

West Liberty University  
 Bachelor of Science in Athletic Training  
 Pre-Professional Track

The Athletic Training Program (ATP) is designed to prepare those students for eligibility to sit for the National Board of Certification (BOC) exam upon successful completion of the undergraduate curriculum. After passing the exam, the student can pursue employment in a wide variety of settings and practice as a nationally certified athletic trainer (ATC).

In addition, the WLU ATP offers a Pre-Professional track, which is specifically designed for the student interested in pursuing a postgraduate degree in a health care related field. It includes courses, which will help the student fulfill most pre-requisites for application to graduate programs such as, but not limited to physician assistant, physical therapy, occupational therapy, and chiropractic. It is the students' responsibility to comply with the admission requirements from the graduate program with which they apply and assure that all pre-requisites are met.

**The following courses are to be completed during the freshman year: (9 Hours)**

PE 240 Anatomy & Physiology/Lab  
 SDE 232 First Aid & Emergency Services **OR** SDE 252 EMT

**The following courses are also to be completed in the sophomore - senior years: (67 Hours)**

EP 450 Biomechanics (sophomore year)  
 PE 326 Tests, Measurements, & Research Design (freshman, sophomore, or junior year)  
 PE 345 Exercise Physiology (sophomore year)

Freshman	SOPHOMORE	JUNIOR	SENIOR
AT 100 Introduction to Athletic Training AT 115 Kinesiology for Athletic Training	AT 200 AT Clinical Pract I AT 205 AT Clinical Pract II AT 220 AT Taping & Bracing AT 225 Therapeutic Modalities	AT 300 AT Clinical Pract III AT 305 AT Clinical Pract IV AT 330 Rehabilitation of Lower Extr Athletic Injuries AT 335 Rehabilitation of Upper Extr Athletic Injuries AT 340 Orthopedic Assessment of the Lower Extremity AT 345 Orthopedic Assessment of the Upper Extremity AT 355 General Medical Conditions in Athletic Training	AT 400 AT Clinical Pract V AT 405 AT Clinical Pract VI AT 410 Seminar in AT AT 420 AT-A Problem-Based Approach I AT 425 AT-A Problem-Based Approach II AT 435 Administrative Aspects of Athletic Training AT 445 AT Capstone

**PRE-PROFESSIONAL TRACK: (26 Hours)**

CHEM 112/113 General Chemistry II/Lab – 4hrs  
 BIO 302/303 Human Anatomy&Phys I/Lab – 4hrs  
 BIO 328/334 Human Anatomy&Phys II/Lab – 4hrs  
 PHYS 101/110 Elementary Physics I/Lab – 4hrs  
 PHYS 102/111 Elementary Physics II/Lab – 4hrs  
 MATH 145 Pre-Calculus – 3hrs  
 PSYCH 252 Lifespan Development – 3hrs

## Course of Study for a Bachelor of Science in Athletic Training

### Pre-Professional Track

<p><b><u>Fall – Freshman</u></b></p> <p>BIO 124/125- Biological Principles (4)            PE 240 Anatomy &amp; Physiology (3)            CHEM 110/111 (4)            *AT 100- Introduction to Athletic Training (3)            COLL 101 First Year Experience (2)</p> <p>16 hrs.</p>	<p><b><u>Spring- Freshman</u></b></p> <p>SDE 232- First Aid and Safety or SDE 252 EMT (3)            COM 101- Communications (3)            CHEM 112/113 (4)            ENG 101 (3)            *AT 115 – Kinesiology for Athletic Training (3)            PE 326-Tests, Measure, &amp; Research Design (2)</p> <p>18 hrs.</p>
<p><b><u>Fall- Sophomore</u></b></p> <p>*AT 200 Athletic Training Clinical Practicum I (1)            *AT 220- Athletic Training &amp; Bracing (3)            PE 345 Physiology of Sport &amp; Exercise I (3)            MATH 145- Pre Calculus (3)            ENG 102 (3)            BIO 302/303- A&amp;P I (4)</p> <p>17 hrs.</p>	<p><b><u>Spring –Sophomore</u></b></p> <p>*AT 205- Athletic Training Clinical Practicum II(1)            *AT 225- Therapeutic Modalities (3)            EP 450- Biomechanics (3)            GEO 205/206 (3)            PSYCH 101- Introduction to Psychology (3)            *BIO 328/334- A&amp;P II (4)</p> <p>17 hrs.</p>
<p><b><u>Fall- Junior</u></b></p> <p>*AT 300- Athletic Training Clinical Practicum III (2)            *AT 330- Rehab of Lower Ext Athletic Injuries (3)            *AT 340- Ortho Assessment of the Lower Body (3)            Any literature course with ENG prefix (3)            PHYS 101/110- Elementary Physics I/Lab (4)            PSYCH 252 Lifetime Development (3)</p> <p>18 hrs.</p>	<p><b><u>Spring -Junior</u></b></p> <p>*AT 305- Athletic Training Clinical Practicum IV(2)            *AT 335- Rehab of Upper Ext Athletic Injuries (3)            *AT 345- Ortho Assessment of the Upper Body (3)            *AT 355- General Medical Conditions in Athletic Training (3)            PHIL/REL/or foreign language (3)            *PHYS 102/111- Elementary Physics II/Lab (4)</p> <p>18 hrs.</p>
<p><b><u>Fall- Senior</u></b></p> <p>*AT 400- Athletic Training Clinical Practicum V (2)            *AT 410- Seminar in Athletic Training (2)            *AT 420-PBL in Athletic Training (3)            HIS 103/104/210/211 (3)            FA/ART/MUS (3)            SOC 150- Introduction to Sociology (3)</p> <p>16 hrs.</p>	<p><b><u>Spring -Senior</u></b></p> <p>*AT 405- Athletic Training Clinical Practicum VI (2)            *AT 425- PBL in Athletic Training (3)            *AT 435-Administrative Aspects of AT (2)            *AT 445- Athletic Training Capstone (3)            MATH 160- Statistics (3)            GBUS 140- Introduction to Business (3)</p> <p>16 hrs.</p>

\* Fall/Spring class only