

**West Chester University**  
**B.S. in Pharmaceutical**  
**Product Development**  
**Honors College**  
**Advisement Sheet**

Effective for students entering Fall '19 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.*

The grade of C- or better is necessary in all required science and math courses.

**I. CHEMISTRY COURSES (22 s.h.)**

- CHE103 \_\_\_ (Gen. Chem. I)
- CRL103 \_\_\_ (Lab)
- CHE104 \_\_\_ (Gen. Chem. II)
- CRL104 \_\_\_ (Gen. Chem. Lab)
- CHE231 \_\_\_ (Organic I)
- CRL231 \_\_\_ (Organic Lab)
- CHE232 \_\_\_ (Organic II)
- CRL232 \_\_\_ (Organic II Lab)
- CHE476 \_\_\_ (Bio. Chem I)

**II. BIOLOGY CORE COURSES (22 s.h.)**

- BIO110 \_\_\_ (General Biology)
- BIO214 \_\_\_ (Gen. Microbiology)
- BIO220 \_\_\_ (Cell Physiology)
- BIO230 \_\_\_ (Genetics)
- BIL333 \_\_\_ (Molecular Bio Tech)
- BIO367 \_\_\_ (Drug Interaction)
- BIO469 \_\_\_ (Human Physiology)

**III. INTERDISCIPLINARY PPD COURSES (10 s.h.)**

- PPD481 \_\_\_ (Drug Design I)
- PPD482 \_\_\_ (Drug Design II)
- PPD483 \_\_\_ (Drug Design III)
- PPD484 \_\_\_ (Pharm. Co-op I)

**IV. SUPPORTING COURSES (20-21 s.h.)**

- SPK230 \_\_\_x\_ (Bus. Comm.)\*
- PHI371 \_\_\_x\_ (Bio. Ethics)\*\*
- ECO112 \_\_\_ (Micro. Economics)
- ENG371 \_\_\_x\_ (Tech. Writ.) **or**
- ENG375 \_\_\_x\_ (Work. Writ)\*\*\*
- PHY130 \_\_\_ (Gen. Physics I)
- PHY140 \_\_\_ (Gen. Physics II)
- MAT121 \_\_\_ (Statistics I)
- MAT143 \_\_\_ (Brief Calc.) **or**
- MAT161 \_\_\_ (Calculus I)
- STA311 \_\_\_ (Stat. Computing)

\*Met via HON211; \*\*Met via HON212

\*\*\* Imbedded/pre-admission

**V. PPD ELECTIVES (7 s.h.)** Chosen from the following in consultation with advisor

- BIO217 \_\_\_ (Zoology)
- BIO307 \_\_\_ (Pathophysiology)
- BIO314 \_\_\_ (Pathogenic Microbiology)
- BIO334 \_\_\_ (Micro. Genetics)
- BIO357 \_\_\_ (Vertebrate Anatomy)
- BIO421 \_\_\_ (Cellular Biology)
- BIO428 \_\_\_ (Animal Histology)
- BIO431 \_\_\_ (Molecular Genetics)
- BIO454 \_\_\_ (Mycology)
- BIO456 \_\_\_ (Virology)
- BIO464 \_\_\_ (Microbial Physiology)
- BIO465 \_\_\_ (Immunology)
- BIO467 \_\_\_ (Endocrinology)
- BIO484 \_\_\_ (Epidemiology)
- BLA201 \_\_\_ (Business Law)
- CHE321 \_\_\_ (Analytical Chem. I)
- CRL321 \_\_\_ (Analytical Chem. Lab)
- CHE333 \_\_\_ (Organic III)
- CHE403 \_\_\_ (Environmental Chem.)
- CHE424 \_\_\_ (Adv. Analytical)
- CRL424 \_\_\_ (Adv. Analytical Lab)
- CHE436 \_\_\_ (Polymer Chem.)
- CRL436 \_\_\_ (Polymer Chem. Lab)
- CRL476 \_\_\_ (Biochemistry Lab I)
- CHE477 \_\_\_ (Biochemistry II)
- CRL477 \_\_\_ (Biochemistry Lab II)
- CHE479 \_\_\_ (Toxicology)
- MAT162 \_\_\_ (Calculus II)
- MAT261 \_\_\_ (Calculus III)
- MAT421 \_\_\_ (Math. Statistics I)
- MAT422 \_\_\_ (Math. Statistics II)
- MKT200 \_\_\_ (Marketing Survey)
- PPD485 \_\_\_ (Pharm. Co-op II)
- PPD490 \_\_\_ (Special Topics)
- STA200 \_\_\_ (Statistics II)

**VI. 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 \_\_\_ (Leading Change ELL)
- HON 313 \_\_\_ (Public Opinion)
- HON 314 \_\_\_ (Environ. Systems)
- HON 315 \_\_\_ (Community & Arts)
- SCI \_\_\_x\_\*
- MAT \_\_\_x\_\*

\*NOTE: 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.

**VIII. DIRECTED ELECTIVES**

Take enough directed electives to complete 120 credits. The actual number of electives required will vary depending upon (among other things) the number of 3 vs. 4 hour courses taken to fulfill the major requirements.

Course	Grade
_____	_____
_____	_____
_____	_____
_____	_____

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