## 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 **229**

### Physics Lab
- **PHYS 204**
- **PHYS 205**
- **PHYS 206**

### Physics
- **PHYS 201**
- **PHYS 202**
- **PHYS 203**

### 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
effective Fall 2020 for incoming majors

- 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 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

**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

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”.