

Dual Degree  
Program in

# Athletic Training & Biology



IN COLLABORATION WITH WEST CHESTER UNIVERSITY

MILLERSVILLE  
UNIVERSITY



The dual degree program is offered through Millersville University and West Chester University. Millersville University students who wish to obtain a degree in Biology/Pre-Athletic Training will simultaneously complete the Athletic Training degree requirements at West Chester University. Students will meet the general education, biology and pre-athletic training requirements at Millersville. Athletic Training credits will be earned via distance learning technologies and one summer of mandatory courses at West Chester. Upon completion, students will earn two bachelor degrees from two universities in four years.

Students will complete clinical education requirements with Millersville University ATCs as they perform their duties from pre-season camp through playoffs. Pucillo Gymnasium is the base of operations while an additional athletic training room is located at Beimesderfer Stadium.

Students in this program will be enrolled in both Millersville and West Chester Universities, and must complete all curriculum requirements in order to graduate from the dual degree program. No other curricula, courses, or combinations thereof will satisfy requirements for graduation from this program. Upon admission to Millersville University qualified students will be invited to interview for admittance into the dual degree program. Minimum guidelines to qualify for an interview include:

- Combined SAT score of 1070 and/or class rank in the top 20% of the high school class
- High school coursework in science (biology, chemistry, and/or physics), and advanced mathematics
- Experience in high school athletics as a participant and/or student athletic trainer aide is preferred
- Letters of recommendation from certified athletic trainers, physicians, or coaches and teachers may be submitted but are not required

- Wellness [WELL 175]
- Kinesiology [WSSD 450]
- Exercise Physiology [WSSD 591]
- Intro to Chemistry I, II [CHEM 111, and CHEM 112]
- Physics I, II [PHYS 131 and PHYS 132]
- General Biology [BIOL 100]
- Introduction to Psychology [PSYC 100]
- Biometry [BIOL 375]
- Performance Enhancement [WSSD 486]
- Nutrition [BIOL 256]
- Technical Writing [ENG 312]
- First Aid and CPR [WSSD 311]
- Zoology [BIOL 211]
- Calculus [MATH 161]
- Cell Biology [BIOL 263]
- Organic Chemistry [CHEM 235]
- Biochemistry I [CHEM 326]
- Athletic Training Techniques & Surface Anatomy Lab [WSSD 390]

**The courses listed below are taken at Millersville University in a high-tech classroom.**

- Foundations of Sports Medicine [SMD 100]
- Pathology/Evaluation for Athletic Training I [SMD 212]
- History, Organization and Admin. of Athletic Training [SMD 414]
- Athletic Injury Management I, II, III, IV [SMD 315, 316, 417, 418]
- Theories and Practices of Conditioning for Athletes [SMD 454]

- Human Anatomy & Physiology [BIOL 254, and BIOL 255]

**The courses listed below are conducted at West Chester University in the summer following the sophomore year.**

- Therapeutic Modalities for Athletic Training with Lab [SMD 310, and SML 310]
- Therapeutic Exercise for Athletic Training with Lab [SMD 311, and SML 311]
- Pathology/Evaluation for Athletic Training II, III [SMD 312, and 313]

*“The dual degree program is specifically designed to go beyond what other athletic training degree programs typically offer.”*

Many students today desire to become “dual credentialed,” that is, they wish to combine their ATC credential with other meaningful careers such as Physical Therapy, Occupational Therapy, Physician Assistant, Chiropractic, Podiatry, Nursing, or Medicine. Earning a dual credential not only increases job satisfaction, but also enhances future earnings and marketability.

The dual degree program, with its emphasis on biological sciences is a perfect gateway into allied health or medical school programs available at other colleges and universities after graduation. In fact, only one additional course is needed to complete all the prerequisites for medical school.

The healthcare industry needs individuals with multifaceted talents. The classes and clinical experiences required for an athletic training degree combined with a biology degree enables graduates to be more marketable than individuals who have earned only a traditional athletic training degree.





Certified Athletic Trainers (ATC) are specialists in the prevention, assessment, treatment and rehabilitation of sports injuries. The ATC works in a variety of settings including high schools, colleges/universities, hospitals, professional sports, sports medicine clinics, and corporate settings. The profession continues to grow and encompasses opportunities in the military, auto racing, rodeo, as well as in dance, ballet, and NASA.

The dual degree program qualifies students to take the national certification exam, which is necessary to practice athletic training in the United States.

*“Completion of the dual degree program not only increases employment opportunities, but also enhances earning potential and marketability.”*

All students must formally apply for selective admission to the program after being admitted to Millersville University. This special admissions procedure is required due to the highly individualized nature of the program, the academic rigor of earning two science-based degrees in four years, and the pre-established ratio of students per clinical instructors.

The dual degree program is for students who envision a career in athletic training or other healthcare profession.

*“The dual degree program includes chemistry, physics, and biology courses that form the required prerequisite science core for many medical schools and allied health profession programs.”*



For additional information about the dual degree program offered by Millersville University and West Chester University, please contact the Athletic Training Program Coordinator at Millersville University:

Athletic Training Program Coordinator  
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Millersville, PA 17551-0302

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[www.millersville.edu/~muathtrn](http://www.millersville.edu/~muathtrn)

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