

# West Chester University

## B.S. in Biology – Integrative Concentration 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.*

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

#### I. BIOLOGY CORE COURSES (21 s.h.)

BIO110 \_\_\_\_ (General Biology)  
BIO215 \_\_\_\_ (Botany)  
BIO217 \_\_\_\_ (Zoology)  
BIO220 \_\_\_\_ (Cell Physiology)  
BIO230 \_\_\_\_ (Genetics)  
BIO270 \_\_\_\_ (Ecology)  
BIO409 \_\_\_\_ (Internship)\* **or**  
BIO490 \_\_\_\_ (Seminar) **or**  
BIO 491 \_\_\_\_ (Spec. Problems)

#### II. BIOLOGY ELECTIVES (21 s.h.)

(Selected under advisement, may be used to select a specific concentration.)

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

#### III. CHEMISTRY COURSES (17 s.h.)

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

#### IV. ADDITIONAL MATH/SCI. (14-15 s.h.)

PHY130 \_\_\_\_ (Gen. Physics I) **or**  
PHY170 \_\_\_\_ (Physics I)  
PHY140 \_\_\_\_ (Gen. Physics II) **or**  
PHY180 \_\_\_\_ (Physics II)  
MAT121 \_\_\_\_ (Statistics I)  
MAT161 \_\_\_\_ (Calculus I) **or**  
MAT143 \_\_\_\_ (Brief Calculus) **or**  
MAT145 \_\_\_\_ (Calc for Life Sci)

#### 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 Engagement)  
HON 312 \_\_\_\_ (Educational Systems) **or**  
HON 322 \_\_\_\_ (Leading with ELLs)  
HON 313 \_\_\_\_ (Public Opinion)  
HON 314 \_\_\_\_ (Environ. Systems)  
HON 315 \_\_\_\_ (Community & Arts)  
SCI \_\_\_\_x\_\_\_\_^  
MAT \_\_\_\_x\_\_\_\_^

^ NOTE: Fulfilled from major requirements.

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

A) Two HON seminars at the 320+ level or above:

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

B) Capstone Project

HON 490 \_\_\_\_\_

\* NOTE: BIO409 can be taken for 3-16 credits. Three may be used for the core and up to 5 may be used for BIO electives. No more than 8 total hours may count towards BIO major requirements.

\*\* CRL 232 is required for students wishing to enter into professional school.

#### 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 choice of electing minor(s).

Course	Grade
_____	_____
_____	_____
_____	_____
_____	_____

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

(Revised June 2017)