

# ATHLETIC TRAINING, M.S.

The Masters of Science in Athletic Training is a CAATE-accredited professional program that culminates in students eligible to sit for the BOC examination. The mission of the MS in Athletic Training program is to:

1. provide interdisciplinary approaches to medicine through designed clinical educational experiences for students in a variety of settings and interactions with different health care professionals,
2. teach students to access, interpret, and integrate relevant research into their clinical decision making through didactic and clinical education that focuses on evidence-based medicine, and
3. enhance professional development of students through community engagement and recognize the role of the athletic trainer as a healthcare provider within the larger context of a changing healthcare system.

## Learning Outcomes

- Students will demonstrate the ability to synthesize and integrate knowledge, skills, and clinical decision-making into client/patient care.
- Students will demonstrate the ability to apply contemporary principles and practices of healthcare informatics.
- Students will demonstrate diagnostic skills, create care plans, and incorporate interventions for patients with health conditions commonly seen in athletic training practice to maximize the patient's participation and health-related quality of life.
- Students will demonstrate the knowledge and skills necessary to evaluate and immediately manage acute conditions and emergency situations.
- Students will demonstrate the ability to recognize, refer, and support patients with behavioral health conditions.
- Students will demonstrate an understanding of health care administration and quality improvement.
- Students will demonstrate the ability to maintain current cultural competence.
- Students will practice in a manner that is professional and in alignment with ethical standards of the profession.
- Students will develop the skills to become a lifelong learner guided by professional competence, professional development, and advocates of the profession.
- Students will develop their ability to provide patient education to patients, support systems, and stakeholders.

## Program Admission Requirements

Program admission requirements include the successful completion of a bachelor of science degree in a related field from an accredited institution and the following coursework:

Course	Title	Credits
Biology with lab		4
Chemistry with lab		4
Physics with lab		4
Anatomy and Physiology		8
Exercise Physiology		4
Psychology		3

Nutrition	3
Statistics	3
<b>Total Credit Hours</b>	<b>33</b>

## Degree Requirements (66 Hours)

Course	Title	Credits
<b>First year</b>		
<b>Summer</b>		
BMSC 740	Human Anatomy for Health Sciences	6
ATEP 700	Introduction to Therapeutic Interventions in Athletic Training	3
ATEP 701	Principles of Evidenced-Based Medicine	3
ATEP 702L	Principles of Athletic Training Lab	1
<b>Credit Hours 13</b>		
<b>Fall</b>		
ATEP 748	Evaluation and Therapeutic Intervention of Lower Extremity Injuries	4
ATEP 748L	Evaluation & Therapeutic Intervention of Lower Extremity Injuries Lab	1
ATEP 730	Behavioral Health and Wellness	3
ATEP 711	Clinical Experiences in Athletic Training I	3
<b>Credit Hours 11</b>		
<b>Spring</b>		
ATEP 712	Clinical Experiences in Athletic Training II	3
ATEP 749	Evaluation and Therapeutic Intervention of Head, Neck and Spine Injuries	4
ATEP 749L	Evaluation & Therapeutic Intervention of Head, Neck, & Spine Injuries Lab	1
ATEP 797	Clinical Pathology and Pharmacology in Athletic Training	2
ATEP 797L	Clinical Pathology & Pharmacology in Athletic Training Lab	1
PUBH 678	Transforming Health Care for the Future	1
<b>Credit Hours 12</b>		
<b>Second Year</b>		
<b>Summer</b>		
ATEP 750	Evaluation and Therapeutic Intervention of Upper Extremity Injuries	4
ATEP 750L	Evaluation & Therapeutic Intervention of Upper Extremity Injuries Lab	1
ATEP 796	Athletic Training Administration	3
ATEP 713	Clinical Experiences in Athletic Training III	3
<b>Credit Hours 11</b>		
<b>Fall</b>		
ATEP 714	Clinical Experiences in Athletic Training IV	3
ATEP 732	Emergency Management Practices in Athletic Training	3
ATEP 741	Advanced Clinical Skills in Athletic Training	3
EXSC 742	Clinical Exercise Testing	1
<b>Credit Hours 10</b>		
<b>Spring</b>		
ATEP 715	Clinical Experiences in Athletic Training V	6
PUBH 700	Perspectives in Public Health	3

**Credit Hours 9**

**Total Credit Hours**

**66**