Pre-Athletic Training

http://www.pacificu.edu/future-graduate-professional/colleges/college-health-professions/areas-study/athletic-training

Athletic trainers are healthcare professionals who work with physicians to optimize their patients’ activity. They provide physical medicine, prevent and diagnose injury, and treat and rehabilitate acute and chronic issues that would impair or limit their patients’ physical functioning.

Certification and licensure/registration as an athletic trainer requires, at minimum, a degree in athletic training from an accredited college or university. According to the National Athletic Trainers Association, about 70 percent of working athletic trainers in the United States hold at least a master’s degree.

The Pacific University athletic training program offers an entry-level master of science degree in athletic training

Admission Requirements

- Last 45 credits GPA must be 2.75 or higher
- Two letters of recommendation, one must be from a certified athletic trainer (ATC)
- Minimum of 50 hours of work, volunteering and/or observation with an ATC

Prerequisite coursework: The following prerequisite courses or their equivalent must be completed prior to admission to the professional program. (Students may be enrolled in prerequisite courses at the time of application)

- Complete series in anatomy and physiology (with any associated lab experiences). These courses may be completed either as a combined series, or as separate courses. (BIOL 224 & 240)
- Anatomical Kinesiology/Biomechanics (EXIP 345)
- Exercise Physiology (EXIP 385)
- General Psychology (PSYC 150 or EXMB 333)
- Basic Nutrition (EXIP 281)
- Statistics (MATH 207, PSY 352, or SOC 301)

Other preferred courses include:

- Physics
- Motor Control
- Care and Prevention of athletic injuries
- Medical Terminology
- Health and Wellness
Exercise Science-Motor Behavior and Athletic Training: A 3+2 Program

Exercise Science / Athletic Training

The College of Health Professions offers entry-level graduate clinical education in Athletic Training (AT) that articulates with Exercise Science. It consists of three years of study in the College of Arts and Sciences (A&S) and two years of study in the clinical program. This 3/2 pathway is integrated with the EXMB emphasis and available only to students accepted to the highly selective AT program. To utilize this route, all A&S core requirements (except capstone), all AT prerequisites, specified ExSci classes, and a minimum of 93 total credits shall be completed by the end of the 3rd academic year. During the junior fall, students may apply to begin AT clinical studies for the 4th academic year. If accepted, specific coursework successfully completed according to AT program standards during the first clinical year will satisfy the remaining requirements for the Exercise Science-Motor Behavior degree. These students must deliver a formal public presentation of their first year clinical internship experiences to complete the A&S Capstone requirement. If a student is not accepted into the AT program, s/he will have the opportunity to complete the Motor Behavior emphasis during the traditional time-frame with few complications.

<table>
<thead>
<tr>
<th>Course Code/Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EXMB 200 Exercise Science Foundations</td>
<td>2</td>
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<tr>
<td>BIOL 200* Biology: Flow of Energy</td>
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<tr>
<td>HBIO 230 &amp; 231 Human Anatomy &amp; Physiology</td>
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<tr>
<td>Statistics MATH207 or SOC301 or PSY350</td>
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<tr>
<td>EXMB 105 First Aid</td>
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<td>EXMB 205 Care &amp; Prevention of Athletic Injuries</td>
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<td>EXIP 281 Nutrition (or AT 570)</td>
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<tr>
<td>EXIP 345 Biomechanics with Lab</td>
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<td>EXIP 365 Perceptual Motor Learning</td>
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<tr>
<td>EXIP 385 Exercise Physiology with Lab</td>
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<tr>
<td>Complete 12 credits from:</td>
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<tr>
<td>EXMB 333 Psychology of Human Movement (or AT 520)</td>
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<tr>
<td>EXMB 336 Sociology of Human Movement</td>
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<tr>
<td>EXMB 315 Adapted Physical Activity</td>
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<td>EXMB 366 Human Motor Development</td>
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<td>HBIO 440 Adv Human Anatomy</td>
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<td>Research Component</td>
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<td>AT 550 Research Methods</td>
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<td>AT 560 Evidence-Based Practice</td>
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<tr>
<td>AT 540 &amp; 541 Clinical Internship I &amp; II</td>
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<td>Other courses to meet ExSci &amp;/or Arts &amp; Sciences requirements</td>
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<tr>
<td>AT 510 Physical Agents &amp; Mechanical Modalities</td>
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<tr>
<td>AT 531 Prevention &amp; Treatment of Athletic Injury II</td>
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</tr>
<tr>
<td>AT 502 &amp; 503 Eval &amp; Treatment of Orthopedic &amp; Athletic Injury</td>
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