

Student ID: _____
 Student Name: _____
 Advisor Name: _____

Catalog: 2024-2025 Undergraduate Catalog
 Program: Natural Science, Disease and Human Health Option, BS/BA

Natural Science, Disease and Human Health Option, BS/BA

The Disease and Human Health option is designed for students planning to enroll in a graduate (M.S., Ph.D) program in epidemiology and public health or professional school in medical or human health care after completion of the baccalaureate degree.

A student must complete the following requirements in addition to the General Studies requirements. No grade lower than "C-" will satisfy major requirements.

Students wanting to pursue a Bachelor of Arts degree must complete the Additional BA Requirements.

Disease and Human Health Option Requirements

Natural Science Core Requirements

Organismal Biology

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 101 - Introductory Botany	4 Credit Hours			
BIOL 102 - Introductory Zoology	4 Credit Hours			
BIOL 301 - Microbiology	4 Credit Hours			
BIOL 311 - Evolution & Systematic Biology	3 Credit Hours			
BIOL 317 - Ecology	4 Credit Hours			
BIOL 404 - Genetics	3 Credit Hours			

Biological Chemistry

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 330 - Cellular Biology	3 Credit Hours			
CHEM 101 - General Chemistry I	4 Credit Hours			
CHEM 102 - General Chemistry II	4 Credit Hours			

Final Defense

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 495 - Senior Competency Exam	0 Credit Hours			

Natural Science Core Total: 33

Disease And Human Health Option

Human Systems Biology

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 210 - Human Anatomy	4 Credit Hours			
BIOL 312 - Human Physiology	4 Credit Hours			
BIOL 315 - Introductory Immunology	3 Credit Hours			

Biology of Disease:

Choose three (3) of the following courses:

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 340 - Virology	3 Credit Hours			
BIOL 385 - Disease & Epidemiology	3 Credit Hours			
BIOL 398 - Human Parasitology	4 Credit Hours			
HP 305 - Microscopic Monarchs: Disease in History	3 Credit Hours			

Capstone/Practicum:

Choose one (1) of the following courses:

Course Name	Credit Hours	Term Taken	Grade	Gen Ed
BIOL 412 - Experimental Biology	3 Credit Hours			
Or				
BIOL 490 - Undergraduate Research Thesis	3 Credit Hours			

Option Total: 23-24

Major Total: 56-57

*Entering freshmen majoring in Natural Science should enroll for BIOL 101 or BIOL 102, CHEM 101, and ENG 101 during their first semester at PSC.

Notes: