

Human Biology Minor

Students must complete requirements in one of the following areas of emphasis:

- Applied Human Biology
- General Human Biology

Applied Human Biology

Code	Title	Credits
Supporting Courses		20
BIOLOGY 201 & BIOLOGY 202	Principles of Biology: Cellular and Molecular Processes and Principles of Biology Lab: Cellular and Molecular Processes	
CHEM 207	Laboratory Safety (must take at the same time OR before taking chemistry)	
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	
Select one (of 2) Anatomy and Physiology options:		
HUM BIOL 240 & HUM BIOL 241	Anatomy and Physiology and Anatomy and Physiology Lab	
or BOTH		
HUM BIOL 221 & HUM BIOL 222	Anatomy and Physiology I and Anatomy and Physiology II	
Upper-Level Courses		14-16
BIOLOGY 407 & BIOLOGY 408	Molecular Biology and Molecular Biology Laboratory	
OR		
CHEM 330 & CHEM 331	Biochemistry and Biochemistry Laboratory	
Choose one of the following courses:		
BIOLOGY 346	Comparative Physiology	
HUM BIOL 360 & HUM BIOL 361	Exercise Physiology and Human Physiology Lab - Exercise and Metabolism	
HUM BIOL 402	Human Physiology	
Electives		
Choose 7-8 credits of upper-level Biology, Chemistry, Human Biology or Nutritional Sciences courses with assistance of a faculty adviser.		
Total Credits		34-36

General Human Biology

Code	Title	Credits
Supporting Courses		15-20
BIOLOGY 201 & BIOLOGY 202	Principles of Biology: Cellular and Molecular Processes and Principles of Biology Lab: Cellular and Molecular Processes	
CHEM 207	Laboratory Safety (must take at the same time OR before taking chemistry)	
Select one (of 2) Anatomy and Physiology options:		
HUM BIOL 240 & HUM BIOL 241	Anatomy and Physiology and Anatomy and Physiology Lab	
or BOTH		
HUM BIOL 221 & HUM BIOL 222	Anatomy and Physiology I and Anatomy and Physiology II	
Select one (of 2) Chemistry options:		
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	
or		
CHEM 108 & CHEM 109	Survey of General, Organic and Biochemistry and Survey of General, Organic, and Biochemistry Laboratory	
Upper-Level Courses		12-13
Choose one course from each of the following areas:		
Genetics		
BIOLOGY 303 or HUM BIOL 310	Genetics Human Genetics	
Physiology		
HUM BIOL 402	Human Physiology	
OR		
HUM BIOL 360 & HUM BIOL 361	Exercise Physiology and Human Physiology Lab - Exercise and Metabolism	
Nutrition		
NUT SCI 300 or NUT SCI 350	Human Nutrition Life Cycle Nutrition	
Cell Biology		
BIOLOGY 323 or BIOLOGY 307	Principles of Microbiology Cell Biology	
Total Credits		27-33