

Applied Public Health Emphasis

HUMAN BIOLOGY Major

Code	Title	Credits
Supporting Courses		41-44
BIOLOGY 201 & BIOLOGY 202	Principles of Biology: Cellular and Molecular Processes and Principles of Biology Lab: Cellular and Molecular Processes	
CHEM 207	Laboratory Safety	
CHEM 211 & CHEM 213	Principles of Chemistry I and Principles of Chemistry I Laboratory	
CHEM 212 & CHEM 214	Principles of Chemistry II and Principles of Chemistry II Laboratory	
ENG COMP 105	English Composition II: Composition and Rhetoric ¹	
HUM BIOL 204	Anatomy and Physiology	
HUM BIOL 217	Human Disease and Society	
MATH 104	Precalculus	
MATH 260	Introductory Statistics	
Select one (of 3) options: ²		
COMM 133 or COMM 166	Fundamentals of Public Address Fundamentals of Interpersonal Communication	
Any literature course, e.g., ENGLISH 104 Introduction to Literature		
FRENCH 102	Introduction to the French Language II	
GERMAN 102	Introduction to the German Language II	
SPANISH 102	Introduction to the Spanish Language II	
Upper-Level Courses		30
Required:		
BIOLOGY 302	Principles of Microbiology	
HUM BIOL 422	Immunology	
HUM BIOL 423	Immunology Lab	
HUM BIOL 322	Epidemiology	
HIMT 330	Healthcare I: Terminology & Body Systems	
NUT SCI 312	Quantity Food Production and Service	
NUT SCI 421	Community Nutrition	
Choose one:		
BIOLOGY 402	Advanced Microbiology	
HUM BIOL 427	Cancer Biology Laboratory	
Choose one:		
HIMT 310	Healthcare Systems and Organizations	
HIMT 360	Healthcare II: Survey of Disease & Treatments	
Select one option for organic chemistry:		
CHEM 300 & CHEM 301	Bio-Organic Chemistry and Bio-Organic Chemistry Laboratory	
CHEM 302 & CHEM 304	Organic Chemistry I and Organic Chemistry Laboratory I	
Additional Courses (NOT REQUIRED) to Consider		
HUM BIOL 495	Research in Human Biology	
HUM BIOL 497	Internship	
HUM BIOL 498	Independent Study	

Total Credits

71-74

¹ May be satisfied with an ACT English score of 32 or higher