

# Advanced Athletic Training

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## Department Information

- **Department Head:**  
Yeong Rhee, Ph.D.
- **Program Coordinator:**  
Kara Gange, Ph.D.
- **Department Location:**  
Bentson Bunker Fieldhouse
- **Department Phone:**  
(701) 231-5777
- **Department Web Site:**  
[www.ndsu.edu/hnes/graduate\\_programs/advanced\\_athletic\\_training\\_post\\_professional/](http://www.ndsu.edu/hnes/graduate_programs/advanced_athletic_training_post_professional/)
- **Application Deadline:**  
Rolling application process starting December 1 for fall start
- **Degrees Offered:**  
M.S.
- **Test Requirement:**  
TOEFL iBT 100; IELTS 7; PTE Academic 68

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## Program Description

The Department of Health, Nutrition and Exercise Sciences (HNES) offers graduate study leading to the Master of Science (M.S.) in Advanced Athletic Training and a Master of Athletic Training (MATrg) degree. The HNES department also offers a Master of Science (M.S.) degree in HNES with options in Exercise/Nutrition Science and Dietetics (on line).

The Master of Science in Advanced Athletic Training is a post-professional degree consisting of 34 credits. The mission of post-professional graduate athletic training education is to expand the depth and breadth of applied and experiential knowledge and skills of the entry-level athletic trainer, to expand the athletic training body of knowledge, and to disseminate new knowledge in the discipline. At NDSU, the M.S. in Advanced Athletic Training program prepares the student with the increased depth and breadth in the following areas: Diagnostic Ultrasound, Therapeutic Modalities, Orthopedic Appliances, Emergency Care Techniques, Kinesio Tape® and Manual Therapies. The combination of research and clinical practice is emphasized in preparing the post-professional student for future employment.

1. Minimum overall GPA of 3.0 on a 4.0 scale.
2. Must be a BOC AT or eligible for the BOC exam and have graduated from a CAATE accredited professional (entry-level) graduate or undergraduate athletic training program.
3. Skype or interview with Athletic Training Faculty.

### Admission Acceptance/Denial into the M.S.:

The M.S. application process is a very competitive process. The Application Committee reviews the graduate school and program application and determines if a student is granted an interview. The committee will set up a time with the student to complete the interview process. Criterion that is evaluated includes: overall GPA, certification status, quality of writing sample, quality of career goal statement, interview, and letters of reference. Exceptions to the requirements can be made upon recommendations from the Application Committee. Acceptance is *not* guaranteed simply upon satisfactory completion of the requirements. Once the Athletic Training Application Committee agrees to accept the student, the program director notifies the HNES Graduate Administrative Assistant, who notifies the NDSU Graduate School. Students are notified by the NDSU Graduate School of acceptance in the program. This letter should be received approximately 2 weeks after the Graduate School receives notification.

Code	Title	Credits
<b>Required Courses</b>		
HNES 702	Introduction to Advanced AT and Professionalism	
HNES 710	Introduction to Research Design and Methods in HNES	
HNES 720	Advanced Emergency Care	
HNES 722	Evidence Based Orthopedic Evaluation	
HNES 723	Advanced Techniques in Sports Medicine	
HNES 786	Diagnostic Ultrasound - Shoulder and Knee Basics	
HNES 787	Evidence Based Therapeutic Modalities	

HNES 788	Diagnostic Ultrasound - Case Studies and Ankle Basics	
HNES 798	Master's Thesis (6 credits)	
HDFS 705	Quantitative Methods in Developmental Science	
or STAT 725	Applied Statistics	
or EDUC 702	Statistics In Educational Research	
Electives: Minimum of 3 credits (must be 600/700 level)		3
Total credits		34

<b>First Year</b>					
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>	<b>Summer</b>	<b>Credits</b>
HNES 702	1	HNES 723	3	HDFS 705, STAT 725, or EDUC 702	3
HNES 710	3	HNES 786	3		
HNES 720	3	HNES 798	2		
HNES 787	3				
	10		8		3
<b>Second Year</b>					
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>		
HNES 798	2	HNES 722	3		
Elective 600/700 Course	3	HNES 788	3		
		HNES 798	3		
		Elective 600/700 level course	2		
	5		11		

Total Credits: 37

**Shannon David, Ph.D., ATC**

Ohio University, 2013

Research Interests: Quantification of Intervention Outcomes, Patient-Clinician Relationship

**Kara Gange, Ph.D., ATC**

North Dakota State University, 2010

Research Interests: Therapeutic Modalities and Diagnostic Ultrasound

**Nicole German Knodel, Ph.D., ATC**

North Dakota State University, 2008

Research Interests: Critical Thinking, Clinical Practice

**Katie Lyman, Ph.D., ATC**

University of South Florida, 2014

Research Interests: Kinesio Tape<sup>®</sup>, Manual Medicine, and Emergency Medicine