Athletic Training, M.S.

Degree Offered

• Master of Science

Nature of the Program

The WVU athletic training program has a rich history of educating and preparing extraordinary Sports Medicine professionals for over 44 years. Over 500 athletic training students have graduated from the program and have gone on to pursue careers in medicine, college athletics, professional sports, Olympic training centers, military, performing arts and other clinical settings.

The Master of Science in Athletic Training degree program is a two year program consisting of classroom, laboratory, and clinical education rotations. Clinical rotations, spanning both years, include working with WVU Big 12 athletic teams, high school athletes, professional sports, performing arts and in hospital emergency departments. Graduates of the MSAT program are eligible to sit for the national BOC examination to become a certified athletic trainer.

Accreditation

The WVU Athletic Training program is currently accredited by the Commission on Accreditation of Athletic Training Education (CAATE), 6850 Austin Center Blvd., Suite 100, Austin, TX 78731-3101. The program is currently applying to the CAATE for a change in level of degree and is pending approval.

FACULTY

CHAIR

• Anh-Dung Nguyen - PhD, ATC (University of North Carolina at Greensboro)

Professor

Admissions

Applications for the Master of Science in Athletic Training are accepted via ATCAS from August 1 - May 1 each year. The program is 24 continuous months and begins in June.

In order to be eligible for admission, students must complete the following requirements:

1. Completion of a baccalaureate degree

   Applicants must have earned a baccalaureate degree, or plan on completing a baccalaureate degree by May of the year entering the program. Students may apply with an undergraduate degree in any major.

2. Overall cumulative GPA of 2.75 or greater (3.0 or greater preferred)

   The cumulative GPA includes all previous undergraduate coursework at all institutions the student has attended.

3. Required clinical observation

   A minimum of 50 hours of clinical observation under the direct supervision of a certified athletic trainer is required.

4. Three letters of recommendations

   One letter must be from a board-certified athletic trainer with whom the applicant has worked in a clinical setting.

5. Pre-requisite GPA of 3.0 or greater, earning a grade of C or higher in all pre-requisite courses.

   Biology including lab
   Human Anatomy including lab
   General Chemistry including lab
   Human Physiology
   General Physics including lab
   Biomechanics/Kinesiology
   Exercise Physiology or Physiology of Science
6. **Required current certification**

Required current certification in either American Red Cross Professional Rescuer CPR or American Heart Association Basic Life Support for Health Care Providers. Proof of certification required at time of interview.

7. **On-campus interview**

Successful completion of an on-campus interview with the MSAT Admissions Committee (invitation only)

8. **Non-native speakers of English**

Non-native speakers of English with international transcripts, regardless of U.S. citizenship, must validate proficiency in the English language. Applicants may submit a satisfactory score on the TOEFL language proficiency test. The minimum required score depends on the form of the exam taken (internet based – 79, or paper based – 550).

**Major Code: 8337**

**Curriculum Requirements**

A minimum grade of “C” is required in EACH didactic course. A minimum GPA of 3.0 cumulative will be required to progress and graduate from the program. It is possible for a semester GPA to fall below 3.0. In such a case, the student would be placed on probation and required to raise the cumulative GPA the following semester or face possible suspension or dismissal. A Committee on Academic and Professional Standards will be established to oversee academic progress of students.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>PT 706</td>
<td>Advanced Clinical Anatomy</td>
<td>5</td>
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<tr>
<td>AT 511</td>
<td>Managing Athletic Medical Trauma</td>
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<td>AT 512</td>
<td>Foundations of Professional Practice</td>
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<td>AT 513</td>
<td>Fundamental Skills in Athletic Training</td>
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<td>AT 520</td>
<td>Musculoskeletal Assessment &amp; Diagnosis 1</td>
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<td>AT 521</td>
<td>Musculoskeletal Assessment &amp; Diagnosis 2</td>
<td>3</td>
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<td>AT 522</td>
<td>Clinical Decision Making 1</td>
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<td>AT 523</td>
<td>Evidence Based Practice 1</td>
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<td>AT 524</td>
<td>Pediatric Sports Medicine Clinical Rotation</td>
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<td>AT 530</td>
<td>Therapeutic Interventions 1</td>
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<td>AT 531</td>
<td>Therapeutic Interventions 2</td>
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<td>AT 532</td>
<td>Clinical Decision Making 2</td>
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<td>AT 533</td>
<td>Evidence Based Practice 2</td>
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<tr>
<td>AT 534</td>
<td>Collegiate Sports Medicine Clinical Rotation</td>
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<tr>
<td>AT 610</td>
<td>General Medical Conditions</td>
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<td>AT 611</td>
<td>Pathophysiology</td>
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<tr>
<td>AT 613</td>
<td>Sports Medicine Clinical Rotation 1</td>
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<tr>
<td>AT 620</td>
<td>Leadership &amp; Management in Athletic Training</td>
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<td>AT 621</td>
<td>Advanced Neuromuscular Concepts</td>
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<td>AT 622</td>
<td>Optimizing Athletic Performance</td>
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<td>AT 623</td>
<td>Sports Medicine Clinical Rotation 2</td>
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<td>AT 630</td>
<td>Professional Practice in Athletic Training</td>
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<td>AT 631</td>
<td>Clinical Topics in Sports Medicine</td>
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<td>AT 632</td>
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<tr>
<td>AT 633</td>
<td>Sports Medicine Clinical Rotation 3</td>
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**Total Hours** 68

**Suggested Plan of Study**

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<th>First Semester</th>
<th>Hours</th>
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<tr>
<td>AT 511</td>
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AT 512 1
AT 513 2

Second Semester
AT 520 3
AT 521 3
AT 522 2
AT 523 1
AT 524 3

Third Semester
AT 530 3
AT 531 3
AT 532 2
AT 533 1
AT 534 3

Fourth Semester
AT 610 2
AT 611 2
AT 613 2

Fifth Semester
AT 620 2
AT 621 2
AT 622 2
AT 623 9

Sixth Semester
AT 630 1
AT 631 2
AT 632 2
AT 633 8

Total credit hours: 68

Major Learning Outcomes

ATHLETIC TRAINING

1. Program graduates will be proficient, evidence-based and patient-centered athletic training professionals.
2. Program graduates will demonstrate effective collaboration in an inter-professional healthcare model.
3. Program graduates demonstrate the ability to engage in practice-based research to improve patient care.
4. Program graduates will have created a customized plan to formulate strategies for life-long learning to ensure contemporary expertise through ongoing professional development, engagement in professional organizations, and advocacy for the profession.
5. Program graduates will be able to critically appraise the ethical and practical aspects of patient care and research.