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 BI 214

**CHEMISTRY**
- CH 221
- CH 222
- CH 223

**CHEMISTRY LAB**
- CH 227
- CH 228
- CH 229

**PHYSICS LAB**
- PHYS 204
- PHYS 205
- PHYS 206

**PHYSICS**
- PHYS 201
- PHYS 202
- PHYS 203

**MEDICAL TERMINOLOGY**
- HPHY 211

**EVIDENCE, INFERENCE, & BIOSTATISTICS**
- 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

- HPHY 333 Motor Control
- HPHY 335/399 Pathophysiology
- 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
- BI 410 HIV/AIDS in Africa
- CH 360 Physiological Biochemistry
- CH 462 Biochemistry

**LIST B**  “Capstones”  minimum 1 course

- HPHY 410 (new capstone courses awaiting a permanent number)
- HPHY 410 Physiology of Aging
- HPHY 411/410 Human Immunity and Infectious Diseases
- HPHY 412 Sleep Physiology
- HPHY 413 Muscle Structure, Function, and Plasticity
- HPHY 414 Muscle Metabolism
- HPHY 415/410 Neural Development
- HPHY 422 Physiology of Obesity
- HPHY 433 Neuropysiology of Concussion
- HPHY 434 Movement Disorders
- HPHY 435 Physiology of Fatigue
- 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 480 Technology Development in Human Physiology
- HPHY 485 Gait Analysis
- HPHY 486 Orthopaedic Biomechanics

**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 420 Human Cadaver Dissection

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”. 