

West Chester University
Bachelor of Science in
Physics/Engineering
through the
Honors College
Advisement Sheet

Effective for students entering Fall 2017 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. PHYSICS REQUIREMENTS (32 s.h.)

- PHY 115 ____ (Graphics)
- PHY 116 ____ (Graphics II)
- PHY 170 ____ (Physics I)
- PHY 180 ____ (Physics II)
- PHY 240 ____ (Modern Physics)
- PHY 300 ____ (Mechanics)
- PHY 310 ____ (Inter. PHY Lab I)
- PHY 320 ____ (Inter. PHY Lab II)

PHY electives (9 hours) selected from or above the 300 level course under advisement:

II. MATHEMATICS & ADDITIONAL SCIENCE REQUIREMENTS (26 s.h.)

- MAT 161 ____ (Calculus)
- MAT 162 ____ (Calculus II)
- MAT 261 ____ (Calculus III)
- MAT 311 ____ (Linear Algebra)*
- MAT 343 ____ (Differential Eq.)
- CSC 141 ____ (Comp. Sci. I)
- CHE 103 ____ (Gen. Chem. I)
- CRL 103 ____ (Chem. Lab I)
- CHE 104 ____ (Gen. Chem. II)
- CRL 104 ____ (Chem. Lab II)

***Recommended, not required**

III. 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 and Civic Engagement)
 - HON 312 ____ (Educational Syst.) * **or**
 - HON 322 ____ (Eng. Language Learn)
 - HON 313 ____ (Public Opinion)
 - HON 314 ____ (Environ. Systems)
 - HON 315 ____ (Community & Arts)
 - MAT – ____ 3 hours *
 - SCI – ____ 3 hours*
- *(NOTE: fulfilled from major program requirements)

IV. ADDITIONAL HON COLLEGE REQUIREMENTS (9 s.h.)

A) Two HON seminars above the 320 level:

HON ____ ____

HON ____ ____

B) Senior/Capstone Project

HON 490 ____

V. DIRECTED ELECTIVES

Take enough directed electives to complete 120 credits. The actual number of electives required will vary depending upon (among other choices) the option to complete a double major and/or minor(s).

<u>Course</u>	<u>Grade</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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

NOTE: This program prepares students to participate in cooperative programs. Students completing the program earn a Bachelor of Physics from WCU and a Bachelor of Engineering from the engineering institution. West Chester University has cooperative agreements with The Pennsylvania State University at University Park, Philadelphia University, Case Western Reserve University, and Columbia University. Additional curriculum requirements may apply depending upon selected engineering major and engineering university

(Revised spring 2017)