

**MINUTES OF THE MEETING  
OF THE GRADAUTE ACADEMIC POLICIES AND  
PROCEDURES (GAPP) COMMITTEE  
March 19, 2018**

The Graduate AP&P Committee (GAPP) met on Monday, March 19, 2018 at 3:00 pm in IG Greer, Room 224.

Members Present: Doris Bazzini, Mark Bradbury, Audrey Dentith, Dru Henson, Marie Hoepfl, Victor Mansure, Gary McCullough, Kim McCullough, William Pollard, Ben Powell, Debbie Race, Rob Sanders, Tracy Smith, Susan Staub, Sandy Vannoy, Ece Karatan, John Abbott, Doris Bazzini, Scott Collier, Max Poole, Eric Berry

Administrative Staff and Guests: Laura Padgett (Coordinator, GAPP), Theresa Makdad, Elizabeth Fiske, Ashley Goodman, Alan Needle

Absent: John Mackall, James Douthit, Karen Fletcher, Phyllis Kloda, Dontrell Parson, Terry Rawls, David Shows,

Excused: Nickolas Jordan, Alecia Jackson

**1. CALL TO ORDER**

At 3:07 p.m., Chairperson Marie Hoepfl called the meeting to order.

Guests were welcomed and asked to introduce themselves.

**2. APPROVAL OF MINUTES**

**MOTION 1:** It was moved (Scott Collier) and seconded (Victor Mansure) that the minutes of the February 19, 2018 meeting be approved. The vote was taken. There was one abstention. **PASSED.**

**MOTION 2:** It was moved (Mark Bradbury) and seconded (John Abbott) that the addenda to the October 23, 2017 and November 20, 2017 minutes be approved. The vote was taken. **PASSED.**

**3. ANNOUNCEMENTS/FIOS**

Chairperson Hoepfl asked that the Old Business be moved to later in the agenda.

**4. NEW BUSINESS**

**A. NEW CURRICULUM PROPOSALS**

Chairperson Hoepfl shared information to introduce the proposals from Athletic Training. Ashley Goodman & Alan Needle were in attendance to provide answers to any questions from

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committee members. Mark Bradbury shared that the Curriculum Subcommittee members were impressed that the proposals were so well prepared.

**MOTION 3:** There was a motion from the Curriculum Subcommittee to approve proposals 10 through 35 from the Department of Athletic Training. The vote was taken. **PASSED.** See addendum.

### **Beaver College of Health Sciences**

#### Department of Athletic Training

<b>G_HS_HES_2017_10</b>	Add 5100 Gross Human Anatomy, 4 credit hours
<b>G_HS_HES_2017_11</b>	Add AT 5200 Functional Human Anatomy, 2 credit hours
<b>G_HS_HES_2017_12</b>	Add AT 5230 Principles of Injury Prevention, 3 credit hours
<b>G_HS_HES_2017_13</b>	Add AT 5290 Athletic Training Clinical Experience I, 2 credit hours
<b>G_HS_HES_2017_14</b>	Add AT 5300 Examination, Diagnosis, and Treatment I, 4 credit hours
<b>G_HS_HES_2017_15</b>	Add AT 5350 Physiology of Injury, 4 credit hours
<b>G_HS_HES_2017_16</b>	Add AT 5370 Principles of Evidence Based Practice, 3 credit hours
<b>G_HS_HES_2017_17</b>	Add AT 5380 Seminar in Clinical Reasoning I, 1 credit hour
<b>G_HS_HES_2017_18</b>	Add AT 5390 Athletic Training Clinical Experience II, 2 credit hours
<b>G_HS_HES_2017_19</b>	Add AT 5500 Independent Study, 1-4 credit hours and AT 5530-5549 Selected Topics, 1-4 credit hours
<b>G_HS_HES_2017_20</b>	Add AT 5550 Manual Intervention Strategies, 3 credit hours
<b>G_HS_HES_2017_21</b>	Add AT 5570 Clinical Inquiry I, 1 credit hour
<b>G_HS_HES_2017_22</b>	Add AT 5600 Examination, Diagnosis, and Treatment II, 4 credit hours
<b>G_HS_HES_2017_23</b>	Add AT 5660 Clinical Medicine, 4 credit hours
<b>G_HS_HES_2017_24</b>	Add AT 5680 Seminar in Clinical Reasoning II, 1 credit hour

<b>G_HS_HES_2017_25</b>	Add AT 5690 Athletic Training Clinical Experience III, 2 credit hours
<b>G_HS_HES_2017_26</b>	Add AT 5720 Behavioral Health, 3 credit hours
<b>G_HS_HES_2017_27</b>	Add AT 5790 Athletic Training Clinical Experience IV, 6 credit hours
<b>G_HS_HES_2017_28</b>	Add AT 5810 Healthcare Administration and Information Management for Clinicians, 3 credit hours
<b>G_HS_HES_2017_29</b>	Add AT 5830 Applied Health and Prevention Strategies, 3 credit hours
<b>G_HS_HES_2017_30</b>	Add AT 5870 Implementation of Patient-Centered Care. 3 credit hours
<b>G_HS_HES_2017_31</b>	Add AT 5880 Seminar in Clinical Reasoning III. 1 credit hour
<b>G_HS_HES_2017_32</b>	Add AT 5970 Clinical Inquiry II. 3 credit hours
<b>G_HS_HES_2017_33</b>	Add AT 5990 Athletic Training Clinical Experience V. 3 credit hours
<b>G_HS_HES_2017_34</b>	Add AT 5999 Thesis, 2-6 credit hours
<b>G_HS_HES_2017_35</b>	Approve the catalog bulletin and program of study for a new graduate degree: Master of Science in Athletic Training (MS-AT) (xxxA/51.0903)

## **5. OLD BUSINESS**

### **A. POLICY PROPOSALS**

#### 1. Graduate Bulletin Description for Dual-Listed Courses

**MOTION 4:** There was a motion from the Policy Subcommittee to approve the revised dual-listed course policy language. GAPP Committee members discuss the catalog description. The vote was taken. **PASSED.** See addendum.

Susan Staub reported that the policy subcommittee wanted the group to know about a new transcript policy coming to the April meeting. Max passed out copies of the proposed policy as developed by the committee. Marie asked that all comments and suggestions be sent to Susan for consideration before the policy is brought to the April meeting.

Marie encouraged each department to have a special topics course at the 4000 level so that

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departments can stay in compliance with the dual-listed policy. She noted that there may still be time to submit course proposals for consideration this year.

2. Joint Subcommittee:

The AP&P Joint Subcommittee has come up with a priority listing of AP&P procedures. It is likely something that will be coming forward to the April meeting.

**B. DISCUSSION ITEMS**

1. Updates from the Graduate School – Max Poole and Rob Sanders

- a. Max reported that a student from GSAS might come to our next meeting to discuss their new constitution and their efforts to become a co-equal group with SGA.
- b. Rob announced the Graduate School 70<sup>th</sup> Birthday Celebration will be held on Friday, March 23.
- c. Laura reported that she and Stephanie Hickey took a group of eleven graduate students to do individual presentations at the 17<sup>th</sup> Annual Graduate Research Symposium at William & Mary in Virginia. Two of the eleven students won research paper awards as visiting students, taking top place in two of four categories.

**6. ADJOURNMENT**

Chairperson Hoepfl asked for adjournment of the meeting at 4:30 p.m.

**ADDENDUM TO THE  
MINUTES OF THE MEETING  
OF THE GRADUATE ACADEMIC POLICIES AND PROCEDURES  
(GAPP) COMMITTEE  
FEBRUARY 19, 2018  
DRAFT**

**MOTION 3:** There was a motion from the Curriculum Subcommittee to approve proposals 10 through 35 from the Department of Athletic Training. The vote was taken. **PASSED.** See addendum.

**G\_HS\_HES\_2017\_10**

ADD a new course: AT 5100 Gross Human Anatomy, 4 credit hours  
AT 5100. Gross Human Anatomy (4) When offered: Summer Session A hands-on and laboratory-based course where students gain an advanced understanding of human anatomy. A systems-based and regional approach is complemented and reinforced by cadaver dissection. Emphasis is placed on musculoskeletal, articular, neurological and vascular systems, and surface palpation. Lecture two hours, laboratory two hours. Prerequisite: Acceptance into the MS-AT program. Corequisite: AT 5200.

**G\_HS\_HES\_2017\_11**

ADD a new course: AT 5200 Functional Human Anatomy, 2 credit hours  
AT 5200. Functional Human Anatomy (2) When offered: Summer Session A seminar and laboratory-based course designed to provide students with an understanding of normal and aberrant patterns in human movement. Topics will include models of disablement; biomechanics, gait, and posture; measurement of joint motion; assessment of arthrokinematics; and assessment of muscle function. One hour lecture, one hour laboratory. Prerequisite: Acceptance into the MS-AT program. Corequisite: AT 5100.

**G\_HS\_HES\_2017\_12**

ADD a new course: AT 5230 Principles of Injury Prevention, 3 credit hours  
AT 5230. Principles of Injury Prevention (3) When offered: Summer Session A comprehensive course focused on 1) injury prevention strategies and procedures, and 2) immediate emergent management and transportation. A systematic approach with position and consensus statements as guidelines will be utilized. Students will also be introduced to professional development and responsibilities and general athletic training facility protocols. Lecture one hour, laboratory two hours. Prerequisite: AT 5100.

**G\_HS\_HES\_2017\_13**

Add a new course: AT 5290 Athletic Training Clinical Experience I, 2 credit hours

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AT 5290. Athletic Training Clinical Experience I (2) When offered: Summer Session A guided, immersive clinical experience for the newly enrolled athletic training student. Students will gain introductory, practical experience in interdisciplinary and patient-centered care. Prerequisites: AT 5100, AT 5200.

#### **G\_HS\_HES\_2017\_14**

Add a new course: AT 5300 Examination, Diagnosis, and Treatment I, 4 credit hours  
AT 5300. Examination, Diagnosis, and Treatment I (4) When offered: Fall A lecture and laboratory-based course that will instruct students on the clinical assessment, treatment, and rehabilitation of injuries to the spine, foot, ankle, knee, and hip. Using a patient-centered approach, students will identify activity limitations and underlying impairments, and develop interventions to maximize participation. Lecture three hours, laboratory one hour. Prerequisites: AT 5100, AT 5200. Corequisite: AT 5350.

#### **G\_HS\_HES\_2017\_15**

Add a new course: AT 5350 Physiology of Injury, 4 credit hours  
AT 5350. Physiology of Injury (4) When offered: Fall A lecture and laboratory-based course where students will develop an in-depth understanding of the physiology of health conditions. Using a patient-centered approach, students will apply this knowledge to the use of pharmacological, electromagnetic, acoustical, light and thermal modalities to facilitate the healing process and pain management for patients with both acute and chronic health conditions. Lecture three hours, laboratory one hour. Prerequisites: AT 5100, AT 5200. Corequisite: AT 5300.

#### **G\_HS\_HES\_2017\_16**

Add a new course: AT 5370 Principles of Evidence Based Practice, 3 credit hours  
AT 5370. Principles of Evidence Based Practice (3) When offered: Fall An introduction to clinical research and evidence-based practice. Students will develop the skills necessary to locate, interpret, appraise, and apply the best available evidence in order to address questions arising in clinical practice. Research design, basic statistical analyses, and research interpretation and appraisal will be introduced.

#### **G\_HS\_HES\_2017\_17**

Add a new course: AT 5380 Seminar in Clinical Reasoning I, 1 credit hour  
AT 5380. Seminar in Clinical Reasoning I (1) When offered: Fall, Spring A small-group, discussion-based course focused on an introduction to case- and inquiry-based learning. Students will navigate a series of facilitated case studies that will build on current and previous learning to develop clinical decision-making skills. Students will also be introduced to interprofessional practice as they engage in collaborative, patient-centered care. Cases will focus on prevention, examination, and treatment of injuries while reinforcing the principles of injury physiology and evidence-based practice. Prerequisite: Acceptance into the MS-AT Program or instructor approval.

#### **G\_HS\_HES\_2017\_18**

Add a new course: AT 5390 Athletic Training Clinical Experience II, 2 credit hour  
AT 5390. Athletic Training Clinical Experience II (2) When offered: Fall A guided, clinical experience for students enrolled in their initial fall semester. Students will gain practical experience in

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interdisciplinary and patient-centered care for injuries and illnesses with an introduction to evidenced-based practice. Practical experiences will emphasize application of previous and current learning.  
Prerequisite: AT 5290.

### **G\_HS\_HES\_2017\_19**

Add the following new courses: AT 5500 Independent Study, 1-4 credit hours AT 5530-5549 Selected Topics, 1-4 credit hours  
AT 5500. Independent Study (1-4) When offered: Fall, Spring, Summer  
AT 5530-5549. Selected Topics (1-4) When offered: Fall, Spring, Summer

### **G\_HS\_HES\_2017\_20**

Add a new course: AT 5550 Manual Intervention Strategies, 3 credit hours.  
AT 5550. Manual Intervention Strategies (3) When offered: Spring A clinical skills course designed to instruct students on intervention techniques capable of modifying joint motion and structural integrity of the musculoskeletal system throughout the healing process. These will include techniques to limit joint motion during the healing process, including casts, splints, and durable medical equipment; and those techniques to increase motion throughout the healing process, including joint mobilization and manipulation, muscular release techniques, and emerging therapies. Lecture two hours, laboratory one hour. Prerequisite: AT 5300.

### **G\_HS\_HES\_2017\_21**

Add a new course: AT 5570 Clinical Inquiry I, 1 credit hour.  
AT 5570. Clinical Inquiry I (1) When offered: Spring An applied research course during which students will develop a topic for their capstone or thesis project, construct a timeline, establish methods, and complete preparatory steps for their selected project. Regulatory and ethical standards for research will also be reviewed. Prerequisite: AT 5370

### **G\_HS\_HES\_2017\_22**

Add a new course: AT 5600 Examination, Diagnosis, and Treatment II, 4 credit hours.  
AT 5600. Examination, Diagnosis, and Treatment II (4) When offered: Spring A lecture and laboratory-based course that will instruct students on the clinical assessment, treatment, and rehabilitation of injuries to the head, face, and neck; shoulder; elbow; and wrist and hand. Students will learn the signs and symptoms of pathologies in this region, and gain practice in the assessment and intervention techniques for each injury. Lecture three hours, laboratory one hour. Prerequisite: AT 5300.

### **G\_HS\_HES\_2017\_23**

Add a new course: AT 5660 Clinical Medicine, 4 credit hours.  
AT 5660. Clinical Medicine (4) When offered: Spring A lecture and laboratory-based course that focuses on the application of anatomy and physiology to the pathogenesis of diseases and disorders as they relate to health professionals. Students will be able to systemically analyze contributing factors and evaluate signs and symptoms to make treatment and referral decisions including appropriate pharmacological options. Lecture three hours, laboratory one hour. Prerequisite: AT 5350.

### **G\_HS\_HES\_2017\_24**

Add a new course: AT 5680 Seminar in Clinical Reasoning II, 1 credit hour.  
AT 5680. Seminar in Clinical Reasoning II (1) When offered: Fall, Spring A small-group, discussion-based course focused on advancement of case- and inquiry-based learning, interprofessional practice, and development of clinical decision-making skills and patient-centered practice. Students will navigate a series of facilitated case studies that will build on current and previous learning. Topics will include prevention, examination and treatment of various injuries and illnesses, therapeutic interventions, and evidence-based practice. Prerequisite: Acceptance into the MS-AT Program or instructor approval.

### **G\_HS\_HES\_2017\_25**

Add a new course: AT 5690 Athletic Training Clinical Experience III, 2 credit hours.  
AT 5690. Athletic Training Clinical Experience III (2) When offered: Spring A guided, clinical experience for students enrolled in their initial spring semester. Students will gain practical experience in interdisciplinary, patient-centered and evidenced-based care for injuries and illnesses. Practical experiences will emphasize application of previous and current learning. Prerequisite: AT 5390.

### **G\_HS\_HES\_2017\_26**

Add a new course: AT 5720 Behavioral Health, 3 credit hours.  
AT 5720. Behavioral Health (3) When offered: Summer Session A course where students will develop an understanding of basic screening tools for behavioral health conditions and learn management strategies that utilize contemporary behavioral change theories to facilitate patient centered-care. The potential effects of social, environmental, and personal contextual factors on an individual's and community's health will be emphasized. Prerequisite: Acceptance in the MS-AT Program or instructor approval

### **G\_HS\_HES\_2017\_27**

Add a new course: AT 5790 Athletic Training Clinical Experience IV, 6 credit hours.  
AT 5790. Athletic Training Clinical Experience IV (6) When offered: Fall A guided, immersive, clinical experience for athletic training students in their second year. Students will be fully immersed in on- or off-campus clinical sites and be fully engaged in interdisciplinary, patient-centered and evidenced-based care. Prerequisite: AT 5690; Successful completion with a passing grade of the year one comprehensive exam.

### **G\_HS\_HES\_2017\_28**

Add a new course: AT 5810 Healthcare Administration and Information Management for Clinicians, 3 credit hours. AT 5810. Healthcare Administration and Information Management for Clinicians (3) When offered: Fall A lecture-based course exploring contemporary healthcare delivery and administration as it relates to practicing athletic trainers. Healthcare management concepts, to be addressed with respect to the various settings in which athletic trainers practice, include the following: quality assurance and improvement, risk management, data driven decision making, strategic planning, facilities management and regulation, health informatics and electronic records management and coding. Prerequisite: Acceptance in the MS-AT Program or instructor approval.

### **G\_HS\_HES\_2017\_29**

Add a new course: AT 5830 Applied Health and Prevention Strategies, 3 credit hours.  
AT 5830. Applied Health and Prevention Strategies (3) When offered: Spring A lecture and laboratory-based course to prepare graduate students in the application of nutrition, strength, and conditioning principles towards the prevention of injury. Topics will include weight management in physically active populations, sports nutrition, and the application of strength training principles towards preventing common athletic injuries. Students will develop and implement an exercise program designed to optimize health and performance and/or prevent injury in a physically active population. Lecture two hours, laboratory one hour. Prerequisite: Acceptance in the MS-AT

### **G\_HS\_HES\_2017\_30**

Add a new course: AT 5870 Implementation of Patient-Centered Care. 3 credit hours.  
AT 5870. Implementation of Patient-Centered Care (3) When offered: Spring A lecture-based course where students will examine the integration of evidence-based practice principles with the International Classification of Functioning (ICF) Model of Health to provide patient-centered care. Public health concepts, including but not limited to, epidemiological data analysis and interpretation and social determinants of health, will be applied to providing care and planning prevention programs. Prerequisites: AT 5370, AT 5810.

### **G\_HS\_HES\_2017\_31**

Add a new course: AT 5880 Seminar in Clinical Reasoning III. 1 credit hour.  
AT 5880. Seminar in Clinical Reasoning III (1) When offered: Fall, Spring A culminating seminar course focused on inquiry-based learning and interprofessional practice. Students will navigate a series of facilitated, complex case studies that will require synthesis of patient-centered care and reflection on previous learning. Prerequisite: Acceptance into the MS-AT Program or instructor approval.

### **G\_HS\_HES\_2017\_32**

Add a new course: AT 5970 Clinical Inquiry II. 3 credit hours.  
AT 5970. Clinical Inquiry II (3) When offered: Spring A research capstone course during which students will work in collaboration with their faculty research mentor to complete the project proposed in AT 5570 and prepare it for dissemination to both peers and the broader athletic training and medical community. Prerequisite: AT 5570.

### **G\_HS\_HES\_2017\_33**

Add a new course: AT 5990 Athletic Training Clinical Experience V. 3 credit hours.  
AT 5990. Athletic Training Clinical Experience V (3) When offered: Spring A guided, culminating, clinical experience for athletic training students in their final semester. Students will engage in interdisciplinary, patient-centered and evidenced-based care of injuries and illnesses while communicating, enhancing, and reflecting on their clinical reasoning as they prepare to transition into clinical practice. Prerequisite: AT 5790. Corequisite: AT 5870.

### **G\_HS\_HES\_2017\_34**

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Add the following new course: AT 5999 Thesis, 3 credit hours  
AT 5999. Thesis (3) When offered: Fall, Spring This course may be substituted for AT 5970. Prerequisite:  
AT 5570

## **G\_HS\_HES\_2017\_35**

Approve the catalog bulletin and program of study for a new graduate degree: Master of Science in Athletic Training (MS-AT) (xxxA/51.0903)

The following would be found in the “Beaver College of Health Sciences” link in the Graduate Bulletin under Department of Health and Exercise Science: Athletic Training Ashley Goodman, Program Director [goodmana@appstate.edu](mailto:goodmana@appstate.edu) The Master of Science in Athletic Training (MS-AT) degree program is offered to individuals who seek to become certified Athletic Trainers. The MS-AT is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The curriculum is designed to provide didactic and clinical practicum experiences that meet the Professional Standards set forth by the CAATE. The educational mission of the MS-AT program is to develop evidence-based healthcare professionals with the ability to think critically and reflectively, and communicate effectively in a changing healthcare market. The MS-AT prepares students to become competent Athletic Trainers who are engaged members of the healthcare team and community, and advocates for their patients in the prevention, assessment, and treatment of injuries and illnesses.

An evidence-based capstone experience is required for each student. Students will be directed toward two options: 1) research thesis, or 2) research project (e.g., systematic review, critically appraised topic, or quality improvement project). All capstones must be evidence-based and should result in a product worthy of dissemination. Students will also have opportunities to obtain optional certifications in wilderness medicine or casting and bracing.

Admission to the MS-AT program is a competitive process. Students who wish to be admitted to this program must submit evidence of satisfactory performance in the required materials, including prerequisites, which can be found in the Program of Study (add hyperlink). The program begins in the first Summer Session of the year, and is designed to be a two-year program. In order for applicants to be given consideration, applications should be complete and submitted on or before January 15th of each calendar year. If the applicant is applying for a graduate assistantship and/or a scholarship, applications should be complete and submitted on or before December 15th of the previous year. Programs Master of Science • Athletic Training, MS-AT

### Courses

#### Athletic Training

- AT 5100. Gross Human Anatomy (4)
- AT 5200. Functional Human Anatomy (2)
- AT 5230. Principles of Injury Prevention (3)
- AT 5290. Athletic Training Clinical Experience I (2)
- AT 5300. Examination, Diagnosis, and Treatment I (4)
- AT 5350. Physiology of Injury (4)
- AT 5370. Principles of Evidence Based Practice (3)
- AT 5380. Seminar in Clinical Reasoning I (1)
- AT 5390. Athletic Training Clinical Experience II (2)
- AT 5500. Independent Study (1-4)

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- AT 5530-5549. Selected Topics (1-4)
- AT 5550. Manual Intervention Strategies (3)
- AT 5570. Clinical Inquiry I (1)
- AT 5600. Examination, Diagnosis, and Treatment II (4)
- AT 5660. Clinical Medicine (4)
- AT 5680. Seminar in Clinical Reasoning II (1)
- AT 5690. Athletic Training Clinical Experience III (2)
- AT 5720. Behavioral Health (3)
- AT 5790. Athletic Training Clinical Experience IV (6)
- AT 5810. Healthcare Administration and Information Management for Clinicians (3)
- AT 5830. Applied Health and Prevention Strategies (3)
- AT 5870. Implementation of Patient-Centered Care (3)
- AT 5880. Seminar in Clinical Reasoning III (1)
- AT 5970. Clinical Inquiry II (3)
- AT 5990. Athletic Training Clinical Experience V (3)
- AT 5999. Thesis (3)

**The following would be found in the “Programs Offered” link in the Graduate Bulletin:**

Athletic Training, MS-AT

Program Code: xxxA

CIP Code: 51.0913

### **Program of Study for the Master of Science in Athletic Training**

#### **Admission Requirements:**

- Bachelor’s degree from an accredited college or university
  - Students may still be enrolled in their undergraduate degree while applying, but the Bachelor’s degree must be completed by the start of the MS-AT Program;
- Complete application on the Athletic Training Centralized Application System (ATCAS);
- Complete application submitted to the Cratis D. Williams Graduate School;
- Official GRE score (no more than five years old);
- International students only: Official TOEFL score;
- Official transcripts, including prerequisites, from each college/university attended since high school;
- Three letters of reference:
  - At least one from a faculty member, and one from a licensed healthcare provider (e.g., Athletic Trainer, Physician, Physical Therapist, Physician Assistant, Nurse, etc.);
- Resume;
- Observation hours:
  - Forty hours of clinical observation/shadowing under the direct supervision of a Certified Athletic Trainer, documentation of activity required using the this form (add hyperlink);

- Personal statement:
  - o This statement should include 1) the applicant's insight into what is involved in becoming and practicing as an Athletic Trainer, 2) the applicant's reflection on the observation hours obtained, 3) the applicant's professional goals and how the MS-AT degree will help them achieve those goals, 4) if the applicant is interested in research, it should include the faculty member(s) with whom the applicant is most interested in working;
- Interview (in-person or web-based);
- Completion of required prerequisite coursework. Students may be enrolled in prerequisites while applying, but all prerequisites must be completed by the start of the MS-AT Program. The Program Director reserves the right to request course syllabi to confirm course content.

Human physiology (4 credits with lab. When anatomy and physiology are taken as a combined course, two semesters are necessary to meet this requirement)

- o Biology (animal-based; 3-4 credits with lab)
- o Chemistry (3-4 credits with lab)
- o Physics (4 credits with lab)
- o Statistics (3 credits)
- o Exercise physiology (3 credits)
- o Psychology (3 credits)
- o Biomechanics or kinesiology (3 credits)

Admission to the MS-AT program is a competitive process. To be considered for admission, and for graduate assistantships and scholarships, applicants must meet or exceed the criteria for admission to the Graduate School. Meeting these criteria does not guarantee admission. Both qualitative and quantitative aspects of applications are reviewed by the program in comparison to the current applicant pool. Each student requesting to transfer into the proposed MS-AT degree program will be evaluated on an individual basis by the Program Director.

The program begins in the first Summer Session, and is designed to be a two-year program. To be given consideration, applications should be complete and submitted on or before January 15th of each calendar year. If the applicant is applying for a graduate assistantship and/or a scholarship, applications should be complete and submitted on or before December 15th of the previous year.

An evidence-based capstone experience is required for each student. Students will be directed toward two options: 1) research thesis, or 2) research project (e.g., systematic review, critically appraised topic, or quality improvement project). If a student chooses the research thesis option, AT 5999 would be substituted for AT 5970. All capstones must be evidence-based and should result in a product worthy of dissemination. Students will also have opportunities to obtain optional certifications in wilderness medicine or casting and bracing.

Location: Primarily on campus; curriculum includes two on-line courses. Note: First and second year students will be assigned to practicums at clinical sites on- or off-campus.

## **Course Requirements for the Master of Science in Athletic Training**

Total Required (Minimum 65 hours)

Required Courses (65 hours)

- AT 5100. Gross Human Anatomy (4)
- AT 5200. Functional Human Anatomy (2)
- AT 5230. Principles of Injury Prevention (3)
- AT 5290. Athletic Training Clinical Experience I (2)
- AT 5300. Examination, Diagnosis, and Treatment I (4)
- AT 5350. Physiology of Injury (4)
- AT 5370. Principles of Evidence Based Practice (3)
- AT 5380. Seminar in Clinical Reasoning I (1)
- AT 5390. Athletic Training Clinical Experience II (2)
- AT 5550. Manual Intervention Strategies (3)
- AT 5570. Clinical Inquiry I (1)
- AT 5600. Examination, Diagnosis, and Treatment II (4)
- AT 5660. Clinical Medicine (4)
- AT 5680. Seminar in Clinical Reasoning II (1)
- AT 5690. Athletic Training Clinical Experience III (2)
- AT 5720. Behavioral Health (3)
- AT 5790. Athletic Training Clinical Experience IV (6)
- AT 5810. Healthcare Administration and Information Management for Clinicians (3)
- AT 5830. Applied Health and Prevention Strategies (3)
- AT 5870. Implementation of Patient-Centered Care (3)
- AT 5880. Seminar in Clinical Reasoning III (1)
- AT 5990. Athletic Training Clinical Experience V (3)

Choose one of the Following (3 hrs)

- AT 5970. Clinical Inquiry II (3)
- or
- AT 5999 Thesis (3)

### **Note on Academic Standards for Retention in the MS-AT**

Academic standards for retention in the MS-AT degree program include abiding by the ASU Code of Student Conduct and Academic Integrity, the MS-AT Professional Behaviors and Responsibilities Policy, the National Athletic Trainers' Association Code of Ethics, and the Board of Certification® Standards of Practice. These Standards are fully described in the MS-AT Policies and Procedures Manual. MS-AT students must achieve a grade of "C" or higher in all graduate courses, maintain an overall GPA of 3.0, and earn no more than two final grades of "C" or below in the program of study. Students are dismissed from the MS-AT degree program if they earn more than two final grades of a "C" or lower.

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### Other Requirements for the MS-AT

- Thesis: Optional
- Proficiency: Not required
- Candidacy: Required for thesis option; awarded upon approval of thesis committee and prospectus
- Comprehensive: Required; one comprehensive examination at the end of year one; successful navigation of the MS-AT prepares the student to be eligible to sit for the Board of Certification® national examination during their final semester.
- Product of Learning: Not required

### Two-Year Plan for the MS-AT degree program

Course Number	Course Title	Credit Hours (Total: 65)
<b>Year 1 - Summer 1 (Credit hours: 6)</b>		
AT 5100	Gross Human Anatomy	4
AT 5200	Functional Human Anatomy	2
<b>Year 1 - Summer 2 (Credit hours: 5)</b>		
AT 5230	Principles of Injury Prevention	3
AT 5290	Athletic Training Clinical Experience I	2
<b>Year 1 - Fall Semester (Credit hours: 14)</b>		
AT 5300	Examination, Diagnosis, and Treatment I	4
AT 5350	Physiology of Injury	4
AT 5370	Principles of Evidence Based Practice	3
AT 5380	Seminar in Clinical Reasoning I	1
AT 5390	Athletic Training Clinical Experience II	2
<b>Year 1 - Spring Semester (Credit hours: 15)</b>		
AT 5550	Manual Intervention Strategies	3
AT 5570	Clinical Inquiry I	1
AT 5600	Examination, Diagnosis, and Treatment II	4
AT 5660	Clinical Medicine	4
AT 5680	Seminar in Clinical Reasoning II	1
AT 5690	Athletic Training Clinical Experience III	2
<b>Year 2 - Summer 3 (Credit hours: 3)</b>		
AT 5720	Behavioral Health	3
	Non-credit internship opportunities	N/A
<b>Year 2 - Summer 4 (Credit hours: 0)</b>		
	Non-credit internship opportunities	N/A
<b>Year 2 - Fall Semester (Credit hours: 9)</b>		
AT 5790	Athletic Training Clinical Experience IV	6
AT 5810	Healthcare Administration and Information Management for Clinicians	3
<b>Year 2 - Spring Semester (Credit hours: 13)</b>		

Provost Approved: 5/21/18  
Effective Fall 2019 unless otherwise noted.

AT 5830	Applied Health & Prevention Strategies	3
AT 5870	Implementation of Patient-Centered Care	3
AT 5880	Seminar in Clinical Reasoning III	1
AT 5970 or AT 5999	AT 5970: Clinical Inquiry II or AT 5999: Thesis	3 or 3
AT 5990	Athletic Training Clinical Experience V	3

**MOTION 4:** There was a motion from the Policy Subcommittee to approve. GAPP Committee members discuss the catalog description. The vote is taken. **PASSED.** See addendum.

#### Graduate Bulletin Description for Dual-Listed Courses

Dual-listed courses are classes approved to be taught concurrently at the 4000/5000 levels and by the same instructor, either (1) meeting at the same time and in the same classroom, or (2) in the same online setting. Graduate students who are enrolled in a dual-listed course can expect advanced academic content and more rigorous assignments appropriate for graduate-level courses. A separate graduate syllabus will clearly state the learning outcomes and different assessments for graduate students in the course. Undergraduate participation in these courses is restricted to seniors. Juniors may petition the department for permission to enroll in these courses.

No more than 12 semester hours of dual-listed courses may be included in a student's program of study. Dual-listed courses are noted in the course descriptions as follows: "[Dual-listed with XXX 4xxx.]"