

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

OR Honors Biology

CHEMISTRY

CH 221

CH 222

CH 223

OR Honors Chemistry

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

SCIENTIFIC INVESTIGATIONS IN PHYSIOLOGY

HPHY 212

Anatomy & Physiology Core

"In residence" requirement (must be taken at U of O)

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
1 must have a HPHY prefix

HPHY 333 Motor Control
HPHY 337 Clinical Pharmacology
HPHY 362 Tissue Injury and Repair
HPHY 374/399 Clinical ECG and Exercise
HPHY 375/399 Metabolism and Nutrition
HPHY 381 Biomechanics
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
CH 360 Physiological Biochemistry
CH 462 Biochemistry

LIST C - *List C options offer variable credit. Up to four credits may be counted towards the 16 upper division elective credits required by the major.*

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 411 Scientific Teaching
HPHY 420 Human Cadaver Dissection

LIST B "Capstones" minimum 1 course

HPHY 410 (new capstone courses awaiting a permanent number)
HPHY 412 Sleep Physiology
HPHY 413 Muscle Structure, Function, and Plasticity
HPHY 414 Muscle Metabolism
HPHY 422 Physiology of Obesity
HPHY 423 Physiology of Aging
HPHY 432/410 Neural Development
HPHY 433 Neurophysiology of Concussion
HPHY 434 Movement Disorders
HPHY 435 Physiology of Fatigue
HPHY 436/410 Clinical Neuroscience
HPHY 444/410 Clinical Anatomy
HPHY 462 Therapeutic Techniques
HPHY 470 Environmental Physiology
HPHY 472 Science of Athletic Performance
HPHY 473 High Altitude Physiology and Medicine
HPHY 485 Gait Analysis
HPHY 486 Orthopedic Biomechanics

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

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.

Required courses may be repeated only once, including attempts resulting in a grade of "W".