Master of Athletic Training (MATrg.)

Program and Application Information

Department Head: Dr. Yeong Rhee
Program Coordinator: Dr. Nikki German
Department Location: Bentson Bunker Fieldhouse
Department Phone: (701) 231-7474
Department Web Site: www.ndsu.edu/hnes/athletic_training_professional/
Application Deadline: December 1 for summer admission
Degrees Offered: MATrg
English Proficiency Requirements: TOEFL ibT 100; IELTS 7; PTE Academic 68

Program Description

The Master of Athletic Training (MATrg) is a professional program accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The MATrg (41 credits) will prepare students to take the Board of Certification, Inc. (BOC) examination and earn the ‘ATC’ credential. Didactic courses and clinical experience courses focus on prevention, assessment, treatment and rehabilitation of injuries resulting from physical activity. This is a five-semester program starting in the second eight-week session of the summer term.

Option 1: Five-Year Program. This unique option allows the student to complete a Bachelor of Science in Exercise Science and Master of Athletic Training (MATrg) degree in five years.

- During years 1-3 students follow the NDSU Exercise Science guidelines and curriculum**.
- Students apply to the MATrg program through the NDSU Graduate School spring semester of the third year (typically Junior standing).
- Accepted students begin the MATrg program in July.
- During year 4 students complete both Exercise Science and MATrg courses. The Exercise Science degree is awarded in August.
- During year 5 students complete MATrg courses. Upon successful completion of all program and Graduate School requirements, the MATrg degree is awarded in May.
- This program is recommended for entering freshmen, student-athletes and transfer students interested in earning an athletic training degree at NDSU.

** Transfer students and students who change majors must follow the Exercise Science policies and curriculum. This may extend the time line for program completion.

Option 2: Two-Year Program. Students who have a conferred Bachelor’s degree in a related field will follow Option 2.

- Students apply to the MATrg program through the NDSU Graduate School.
- Accepted students begin the program in July.
- Years 1 and 2 students follow the MATrg Plan of Study for Option 2
- Upon success complete of all program and Graduate School requirements, the MATrg degree is be awarded in May.

Admission Requirements (same for both options):

- Acceptance into the NDSU Graduate School
- Undergraduate overall GPA of 3.0 on a 4.0 scale
- Research Writing: Students are required to write a research-based position paper making an evidence-based argument for the use of prophylactic tape or bracing. A minimum of two (2) references must be included.
- Documentation of 50 hours of observation completed under the direct supervision of a BOC ATC® in an athletic training room setting. All 50 hours must be completed within one (1) calendar year of application.
- Minimum of “C” or higher in the following college courses:
  - Human Anatomy and Lab (1 semester)
  - Human Physiology and Lab (1 semester)
  - General Physics and Lab (1 semester)
  - General Chemistry and Lab (1 semester)
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- Exercise Physiology and Lab (1 semester)
- Kinesiology/Biomechanics and Lab (1 semester)
- Medical Terminology (1 semester)
- Nutrition (1 semester)

After successful completion of this program (41 credits), the student will be eligible to take the Board of Certification, Inc. (BOC) exam. Certification by the BOC is the entry-level credential. See the MATrg website for all necessary information regarding the application process.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HNES 780</td>
<td>Athletic Training Techniques</td>
<td>3</td>
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| Fall I  
HNES 775 | Therapeutic Modalities                        | 3       |
| HNES 781 | Orthopedic Assessment I                      | 5       |
| HNES 794 | Practicum/Internship                         | 2       |
| Spring I 
HNES 770 | Evidence Based Research and Practice         | 2       |
| HNES 782 | Orthopedic Assessment II                     | 5       |
| HNES 794 | Practicum/Internship                         | 2       |
| Summer II 
HNES 794 | Practicum/Internship                         | 1       |
| Fall II  
HNES 772 | Prevention and Health Promotion in Athletic Training | 2 |
| HNES 774 | Therapeutic Exercise                         | 3       |
| HNES 776 | Non-Orthopedic Assessment                    | 3       |
| HNES 794 | Practicum/Internship                         | 2       |
| Spring II 
HNES 773 | Athletic Training Capstone                   | 2       |
| HNES 778 | Athletic Training Administration and Professional Development | 3 |
| HNES 794 | Practicum/Internship                         | 2       |

Total Credits 40

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, Ph.D., ATC
North Dakota State University, 2008
Research Interests: Graston Technique®, Clinical Practice

Katie Lyman, Ph.D., ATC
University of South Florida, 2014
Research Interests: Kinesio Tape®, EMG, Emergency Medicine

Ryan Moran, Ph.D., ATC
Michigan State University, 2016
Research Interests: Epidemiology of Sport-Related Concussions, Vestibular Assessment and Concussions