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
BI 212
BI 213 OR 214

CHEMISTRY

CH 221
CH 222
CH 223

CHEMISTRY LAB

CH 227
CH 228 OR
CH 229

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 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

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

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.