

# Human Biology Minor

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

- Applied Human Biology
- General Human Biology

## Applied Human Biology

Code	Title	Credits
<b>Supporting Courses</b>		<b>20-23</b>
BIOLOGY 201	Principles of Biology: Cellular and Molecular Processes	
BIOLOGY 202	Principles of Biology Lab: Cellular and Molecular Processes	
CHEM 207	Laboratory Safety	
CHEM 211	Principles of Chemistry I	
CHEM 212	Principles of Chemistry II	
CHEM 213	Principles of Chemistry I Laboratory	
CHEM 214	Principles of Chemistry II Laboratory	
<b>Anatomy and Physiology options (choose one):</b>		
HUM BIOL 240 & HUM BIOL 241	Anatomy and Physiology and Anatomy and Physiology Lab	
HUM BIOL 221 & HUM BIOL 222	Anatomy and Physiology I and Anatomy and Physiology II	
<b>Upper-Level Courses</b>		<b>14-16</b>
<b>Molecular Biology or Biochemistry options (choose one):</b>		
BIOLOGY 407 & BIOLOGY 408	Molecular Biology and Molecular Biology Laboratory	
CHEM 330 & CHEM 331	Biochemistry and Biochemistry Laboratory	
<b>Physiology options (choose one):</b>		
BIOLOGY 346	Comparative Physiology	
HUM BIOL 360 & HUM BIOL 361	Exercise Physiology and Human Physiology Lab - Exercise and Metabolism	
HUM BIOL 402	Human Physiology	
<b>Electives</b>		
Choose 7-8 credits of upper-level Biology, Chemistry, Human Biology or Nutritional Sciences courses with assistance of a faculty adviser.		
<b>Total Credits</b>		<b>34-39</b>

## General Human Biology

Code	Title	Credits
<b>Supporting Courses</b>		<b>14-23</b>
BIOLOGY 201	Principles of Biology: Cellular and Molecular Processes	
BIOLOGY 202	Principles of Biology Lab: Cellular and Molecular Processes	
CHEM 207	Laboratory Safety	
<b>Anatomy and Physiology options (choose one):</b>		
HUM BIOL 240 & HUM BIOL 241	Anatomy and Physiology and Anatomy and Physiology Lab	
HUM BIOL 221 & HUM BIOL 222	Anatomy and Physiology I and Anatomy and Physiology II	
<b>Chemistry options (choose one):</b>		

CHEM 211  
& CHEM 212  
& CHEM 213  
& CHEM 214

Principles of Chemistry I  
and Principles of Chemistry II  
and Principles of Chemistry I Laboratory  
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 Genetics

HUM BIOL 310 Human Genetics

**Physiology**

HUM BIOL 402 Human Physiology

HUM BIOL 360 Exercise Physiology

& HUM BIOL 361 and Human Physiology Lab - Exercise and Metabolism

**Nutrition**

NUT SCI 300 Human Nutrition

NUT SCI 350 Life Cycle Nutrition

**Cell Biology**

BIOLOGY 323 Principles of Microbiology

BIOLOGY 307 Cell Biology

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**Total Credits**

**26-36**