APPLIED EXERCISE SCIENCE: PRE-PROFESSIONAL, BS

Requirements for Students Matriculating in or before Academic Year 2018-2019. Learn more about University Academic Regulation 3.1 (http://catalog.okstate.edu/university-academic-regulations/#matriculation).

Minimum Overall Grade Point Average: 3.00
Total Hours: 120

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>or ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
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<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
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<tr>
<td>ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
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<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
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American History & Government

Select one of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1103</td>
<td>Survey of American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1483</td>
<td>American History to 1865</td>
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<tr>
<td>HIST 1493</td>
<td>American History Since 1865</td>
<td></td>
</tr>
<tr>
<td>POLS 1113</td>
<td>American Government</td>
<td>3</td>
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Analytical & Quantitative Thought (A)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>MATH 1513</td>
<td>College Algebra (A)</td>
<td>3</td>
</tr>
<tr>
<td>or MATH 1613</td>
<td>Trigonometry (A)</td>
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</tr>
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</table>

Humanities (H)

Courses designated (H) 6

Natural Sciences (N)

Must include one Laboratory Science (L) course

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1114</td>
<td>Introductory Biology (LN)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1215</td>
<td>Chemical Principles I (LN)</td>
<td>4</td>
</tr>
<tr>
<td>or CHEM 1314</td>
<td>Chemistry I (LN)</td>
<td></td>
</tr>
</tbody>
</table>

Social & Behavioral Sciences (S)

Course designated (S) 3

Additional General Education

Courses designated (A), (H), (N), or (S) 8

Hours Subtotal 40

Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course

Select at least one International Dimension (I) course

College/Departmental Requirements

Minimum GPA 3.00 with a minimum grade of “C”

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EDUC 1111</td>
<td>First Year Seminar</td>
<td>1</td>
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<tr>
<td>Select one of the following:</td>
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<tr>
<td>STAT 2013</td>
<td>Elementary Statistics (A)</td>
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<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>STAT 2023</td>
<td>Elementary Statistics for Business and Economics (A)</td>
<td>4</td>
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<tr>
<td>STAT 2053</td>
<td>Elementary Statistics for the Social Sciences (A)</td>
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</tr>
</tbody>
</table>

Hours Subtotal 4

Major Requirements

Minimum GPA of 3.00 with a minimum grade of “C” or “P” in each course

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>HHP 2553</td>
<td>Basic Athletic Injury Management</td>
<td>3</td>
</tr>
<tr>
<td>HHP 2654</td>
<td>Applied Anatomy</td>
<td>4</td>
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<tr>
<td>HHP 2802</td>
<td>Medical Terminology for the Health Professions</td>
<td>2</td>
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<tr>
<td>HHP 3114</td>
<td>Physiology of Exercise</td>
<td>4</td>
</tr>
<tr>
<td>HHP 3223</td>
<td>Motor Learning</td>
<td>3</td>
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<tr>
<td>HHP 3663</td>
<td>Biomechanics</td>
<td>3</td>
</tr>
<tr>
<td>HHP 4773</td>
<td>Principles of Exercise Testing and Prescription</td>
<td>3</td>
</tr>
<tr>
<td>HHP 3123</td>
<td>Principles of Personal Training</td>
<td>3</td>
</tr>
<tr>
<td>or HHP 4123</td>
<td>Principles of Strength and Conditioning</td>
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<tr>
<td>HHP 4480</td>
<td>Internship in Health and Human Performance (2 hours)</td>
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<tr>
<td>BIOI 3653</td>
<td>Survey of Biochemistry</td>
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<tr>
<td>CHEM 1225</td>
<td>Chemical Principles II (LN)</td>
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<tr>
<td>or CHEM 1515</td>
<td>Chemistry II (LN)</td>
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<tr>
<td>CHEM 3015</td>
<td>Survey of Organic Chemistry</td>
<td>5</td>
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<tr>
<td>NSCI 2114</td>
<td>Principles of Human Nutrition (N)</td>
<td>4</td>
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<tr>
<td>NSCI 4133</td>
<td>Nutrition for Exercise and Sport</td>
<td>3</td>
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<tr>
<td>or NSCI 4323</td>
<td>Human Nutrition and Metabolism</td>
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<tr>
<td>PHYS 1114</td>
<td>College Physics I (LN)</td>
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<tr>
<td>BIOL 1604</td>
<td>Animal Biology</td>
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<tr>
<td>BIOL 3204</td>
<td>Physiology</td>
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<tr>
<td>BIOL 4215</td>
<td>Mammalian Physiology</td>
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<tr>
<td>BIOL 4223</td>
<td>Mammalian Physiology Laboratory</td>
<td>3</td>
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</table>

Hours Subtotal 67

Electives

Select 9 hours

Hours Subtotal 9

Total Hours 120

Elective Suggestions

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>NSCI 3223</td>
<td>Nutrition Across the Life Span</td>
<td>3</td>
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<tr>
<td>NSCI 3543</td>
<td>Food and the Human Environment (IS)</td>
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<tr>
<td>HHP 4480</td>
<td>Internship in Health and Human Performance (additional internship hours)</td>
<td>1-12</td>
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<tr>
<td>HLTH 4783</td>
<td>Health Issues in Gerontology</td>
<td>3</td>
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<tr>
<td>BIOL 3933</td>
<td>Research Methods</td>
<td>3</td>
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<tr>
<td>MICR 3033</td>
<td>Cell and Molecular Biology</td>
<td>3</td>
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<tr>
<td>PHIL 3833</td>
<td>Biomedical Ethics (H)</td>
<td>3</td>
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<tr>
<td>PSYC 3013</td>
<td>Psychology of Motivation</td>
<td>3</td>
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<tr>
<td>RMRT 2443</td>
<td>Contemporary Issues in Diversity (DS)</td>
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<tr>
<td>STAT 4013</td>
<td>Statistical Methods</td>
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<tr>
<td>BIOL 3123</td>
<td>Human Heredity (N)</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Hours</td>
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<tr>
<td>-------------</td>
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<tr>
<td>BIOL 3214</td>
<td>Human Anatomy</td>
<td>4</td>
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<tr>
<td>BIOL 4253</td>
<td>Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 4283</td>
<td>Endocrinology</td>
<td>3</td>
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</tbody>
</table>

**Other Requirements**

- 40 hours of upper-division course work.
- Documentation of current first aid/CPR certification prior to completion of HHP 4480 Internship in Health and Human Performance.
- Required for graduation:
  - a. 3.00 Overall GPA;
  - b. 3.00 Overall GPA for enrollment in HHP 4480 Internship in Health and Human Performance;
  - c. 3.00 Overall GPA in College/Departmental Requirements; and
  - d. 3.00 Grad/Ret GPA in Major Requirements.
- The student must earn minimum grades of “C” or “P” in the College/Departmental Requirements and Major Requirements.

**Additional State/OSU Requirements**

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2024.