Lower Division Requirements

<table>
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<th>BIOLOGY</th>
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<th>CHEMISTRY</th>
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<tr>
<td>BI 211</td>
<td>BI 281H</td>
<td>CH 221</td>
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<td>BI 212</td>
<td>BI 282H</td>
<td>CH 222</td>
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<td>BI 213 OR 214</td>
<td>BI 283H</td>
<td>CH 223 OR 214</td>
<td>CH 226H</td>
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<tr>
<th>CHEMISTRY LAB</th>
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<th>MATH</th>
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<tr>
<td>CH 227</td>
<td>PHYS 204</td>
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<td>PHYS 206</td>
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<th>MEDICAL TERMINOLOGY</th>
<th>EVIDENCE, INference, &amp; BIOSTATISTICS</th>
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<td>HPHY 211</td>
<td>HPHY 212</td>
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The courses circled above are preparatory core courses and must be completed prior to enrolling in the HPHY 321 and 322

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 362 Tissue Injury and Repair
HPHY 381 Biomechanics
HPHY 399 (14F or after) Special Studies

LIST B  "Capstones" minimum 1 course
HPHY 410 Human Immunity and Infectious Diseases
HPHY 410 Physiology of Obesity
HPHY 410 Science of Athletic Performance
HPHY 410 Technology Development in Human Physiology
HPHY 412 Sleep Physiology
HPHY 413 Muscle Structure, Function, and Plasticity
HPHY 414 Muscle Cell Metabolism
HPHY 417 Hypertension
HPHY 419 Alternative and Complementary Medicine
HPHY 421 Pathophysiology
HPHY 433 Neurophysiology of Concussion
HPHY 434 Movement Disorders
HPHY 441 Clinical Exercise Physiology
HPHY 442 Clinical Electrocardiograph
HPHY 443 Clinical Pharmacology
HPHY 460 Lumbar and Pelvic Functional Anatomy
HPHY 462 Therapeutic Techniques
HPHY 470 Environmental Physiology
HPHY 472 Advanced Labs in Exercise Physiology
HPHY 473 High Altitude Physiology and Medicine
HPHY 475 Science of Athletic Performance
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

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

Each of the courses used to satisfy the major requirements must be taken for a letter grade, except for HPHY 401, 403, 404, 405, 408, 409, and 420 for which only pass/no-pass is available. Students must maintain a 2.0 cumulative GPA, and a 2.0 GPA in courses required for the major. All HPHY major requirements must be completed with a grade of C or better.