

West Chester University
B.S. Biomedical
Engineering through the
Honors College
Advisement Sheet

Effective for students entering Fall '23 and later.

140 CREDITS

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.*

I. BIOMEDICAL ENGINEERING CORE COURSES (56 s.h.)

- BME110 ___ (Intro. Biomed. Eng.)
- BME120 ___ (Intro. Eng. Design)
- BME220 ___ (Statics)
- BME230 ___ (Dynamics)
- BME310 ___ (Eng. Thermo.)
- BME315 ___ (BME Lab I)
- BME320 ___ (Biostatistics)
- BME325 ___ (BME Lab II)
- BME335 ___ (Biomaterials)
- BME345 ___ (Biotransport Phen.)
- BME355 ___ (Instrumentation)
- BME365 ___ (Biomechanics)
- BME410 ___ (Senior Design I)
- BME420 ___ (Senior Design II)
- BME450 ___ (Regulatory & GMP)
- BME455 ___ (Bioprocess Eng.)
- BME460 ___ (Biomedical Device)
- BME465 ___ (Cell Tissue Eng.)
- BME470 ___ (Technical El. III)

II. RELATED SCIENCE COURSES (33 s.h.)

- BIO110 ___ (General Bio. I)
- BIO265 ___ (Anatomy/Phys)
- CHE103 ___ (Gen. Chem. I)
- CRL103 ___ (Gen. Chem. Lab)
- CHE104 ___ (Gen. Chem. II)
- CRL104 ___ (Gen. Chem. Lab)
- CHE230 ___ (Org./Bio. Chem)
- PHY170 ___ (Physics I)
- PHY180 ___ (Physics II)
- ECO112 ___ (Microeconomics)
- PHI180 ___ (Intro Ethics)

III. MATHEMATICS COURSES (15 s.h.)

- MAT161 ___ (Calculus I)
- MAT162 ___ (Calculus II)
- MAT261 ___ (Calculus III)
- MAT315 ___ (Differential Eq.)

IV. 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 ___ (Leader. With ELLs)
- 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

VI. 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 addition of minor(s).

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

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

(Revised October 2023)