

West Chester University

Bachelor of Science in Physics through the Honors College

Advisement Sheet

Effective for students entering Fall 2019
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 (47 s.h.)

- PHY 170 ____ (Physics I) 4
- PHY 180 ____ (Physics II) 4
- PHY 175 ____ (Computational
Physics) 3
- PHY 240 ____ (Modern Physics) 3
- PHY 300 ____ (Mechanics) 3
- PHY 310 ____ (Inter. PHY Lab I) 3
- PHY 320 ____ (Inter. PHY Lab
II) 3
- PHY 330 ____ (Electronics) 3
- PHY 350 ____ (Heat &
Thermodynamics) 3
- PHY 370 ____ (MAT Physics) 3
- PHY 420 ____ (Atomic PHY &
Quantum Mech.) 3
- PHY 430 ____ (Elect. & Mag.) 3

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

II. MATHEMATICS & ADDITIONAL SCIENCE REQUIREMENTS (26-29 s.h.)

- MAT 161 ____ (Calculus) 4
- MAT 162 ____ (Calculus II) 4
- MAT 261 ____ (Calculus III) 4
- MAT 311 ____ (Linear Algebra) 3

And

- MAT 343 ____ (Differential
Equations) 3

Or*

- MAT 315 ____ (Differential
Equations &
Linear Algebra) 3
- CHE 103 ____ (Gen. Chem. I) 3
- CRL 103 ____ (Chem. Lab I) 1
- CHE 104 ____ (Gen. Chem. II) 3
- CRL 104 ____ (Chem. Lab II) 1

*NOTE: Students taking MAT 315 can use that course to cover both MAT 311 and MAT 343.

III. HONORS 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 - ____x____ 3 hours *
- SCI - ____x____ 3 hours*

*(NOTE: fulfilled from major program requirements)

IV. 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.

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). We strongly advise considering a minor to make candidates more attractive for graduate school and employment.

Course	Grade
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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

(Revised spring 2019)