

# ADVANCED ATHLETIC TRAINING, M.S.

The masters program in advanced athletic training (AT) is designed to offer advanced studies and clinical experiences in athletic training to BOC certified athletic trainers, while also providing health care to student-athletes and physical active populations in the state of South Carolina.

The USC AT Program provides students with the theoretical knowledge and understanding of the allied health profession of athletic training as well as current procedures and techniques in sport injury management. Students gain this knowledge through required coursework and clinical experiences as they prepare to make successful contributions to the athletic training profession. The program combines formal classroom instruction and clinical experiences to enhance a certified athletic trainer's clinical skills.

## Learning Outcomes

- **Patient Centered Care:** Students demonstrate the ability to serve as an advocate for a patient's best interest, to educate the patient about health-related concerns and intervention options, to recognize any conflicts of interests that could adversely affect the patient's health, and to facilitate collaboration among the patient, physician, family and other members of the patient's social network or healthcare system to develop an effective treatment plan that includes agreed-upon implementation steps, short-term goals and long-term goals.
- **Interprofessional Education & Collaborative Practice:** Students demonstrate the ability to interact with other health professionals in a manner that optimizes the quality of care provided to individual patients.
- **Evidence-Based Practice:** Students demonstrate the ability to integrate the best available research evidence with clinical expertise and consideration of patient values and circumstances to optimize patient outcomes. Students will demonstrate an overall mastery of concepts related to their respective area of research; and display the ability to extend this understanding to relevancy and clinical application.
- **Quality Improvement & Overall Professionalism:** Students demonstrate the ability to identify a quality improvement objective, specify changes that are expected to produce an improvement, and quantitatively confirm that an improvement resulted from implementation of the change (e.g., improved patient outcomes from administration of a specific intervention or utilization of a specific protocol). Students demonstrate an ability to adhere to the NATA Code of Ethics and the Board of Certification Standards of Practice and exhibit professionalism in all aspects of clinical practice and personal conduct.

## Admission

In addition to The Graduate School's application requirements, applicants must submit a sample of expository writing to include future goals and specific research interests.

## Degree Requirements (33-36 Hours)

### Athletic Training (24 Hours)

Successful completion of 24 graduate hours in athletic training selected from the following:

Course	Title	Credits
ATEP 733	Evidence Based Practice in Medical Emergencies	3
APET 734		
ATEP 735	Contemporary Issues in Athletic Training	3
ATEP 736	Advanced Treatment and Rehabilitation of Athletic Injuries	3
ATEP 737	Current Research in Athletic Training Education	3
ATEP 738	Advanced Athletic Training Practicum I	1-3
ATEP 739	Advanced Clinical Practicum in Athletic Training II	1-3
ATEP 740	Evidence Based Practice in Weight Management Assessment	3
ATEP 741	Advanced Clinical Skills in Athletic Training	3
PUBH 700	Perspectives in Public Health	3
<b>Total Credit Hours</b>		<b>23-27</b>

### Physical Education Pedagogy, Motor Behavior, Exercise Science, or Public Health Elective (3 Hours)

Course	Title	Credits
	Select advisor-approved Physical Education Pedagogy, Motor Behavior, Exercise Science, or Public Health Elective <sup>1</sup>	3
<b>Total Credit Hours</b>		<b>3</b>

<sup>1</sup> Thesis option is not required to take this elective.

### Project or Thesis

Satisfactory completion of either

Course	Title	Credits
ATEP 798	Project in Athletic Education	3
or ATEP 799	Thesis Preparation	
<b>Total Credit Hours</b>		<b>3</b>

### Comprehensive Assessment

Successful completion of a master research project/thesis.

### Additional Qualitative/Quantitative Research Methodology (6 Hours)

Course	Title	Credits
PEDU 770	Research Methods in Physical Education	3
Select one of the following:		3
BIOS 700	Introduction to Biostatistics	
BIOS 701	Concepts and Methods of Biostatistics	
BIOS 754	Discrete Data Analysis	
BIOS 757	Intermediate Biostatistics	
BIOS 760	Biostatistical Methods in Clinical Trials	
<b>Total Credit Hours</b>		<b>6</b>