

## Lower Division Requirements

*The courses circled below are preparatory core courses and must be completed prior to enrolling in HPHY 321 and 322*

### BIOLOGY

BI 211

OR Honors Biology

BI 212

BI 213 OR 214

### CHEMISTRY

CH 221

OR Honors Chemistry

CH 222

CH 223

### CHEMISTRY LAB

CH 227

CH 228

CH 229

OR

### PHYSICS LAB

PHYS 204

PHYS 205

PHYS 206

### PHYSICS

PHYS 201

PHYS 202

PHYS 203

### MATH

Math 246 OR 251

### MEDICAL TERMINOLOGY

HPHY 211

### EVIDENCE, INFERENCE, & BIOSTATISTICS

HPHY 212

## Anatomy & Physiology Core

HPHY 321 – Human Anatomy I

HPHY 322 – Human Physiology I

HPHY 323 – Human Anatomy II

HPHY 324 – Human Physiology II

HPHY 325 – Anatomy & Physiology III

HPHY 371 – Physiology of Exercise



# Upper Division Electives

Required: 16 upper division credits

## **LIST A** *minimum 2 courses*

ANTH 362 Human Biological Variation  
ANTH 366 Human Osteology  
ANTH 369 Human Growth and Development  
ANTH 459 Advanced Evolutionary Medicine  
BI 309 Diseases of Africa  
BI 320 Molecular Genetics  
BI 322 Cell Biology  
BI 358 Investigations in Medical Physiology  
BI 360 Neurobiology  
BI 410 HIV/AIDS in Africa  
CH 360 Physiological Biochemistry  
CH 462 Biochemistry  
HPHY 333 Motor Control  
HPHY 335/399 Pathophysiology  
HPHY 337/399 Clinical Pharmacology  
HPHY 362 Tissue Injury and Repair  
HPHY 374/399 Clinical ECG and Exercise  
HPHY 375/399 Metabolism and Nutrition  
HPHY 381 Biomechanics

*List C may be fulfilled either by taking an additional course from List A or B, or by completing 4 credits from the list below*

## **LIST C**

HPHY 401 Research  
HPHY 403 Thesis  
HPHY 404 Internship  
HPHY 405 Reading and Conference  
HPHY 406 Special Problems  
HPHY 408 Workshop  
HPHY 409 Practicum  
HPHY 420 Human Cadaver Dissection

## **LIST B** "Capstones" *minimum 1 course*

HPHY 410 (new capstone courses awaiting a permanent number)  
HPHY 410 Dilemmas in Practicing Healthcare  
HPHY 411/410 Human Immunity and Infectious Diseases  
HPHY 412 Sleep Physiology  
HPHY 413 Muscle Structure, Function, and Plasticity  
HPHY 414 Muscle Metabolism  
HPHY 422/410 Physiology of Obesity  
HPHY 433 Neurophysiology of Concussion  
HPHY 434 Movement Disorders  
HPHY 435/410 Physiology of Fatigue  
HPHY 444/410 Clinical Anatomy  
HPHY 460 Lumbar and Pelvic Functional Anatomy  
HPHY 462 Therapeutic Techniques  
HPHY 470 Environmental Physiology  
HPHY 472/410 Science of Athletic Performance  
HPHY 473 High Altitude Physiology and Medicine  
HPHY 480 Technology Development in Human Physiology  
HPHY 485 Gait Analysis  
HPHY 486 Orthopedic Biomechanics

All HPHY major requirements must be completed with a grade of C or better.

For recent course additions or changes please visit the HPHY office in Esslinger 122 or check the HPHY website: <http://physiology.uoregon.edu>.

All courses used to satisfy the major requirements must be taken for a letter grade, with the exception of those where pass/no-pass is the only option. Students must maintain a 2.0 cumulative GPA, and a 2.0 GPA in courses required for the major.