/  
 ENG 382 \_\_\_\_<sup>x</sup> (Lang. Learn)<sup>\*</sup>  
 MAT350 \_\_\_\_ (Middle School Math Methods)  
 MAT360 \_\_\_\_ (Middle School Math Field)  
 EDS411 \_\_\_\_ (Student Teaching)  
 EDS412 \_\_\_\_ (Student Teaching)

<sup>^</sup>This requirement is met for HON students through HON 312.

<sup>\*</sup> This requirement is met for HON students through HON 322.

#### V. HON 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 Syst.) <sup>\*</sup>or  
 HON 322 \_\_\_\_ (Leading Change in Ed for ELLs)<sup>\*\*</sup>  
 HON 313 \_\_\_\_ (Public Opinion)  
 HON 314 \_\_\_\_ (Environmental Systems)  
 HON 315 \_\_\_\_ (Community & Arts)  
 MAT \_\_\_\_<sup>x</sup> \_\_\_\_<sup>^</sup>  
 SCI \_\_\_\_<sup>x</sup> \_\_\_\_<sup>^</sup>

#### NOTES:

<sup>\*</sup> HON312 fulfills requirement for EDF300/HIS444.

<sup>\*\*</sup> HON 322 fulfills requirement for ENG 382

<sup>^</sup> fulfilled from major program requirements

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

A) Two HON seminars at the 320 level or above

HON \_\_\_\_  
 HON \_\_\_\_

B) Capstone Project

HON 490 \_\_\_\_

**Total Credits: 128**

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

(Revised May 2017)