Athletic Training

Degree Offered

• Master of Science

Nature of the Program

This program is no longer admitting students due to the accreditation requirements. The last class of students in this program should graduate in May 2020. The major will change to a professional program and move to the School of Medicine effective Summer 2022.

FACULTY

ASSOCIATE PROFESSORS

• Michelle Sandrey, ATC - Ph.D., ATC (University of Kansas)
  Graduate Program Director

CLINICAL INSTRUCTOR

• Allison Hetrick, ATC - M.S. (University of Cincinnati)

ADJUNCT INSTRUCTORS

• Amelia Adams, ATC - M.S. (Robert Morris University)
• Greg Dahmer - M.A. (West Virginia University)
• Amy Hile, ATC - M.A. (University of Connecticut)
• Randall Meador, ATC - M.S. (West Virginia University)
• Samantha Young, ATC - M.S. (University of Arizona)

ADJUNCT ASSOCIATE PROFESSOR

• John C. Spiker, PT, ATC - M.Ed. (University of Pittsburgh)

Admissions

THIS PROGRAM IS NO LONGER ACCEPTING STUDENTS DUE TO CHANGES IN ACCREDITATION STANDARDS

This program is no longer admitting students due to the accreditation requirements. The last class of students in this program should graduate in May 2020. The major will change to a professional program and move to the School of Medicine effective Summer 2022.

Degree Requirements

Students are to maintain a minimum 3.0 GPA throughout the program.

A grade of C or higher must be earned in all major courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ATTR 618</td>
<td>Anatomy Laboratory</td>
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<tr>
<td>ATTR 620</td>
<td>Athletic Training Practicum 1</td>
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<td>ATTR 640</td>
<td>Critical Thinking in Injury Assessment</td>
<td>3</td>
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<td>ATTR 621</td>
<td>Athletic Training Practicum 2</td>
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<td>ATTR 625</td>
<td>Science and Theory of Rehabilitation</td>
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<tr>
<td>ATTR 626</td>
<td>Low Back and Overuse Pathology</td>
<td>3</td>
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<tr>
<td>ATTR 627</td>
<td>Biomechanics</td>
<td>3</td>
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<tr>
<td>ATTR 650</td>
<td>Medical and Surgical Aspects of Athletic Training</td>
<td>3</td>
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<tr>
<td>ATTR 655</td>
<td>Integrated Functional Human Performance</td>
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<td>SEP 615</td>
<td>Research Methodology in Physical Education</td>
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<td>SEP 723</td>
<td>Psychological Aspects of Sport Injury</td>
<td>3</td>
</tr>
<tr>
<td>SEP 726</td>
<td>Advanced Measurement and Research in Physical Education</td>
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Select one of the following Thesis, Research Project, or Concentration options:
### Thesis
- **ATTR 698**  
  Thesis or Dissertation (2 hours each semester for a total of 4 hours)

### Research Project
- **ATTR 697**  
  Research (Total of 3 hours)
- **ATTR 695**  
  Independent Study (1 hour)

### Concentration
- **ATTR 685**  
  Field Concentration 1 (2 hours each semester for a total of 4 hours)
- **ATTR 686**  
  Field Concentration 2

**Total Hours:** 38

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### Suggested Plan of Study

#### First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
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<td>ATTR 627</td>
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**Total:** 10

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<td>SEP 723</td>
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<td>ATTR 655</td>
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Select from the following:

- ATTR 697
- ATTR 698
- ATTR 685

**Total:** 9

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#### Second Year

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</tr>
<tr>
<td>ATTR 685</td>
<td>ATTR 686</td>
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</tbody>
</table>

**Total:** 9

**Total credit hours:** 38

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### Major Learning Outcomes

**ATHLETIC TRAINING**

The goal of the program is for students to graduate with the essential skills and knowledge necessary to prepare them to successfully complete the BOC exam and to be able to work successfully in the field of athletic training.

- **Content Knowledge** - Students will demonstrate knowledge and disciplinary concepts related to athletic training.
- **Reflection and Critical Thinking** - Students will demonstrate reflection and critical thinking in order to refine professional knowledge and practice.
- **Programming and Assessment** - Students will demonstrate evidence-based knowledge and skills (and best practices) for assessing needs and for designing, implementing and evaluating injury prevention and treatment approaches in a clinical setting.
- **Professionalism and Ethics** - Students will demonstrate professional behaviors, including commitment to excellence, valuing diversity and collaboration, service to others, techniques for lifelong learning, and will develop the knowledge and skills necessary to allow them to be successful with regard to working as an athletic trainer or applying to graduate school and/or professional programs to help advance their careers.
- **Technology** - Students will be able to demonstrate the use of different forms of technology to assess skills and provide meaningful feedback.

### COURSES

**ATTR 595. Independent Study. 1-6 Hours.**  
Faculty supervised study of topics not available through regular course offerings.

**ATTR 618. Anatomy Laboratory. 3 Hours.**  
Cadaver laboratory dissection involving an anatomical analysis of the trunk and extremities.
ATTR 620. Athletic Training Practicum 1. 1 Hour.
PR: Admittance into graduate athletic training program. Understanding of the different members of the sports medicine community; incorporating viewpoints into the process of making decisions about the care of an injured athlete.

ATTR 621. Athletic Training Practicum 2. 1 Hour.
PR: ATTR 620. Clinical experience in athletic training that allows students to broaden their exposure to administrative duties.

ATTR 622. Athletic Training Practicum 3. 1 Hour.
PR: ATTR 621. Clinical experience in athletic training that allows students to broaden their experience and to develop advanced clinical and writing skills.

ATTR 623. Athletic Training Practicum 4. 1 Hour.
PR: ATTR 622. Clinical experience in athletic training that allows students to broaden their clinical thinking and problem solving abilities.

ATTR 625. Science and Theory of Rehabilitation. 3 Hours.
This course will present the current theory of therapeutic exercise techniques as they relate to the rehabilitation of the physically active individual.

ATTR 626. Low Back and Overuse Pathology. 3 Hours.
This course will present evidence based and best clinical practice for low back and overuse pathology related to the assessment, treatment, and rehabilitation of the physically active individual.

ATTR 627. Biomechanics. 3 Hours.
To provide the athletic trainer with an understanding of applied clinical biomechanics and its relationship to specific joints, sports and pathologies.

ATTR 640. Critical Thinking in Injury Assessment. 3 Hours.
A course designed to demonstrate knowledge in critical thinking skills and evidence-based clinical practice guidelines as they relate to the evaluation process.

ATTR 650. Medical and Surgical Aspects of Athletic Training. 3 Hours.
Variety of current medical and surgical procedures commonly performed on athletic populations.

ATTR 655. Integrated Functional Human Performance. 3 Hours.
A course designed to instruct the student in the theory of integrated functional human performance and design application of the material to integrate knowledge learned with professional experience and prior learning in fitness and rehabilitation.

ATTR 685. Field Concentration 1. 2 Hours.
A course designed to enhance knowledge and field experience in specialized areas of athletic training practice.

ATTR 686. Field Concentration 2. 2 Hours.
PR: ATTR 685. A course designed to continue knowledge and field experience in specialized areas of athletic training practice gained in ATTR 685.

ATTR 691. Advanced Topics. 1-6 Hours.
PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

ATTR 693. Special Topics. 1-6 Hours.
A study of contemporary topics selected from recent developments in the field.

ATTR 695. Independent Study. 1-6 Hours.
Faculty supervised study of topics not available through regular course offerings.

ATTR 697. Research. 1-15 Hours.
PR: Consent. Research activities leading to thesis, problem report, research paper or equivalent scholarly project, or a dissertation. (Grading may be S/U).

ATTR 698. Thesis or Dissertation. 1-6 Hours.
PR: Consent. This is an optional course for programs that wish to provide formal supervision during the writing of student reports (698), or dissertations (798). Grading is normal.

ATTR P121. . 3 Hours.
ATTR P122. . 1 Hour.
ATTR T121. . 3 Hours.