

Brothers, Sheila

From: Farrell, Herman
Sent: Monday, February 05, 2018 8:21 PM
To: McCormick, Katherine; Brothers, Sheila
Cc: Gribble, Phillip
Subject: MS - Athletic Training
Attachments: MS Athletic Training Program Change(1).pdf; Memorandum for change in AT program_20171103(1).pdf

The SAASC convened on Friday, February 2, 2018 to consider a proposal from the College of Health Sciences, Department of Rehabilitation involving changes to the Master of Science in Athletic Training, including changes in degree requirements, minor course changes, new courses and changes in admissions requirements and prerequisites for the proposed modified degree.

Attendance: Dan Morey, Dan Howe, Shawn Caudill, Brad Hubbard, Rebecca Kellum, Herman Farrell (Chair); Annie Davis Weber (ex officio)

Discussion:

Shawn Caudill served as the facilitator of the proposal and provided the committee with a summary of the detailed proposal noting that it, essentially, involves a degree modification from a "Post-Professional" master's degree to a "Professional" Master's degree that expanded the required courses from 42 to 76 credits. Phillip Gribble, the Athletic Training Division Director, and contact person for the proposal fielded questions from the committee. The chair asked a few questions regarding the new admissions requirements. Dan Morey expressed some concern regarding the summer courses that are included in the expedited 2 year program, wondering if the students were being required to take an overload of credit hours during the summer session and he and Brad Hubbard also expressed concern about the financial aid implications for the grad students requirements to enroll in courses over two summer sessions. Rebecca Kellum expressed concern about the compression of the time period into a two year time frame with an increase in course requirements from 42 to 76 credit hours. Phillip Gribble responded to all of the concerns, to the satisfaction of the committee members.

Vote:

A motion was made and seconded that the SAASC approve the proposal from the College of Health Sciences, Department of Rehabilitation involving changes to the Master of Science in Athletic Training.

The committee voted 6 in favor, 0 opposed.

Herman Farrell
Chair, SAASC

Herman Daniel Farrell III
*Chellgren Endowed Professor
Associate Professor - Playwriting
University of Kentucky
Department of Theatre
138 Fine Arts Building*

CHANGE MASTERS DEGREE PROGRAM FORM

1. GENERAL INFORMATION

College:	Health Sciences	Department:	Rehabilitation Sciences
Current Major Name:	Athletic Training	Proposed Major Name:	Athletic Training
Current Degree Title:	Master's	Proposed Degree Title:	Master's
Formal Option(s):	N/A	Proposed Formal Option(s):	N/A
Specialty Fields w/in Formal Option:	N/A	Proposed Specialty Fields w/in Formal Options:	N/A
Date of Contact with Associate Provost for Academic Administration ¹ :			
		02/01/2017	
Bulletin (yr & pgs):	2015-2016 pg 39 - 40	CIP Code ¹ :	CIP 51.0913
		Today's Date:	2/4/2017
Accrediting Agency (if applicable): Commission on Accreditation for Athletic Training Education (CAATE)			
Requested Effective Date:	<input checked="" type="checkbox"/> Semester following approval.		OR <input type="checkbox"/> Specific Date ² :
Dept. Contact Person: Phillip Gribble			
		Phone:	218-0885
		Email:	phillip.gribble@uky.edu

2. CHANGE(S) IN PROGRAM REQUIREMENTS

		<u>Current</u>	<u>Proposed</u>
1.	Number of transfer credits allowed (Maximum is Graduate School limit of 9 hours or 25% of course work)	0	0
2.	Residence requirement (if applicable)	N/A	N/A
3.	Language(s) and/or skill(s) required	English	<i>English</i>
4.	Termination criteria	N/A	N/A
5.	Plan A Degree Plan requirements ³ (thesis)	N/A	N/A
6.	Plan B Degree Plan requirements ³ (non-thesis)	See Attached "Current to Proposed Change in Master's in AT Degree Curriculum"	<i>See Attached "Current to Proposed Change in Master's in AT Degree Curriculum"</i>
7.	Distribution of course levels required (At least one-half must be at 600+ level & two-thirds must be in organized courses.)	500 level (n=1, 6%) 600 level (n=13, 76%) 700 level (n=3, 18%)	<i>400G level (n=1, 4%) 500 level (n=9, 35%) 600 level (n=16, 62%)</i>
8.	Required courses (if applicable)	See Attached "Current to	<i>See Attached "Current to</i>

¹ Prior to filling out this form, you MUST contact the Associate Provost for Academic Administration (APAA). If you do not know the CIP code, the APAA can provide you with that during the contact.

² Program changes are typically made effective for the semester following approval. No changes will be made effective until all approvals are received.

³ If there is only one plan for the degree, plans involving a thesis (or the equivalent in studio work, etc.) should be discussed under Plan A and those not involving a thesis should be discussed under Plan B.

CHANGE MASTERS DEGREE PROGRAM FORM

		Proposed Change in Master's in AT Degree Curriculum"	<i>Proposed Change in Master's in AT Degree Curriculum"</i>
9.	Required distribution of courses within program (if applicable)	N/A	<i>N/A</i>
10.	Final examination requirements	yes	<i>yes</i>
11.	Explain whether the proposed changes to the program (as described in sections 1 to 10) involve courses offered by another department/program. <u>Routing Signature Log must include approval by faculty of additional department(s).</u>		
	See attached "Rationale for AT Master's Degree Changes" and associated Signature Log		
12.	List any other requirements not covered above?		
	See attached "Comparing Current to Proposed Change in Admission Requirements and Prerequisites"		
13.	Please explain the rationale for changes. If the rationale involves accreditation requirements, please include specific references to those requirements.		
	See attached "Rationale for AT Master's Degree Changes"		

CHANGE MASTERS DEGREE PROGRAM FORM
Signature Routing Log

General Information:





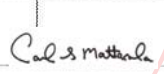
Proposal Name: Graduate Athletic Training Education Program Change in Master's Degree

Proposal Contact Person Name: Phillip Gribbble Phone: 8-0885 Email: phillip.gribbble@uky.edu

INSTRUCTIONS:

Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
Athletic Training Faculty	10/31/2016	Dr. Phillip Gribbble / 218-0885 / phillip.gribbble@uky.edu	
Department Chair	12/12/2016	Dr. Janice Kuperstein / 218-0593 / jkupe0@uky.edu	
Academic Affairs Committee	1/27/2017	Dr. Deborah Kelly / 218-0599 / dgkell1@email.uky.edu	
Associate Dean of Academic Affairs	2/4/2017	Dr. Carl Mattacola / 218-0860 / carlmat@uky.edu	
Health Care Colleges Council		Dr. Carl Mattacola / 218-0860 / carlmat@uky.edu	 <small>Digitally signed by Carl Mattacola DN: cn=Carl Mattacola, o=College of Health Sciences, ou=Office of Academic and Faculty Affairs, email=carlmat@uky.edu, c=US Date: 2017.02.24 11:44:52 -05'00'</small>

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision ⁴
Undergraduate Council			
Graduate Council	3/16/17	Roshan Nikou	
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

Comments:

⁴ Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

Brothers, Sheila C

From: Nikou, Roshan
Sent: Thursday, March 23, 2017 11:13 AM
To: Brothers, Sheila C; Ett, Joanie M; Jackson, Brian A; McCormick, Katherine; Nikou, Roshan; Price, Cleo; Timoney, David M
Cc: Rice, Jeffrey; Thyne, Clayton L
Subject: Transmittals
Attachments: MCH Suspension_Deletion Form 7-7-16-signed.pdf; Suspension of Master of Mining Engineering.pdf; MS Athletic Training Program Change.pdf; MFA in Art Studio Program Change.pdf; TechwritingGraduate Certificate_Final_R.pdf

TO: Katherine McCormick, Chair and Sheila Brothers, Coordinator

FROM: Brian Jackson, Chair and Roshan Nikou, Coordinator
Graduate Council

The Graduate Council approved the following proposals and is now forwarding them to the Senate Council to approve. The courses listed below, are all accessible via Curriculog.

Programs and Graduate Certificates (attached)

MS in Athletic Training
MFA in Art Studio
GC in Professional and Technical Writing
Graduate Certificate for Mental Health
MS in Mining

Courses (available through Curriculog)

A-H - 650 - Advanced Contemporary Art History
A-H - 738 - Art History & Visual Studies M.A. Portfolio Preparation
ART - 794 - Internship: Bolivar Gallery
ART - 795 - Internship: UK Art Museum
ART - 796 - Internship: Community Partners
ART - 797 - Internship: Arts Organization
AT - 610 - Assessment and Management of Life-Threatening and Emergency
AT - 640 - Practicum in Athletic Training
AT - 620 - General Medical Conditions in the Physically Active
AT - 641 - Clinical Integration I: Lower Extremity Assessment and Management
AT - 642 - Clinical Integration II: Upper Extremity Assessment and Management

AT 643 Clinical Integration III: Assessment & Management of Life-Threatening & Emergency
Conditions During Physical Activity
AT 644 - Clinical Integration IV: Therapeutic Modalities and Advanced Therapeutic Rehabilitation
AT - 691 - Therapeutic Modalities for Athletic Trainers
CDS - 600 - International Externship
EDC - 454G – Culture, Education and Teaching Abroad
EE - 698 - Spec. Topics Multi-Inst: subtitle required
ICT - 596 - Internship in ICT
MFS - 523 - Concepts, Assessment Tools and Methods in Sustainable Power and Energy
BIO - 650 – Animal Physiology Laboratory



Roshan Nikou, MA

Graduate Council Coordinator
101 Ezra Gillis Building | Lexington, KY 40506-0033
(859)257-1457 | www.gradschool.uky.edu
roshan.nikou@uky.edu

**UNIVERSITY OF KENTUCKY
HEALTH CARE COLLEGES COUNCIL
Tuesday, February 21th, 2017
4:00 p.m. Room 214f Biological Pharmaceutical Complex Bldg.**

MINUTES

PRESIDING: Carl Mattacola, Chair

MEMBERS

PRESENT: Erwin Turner, Susan Effgen, Tony English, Paul Kearney, Fran Hardin-Fanning, Steven Fleming, Debbie Hampton, Younsoo Bae, Anna Hoover,* Corrine Williams*
(* alternate)

MEMBERS

ABSENT: Robert Kuhn, Christina Studts, Hiroko Nagaoka, Patrick McGrath, Liz Debski
(Faculty Senate)

OTHERS

PRESENT: Phillip Gribble, Michelle Lineberry, Helen Garces

1. Approval of January 2017 Minutes

A motion to approve was cast by Tony English and seconded by Erwin Turner. The minutes were unanimously approved.

2. Submitted by College of Health Sciences:

- **Program Change: Master of Athletic Training "3+2"**
 - **New Course:AT 510**
 - **New Course:AT 520**
 - **New Course:AT 550**
 - **Course Change:AT 590**
 - **New Course:AT 591**
 - **New Course:AT 592**
 - **New Course:AT 593**
 - **New Course:AT 610**
 - **New Course:AT 620**
 - **New Course:AT 640**
 - **New Course:AT 641**
 - **New Course:AT 642**

- **New Course:AT 643**
- **New Course:AT 644**
- **New Course:AT 691**

Proposal Author: Phillip Gribble

HCCC Reviewer: Fran Hardin-Fanning*, Steven Fleming+, Erwin Turner

Transmit to: Graduate Council

ACTION: It was moved by Steve Fleming, duly seconded by Debbie Hampton and unanimously carried that the proposal, **Program Change: Master of Athletic Training "3+2"** be approved with amendments and forwarded to the Graduate Council and Undergraduate Council to review.

*AMENDMENTS:*1) In syllabi change wording such that students must *hold and maintain* First Aid and Basic Life Support, 2) Verify that the statement “meet technical standards be included in all of the course syllabi.

3. Submitted by College of Medicine:

- **New Course: MD 820**
- **Course Change: MD 821**
- **Course Change: MD 824**
- **Course Change: MD 828**

Submitted by the College of Medicine

Proposal Author: Michelle Lineberry

HCCC Reviewer: Younsoo Bae

Transmit to: Registrar

ACTION: It was moved by Paul Kearney, duly seconded by Erwin Turner and unanimously carried that the proposal, New Course MD 820 and Course Changes to MD 821, MD 824 and MD 828 be approved and forwarded to the Registrar to review.

Memorandum

TO: Janice Kuperstein, Chair, Department of Rehabilitation Sciences, College of Health Sciences

FR: Phillip Gribble, Athletic Training Division Director

RE: Request for Curriculum Changes in the Master of Science in Athletic Training

The faculty of the Division of Athletic Training (AT) requests approval for graduate program modifications to the existing Master of Science in Athletic Training degree, minor course changes, and new courses. The modifications support the change in degree requirements in response to new accreditation standards from our national professional organization. The rationale for these changes is attached along with the other documents that will assist in understanding the proposed changes to the Athletic Training curriculum.

The list represents the following documents and their order:

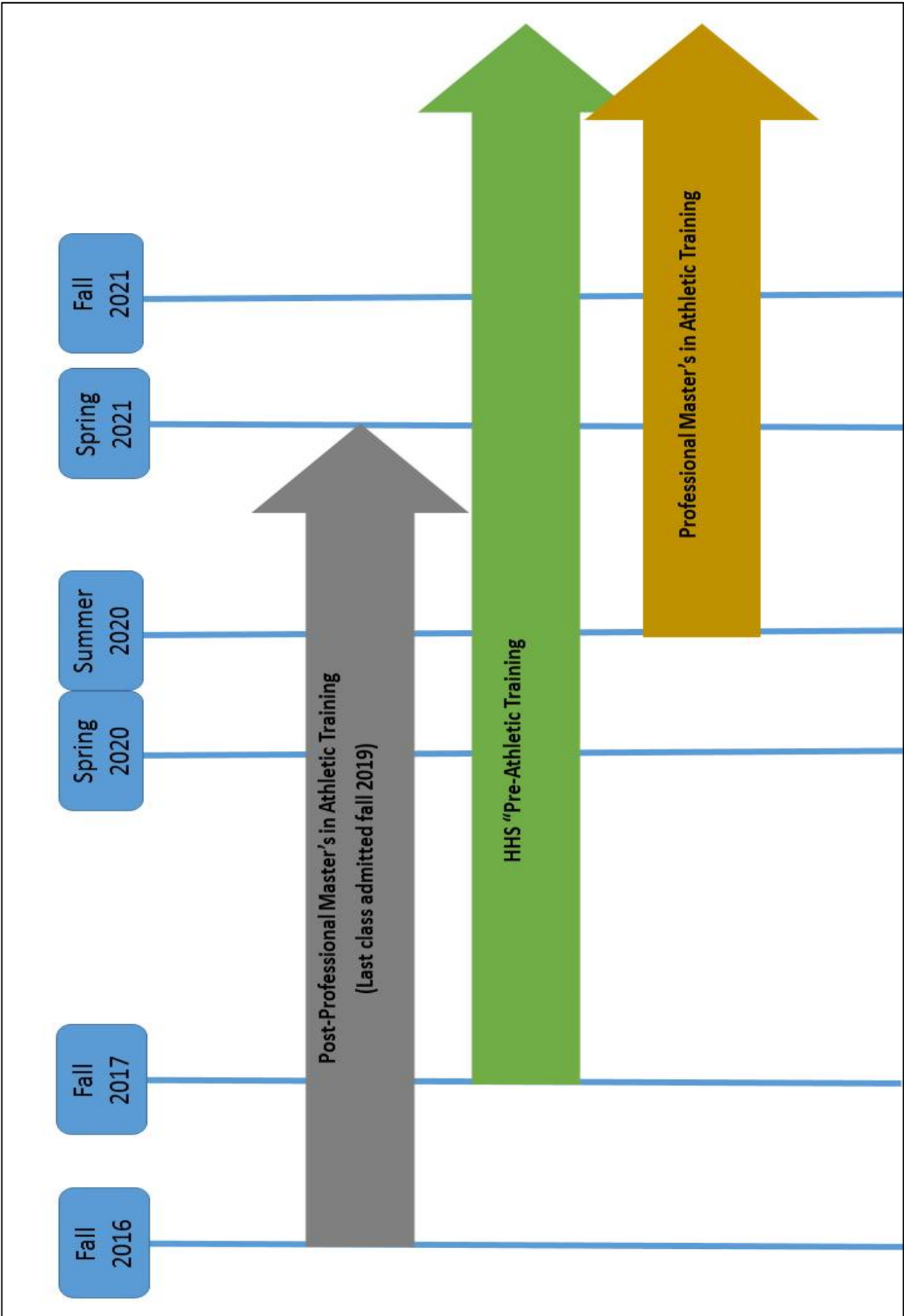
- Appendix A: Timeline of Degree Curriculum Transitions
- Appendix B: Rationale for Master of Science in Athletic Training Degree Changes
- Appendix C: Current Curriculum
- Appendix D: Overview, Admission Requirements, and Prerequisites for Proposed Modified Degree
- Appendix E: Recommended Sequence of Required Courses for Proposed Master of Science in Athletic Training Degree
- Appendix F: Evidence of Support from Division of Athletic Training Faculty
- Appendix G: Letter of Support from Department of Health and Human Sciences Faculty
- Appendix H: Letter of Support from Department of Kinesiology and Health Promotions
- Appendix I: Additional Letters of Support and Approval

The proposed change in degree requirements and the curriculum is to comply with new standards set forth by our professional organization's accrediting body, the Commission on Accreditation of Athletic Training Education (CAATE). More detail is provided below and in the supporting documents. We propose these degree changes in order to remain in compliance with the CAATE requirements that programs must be transitioned to this master's degree model no later than fall 2022.

The Master of Science in Athletic Training program has twenty-four students currently enrolled at the University of Kentucky. A cohort of ten students are scheduled to graduate in May of 2017, and a cohort of fourteen students are expected to graduate in 2018. We plan to transition our master's degree program beginning in the fall of 2020 (see Appendix A). This is predicated on anticipated approval of this proposal by the end of the AY 16/17. The timing of our proposal would allow the first cohort of freshmen students to enter the university in the fall of 2017 and begin the transitioned master's curriculum in the fall of 2020. In the interim, we will continue to offer the current master's curriculum to eligible students under the existing admission criteria until fall 2019. If the proposed change is accepted by the end of the AY16/17, the faculty of the Division of AT will admit the final cohort of master's students under the existing curriculum in the fall 2019, with a planned graduation in the spring of 2021. Therefore, during the AY 20/21, we would have our last cohort of master's students pursuing the current master's degree in AT and our first admitted cohort of master's students pursuing this proposed master's degree in AT.

Please contact Phillip Gribble (phillip.gribble@uky.edu or 218-0885) if you have questions or concerns.

Appendix A: Timeline of Degree Curriculum Transitions



Appendix B: Rationale for Master of Science in Athletic Training Degree Changes

Introduction

Athletic trainers are allied health professionals that “are highly qualified, multi-skilled health care professionals who collaborate with physicians to provide preventative services, emergency care, clinical diagnosis, therapeutic intervention and rehabilitation of injuries and medical conditions. Athletic trainers work under the direction of a physician as prescribed by state licensure statutes.” “Athletic trainers relieve widespread and future workforce shortages in primary care support and outpatient rehab professions and provide an unparalleled continuum of care for the patients. Athletic Trainers improve functional outcomes and specialize in patient education to prevent injury and re-injury. Preventative care provided by an athletic trainer has a positive return on investment for employers. ATs are able to reduce injury and shorten rehabilitation time for their patients, which translates to lower absenteeism from work or school and reduced health care costs.” (www.nata.org)

The national professional organization for Athletic Trainers, the National Athletic Trainers’ Association (NATA), was formed in 1950. In partnership with the NATA the certification agency for AT, the Board of Certification (BOC), was formed and those that passed the certification examination were deemed as a “Certified Athletic Trainer”. The entry point for AT education was established as the bachelor’s degree. In 1996, the BOC determined that only those with a bachelor’s degree from an accredited AT program were eligible to sit for the BOC examination. After becoming certified, Athletic Trainers could choose to obtain more education and clinical experience by pursuing a master’s degree. In 1975, the NATA began recognizing accredited Master’s in AT degree programs for students that already obtained their entry-level degree and passed their national BOC examination. Currently, there are twelve of these post-professional Master’s programs recognized by the NATA as accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The University of Kentucky began offering a master’s degree in AT in 2001, joining the group of recognized programs with initial accreditation in 2008. The program has enjoyed great success as a national leader in the preparation of certified athletic trainers pursuing masters degrees and obtained re-accreditation in 2012. The program has grown in enrollment and has continued to serve the needs of the University, the community, and the Commonwealth.

I. Rationale for a Degree Modification

Recently, the leaders of the NATA in partnership with the CAATE and the BOC have determined the profession of AT will transition the education model for preparation of entry-level Athletic Trainers from a bachelor’s degree to a master’s degree. The national mandate is that existing CAATE accredited degree programs can select to make a substantive change in degree by 2022. A consequence of this mandate is that the Post-Professional master’s degree programs will be phased out by the CAATE. After careful evaluation by the AT faculty and an external consultant, along with the support and encouragement of the administration of the College of Health Sciences, we feel we are well positioned to transition our existing “Post-Professional” master’s degree to a “Professional” master’s degree, which will comply, ahead of the mandated deadline, with the accrediting body’s regulations. The AT faculty believe the timing is ideal to establish the degree program transition at UK sooner than later so that we may pursue accreditation status under the new mandate and maintain the program as a national leader and, equally important, provide new opportunities for students in the Commonwealth that did not exist previously at UK. Specifically, this will equate to anticipated increases in enrollment at the pre-professional and professional levels. Going forward, students interested in Athletic Training will have greater access to earn a degree in Athletic Training at the University of Kentucky.

While the Master’s in AT program has thrived for over a decade, the national mandate necessitates this modification in our degree curriculum so that we may remain as a viable option for interested

students both locally and nationally. Separate, but certainly related to our history and our future, we will also consider beginning other advanced preparation programs for athletic trainers (i.e. Professional Residency) that are being suggested and recognized by the CAATE. This is mentioned here to help those reviewing this proposal to understand that the Division of Athletic Training faculty desire to use our expertise and resources to keep UK among the leaders of advanced education in AT as well as meet the needs of entry-level students.

To become compliant with standards and competencies set forth by the CAATE, we have reviewed our current accredited master's curriculum and identified competencies and experiences that can be addressed with existing courses that could be retained. We have identified other competencies and experiences that will necessitate the introduction of several new courses. Therefore, our proposed degree modification will result in a blending of appropriate elements with courses and experiences we currently deliver along with exciting additions. We have illustrated these components in accompanying documents (Appendices B-D) for easier visualization.

II. Degree Name

At UK, we are not requesting a program or degree name change. We wish for the degree to continue to be a "Master of Science in Athletic Training" from the Division of Athletic Training, within the Department of Rehabilitation Sciences housed in the College of Health Sciences. Therefore, we propose to continue to deliver a master's degree program, but modify the curriculum to satisfy the new CAATE standards as a professional/entry-level graduate program. Once this proposed degree modification is approved, we will notify the CAATE of our intent to make a substantive change from a Post-Professional Master's to a Professional Master's and will conduct the steps necessary to obtain accreditation from this organization.

III. Course Prefix and Numbering System

We are not requesting a modification in the course prefix of our courses within the degree program, but wish to retain the prefix of AT. Currently, our required AT courses are 600 and 700 level courses. The proposed curriculum change to the master's degree will be part of a proposed 3+2 degree plan that will be offered to students at the University of Kentucky. This sequence has been studied and selected as a conduit to assist interested students in AT to achieve the requisite credit hours to obtain a bachelor's degree in Health and Human Sciences and the master's degree in AT as efficiently as possible. The Health and Human Sciences department in the College of Health Sciences has begun making plans to propose a designated Pre-Athletic Training option for these students (see Appendix G). Other units within UK may also choose to develop similar options, and we will work with those units and their academic advising personnel that would wish to develop pathways to achieve the necessary pre-requisites to be eligible for admission into the Master of Science in AT degree program.

Therefore, because we wish to make our proposed modification of our master's degree become part of a "3+2" option for UK undergraduate students, we have constructed a curriculum and sequence that will be comprised of mostly 500 and 600 level courses. This "3+2" proposal will be submitted for approval after this current MSAT curriculum is approved. This will help those UK students that will need to complete credit hours in the 4th year of the 3+2 sequence achieve the requisite hours for bachelor degree equivalency by offering some selected courses at the 500 level. However, the majority of the courses (>60%) in this proposed professional master's degree program will be offered at the 600 level. Four of our existing courses will be retained in our modified curriculum. Three of those require no changes or modifications, and one will need a numerical change from a 600 to a 500 level course because of its placement in year 1 of the program (4th year for 3+2 students). New course additions have been proposed at either the 500 or 600 level. Please see accompanying documents for more details on these courses.

IV. Expansion of the Program

The current master's degree in AT is comprised of 42 credits during 2 years including one summer term (Appendix B). The modified degree will expand to 76 credits during two years, with an additional summer term at the front end of the program (Appendix C and D). The rationale for this expansion is again related to the standards and competencies from the CAATE. While there is no standardized length of the program mandated by the CAATE, the AT faculty have carefully reviewed the competencies to determine how best to deliver the model for an accredited program that will provide advanced preparation. We have incorporated many aspects of our current curriculum with the new standards and competencies from the CAATE, and we are confident that the revised program we have developed will distance itself as one of the more rigorous in the country, maintaining our status among the leading programs in the country. Subsequently, the national standards and competencies have been used as the student learning objectives in our proposed new courses.

One significant modification to the degree program will be additional credit hours given for Clinical Practicum hours. Currently, our students are certified athletic trainers and can work clinically without direct supervision by another athletic training preceptor. Athletic Training students in our proposed curriculum will be pre-certification and must participate in supervised clinical hours under an approved preceptor. These hours must be documented and subsequently associated with course credit. There will be additional credit hours given to a series of Clinical Integration courses to ensure learning over time following the introduction of didactic learning (Appendix C and D). Documentation of these hours and experiences is not part of our current master's degree as these students would have completed entry level preparations, passed their certification examination, and do not require direct auditory and visual supervision in their clinical experiences. The addition of these courses alone adds 25 credit hours to our current master's curriculum, but it will be an essential necessity in the preparation of these professional students. In addition, there are didactic courses that we are introducing. The AT faculty are confident that the length of this curriculum is ideal to prepare students for the healthcare workforce and will lead to high pass rates on the BOC examination. In reviewing programs at other institutions that have already made similar transitions, our proposed curriculum content and length is consistent with those programs.

There will be multiple courses that are taught in our current Master of Science in Athletic Training curriculum that will not be part of the proposed modified master's program. At this time, we propose to drop those identified courses from the requisite list, but do not wish to eliminate the courses from the university catalog. Some of these courses that we propose to drop could become pertinent to a future Residency program that we have mentioned above. We have indicated these courses using the requisite forms electronically in Curriculog.

Detailed comparisons of the current (Appendix C) and proposed modified curriculum (Appendix D) have been provided.

V. Addition of New Courses

The proposal includes the addition of 14 new courses (Appendix G). The new courses will fulfill the standards and competencies provided by the CAATE for the entry-level master's programs in Athletic Training. Proposals for the new courses have been submitted through the UK Curriculog electronic system and are currently under review. These new courses are demonstrated in the appendices. A comparison of the current (Appendix C) and proposed curriculums (Appendix D), as well as the proposed sequence of courses within the revised curriculum (Appendix E), are listed in the appendices. A listing and brief description of the courses are below:

1. AT 510: Life-Threatening and Emergency Conditions during Physical Activity

This is a course designed for students pursuing a certification in Athletic Training or similar professional license in health care professions that requires the ability to understand, recognize and manage life-threatening and emergency conditions. This is part of a series of courses that focus on sports injury assessment and recognition. The overall objectives are for the students to provide foundational and conceptual information for the body systems most commonly involved in emergency conditions during physical activity. Students will learn to recognize life-threatening emergency conditions, identify the body systems in crisis, and the associated threats to those body systems. The student will be required to demonstrate competencies in written and practical examinations.

2. AT 610: Evaluation and Treatment of Life-Threatening and Emergency Conditions During Physical Activity

This is a course designed for students pursuing a certification in Athletic Training or similar professional license in the health care professions that requires the ability to perform assessment and management of emergency conditions threatening the life of a human being participating in physical activity. This is part of a series of courses central to the assessment of human body systems that focuses on sports injury assessment and recognition. A combination of lectures and laboratory experiences will be provided in this class in order for the student to perform a comprehensive physical assessment of the skeletal and articular systems. The overall objective is for the students to be able to survey, deliver care and manage an emergency condition that is likely to occur during competition or physical activity. The student will be required to demonstrate competencies in assessment and management decisions assessed via written and practical examinations.

3. AT 520: Management and Administration in Athletic Training

This is a course designed for students pursuing a certification in Athletic Training or similar professional license in health care professions that focuses on the concepts related to the administration of athletic training programs including legal aspects and regulation of clinical practice, department and personnel management, budgeting, medical records management, risk management planning, facility design, development of referral programs and basic program outcome assessment methods.

4. AT 620: General Medical Conditions in the Physically Active

This is a course designed for students pursuing a certification in Athletic Training or similar professional license in health care professions that requires the study of the pathology, etiology, and presentation of common general medical conditions in active populations. Systems will include cardiovascular, respiratory, gastrointestinal, genitourinary, reproductive, and neurologic conditions most common to the physically active. In addition, concepts of pharmacology including pharmacokinetics, basic drug classifications and legal aspects of use will be covered. Specific focus will be placed on common therapeutic drugs used in sports medicine.

5. AT 640: Practicum in Athletic Training

This is a course designed for students pursuing a certification in Athletic Training. This course may be repeated up to 6 times as part of a sequence of practicum courses that combines supervised field experience with review of clinical skills from the classroom. The overall objective of this course sequence is to integrate clinical skills into clinical experiences while emphasizing clinical decision making. Students will complete a range of preceptor supervised clinical hours (100-300) and credit hours (2-6 credit hours) that will vary per semester. Additionally, students will be required to demonstrate proficiency in competencies specific to the semester content.

6. AT 641: Clinical Integration I: Lower Extremity Assessment and Management

This is a course designed for students pursuing a certification in Athletic Training. This is part of a series of courses that provides a review of clinical skills in the classroom. The overall objective of this course sequence is to integrate clinical skills into clinical experiences while emphasizing clinical decision making. The student will be required to demonstrate proficiency related to the competencies in athletic training. Content will be evaluated via traditional and practical examinations.

7. AT 642: Clinical Integration II: Upper Extremity Assessment and Management

This is a course designed for students pursuing a certification in Athletic Training. This is part of a series of courses that provides a review of clinical skills in the classroom. The overall objective of this course sequence is to integrate clinical skills into clinical experiences while emphasizing clinical decision making. The student will be required to demonstrate proficiency related to the competencies in athletic training. Content will be evaluated via traditional and practical examinations.

8. AT 643: Clinical Integration III: Assessment and Management of Life-Threatening and Emergency Conditions During Physical Activity

This is a course designed for students pursuing a certification in Athletic Training. This is part of a series of courses that provides a review of clinical skills in the classroom. The overall objective of this course sequence is to integrate clinical skills into clinical experiences while emphasizing clinical decision making. The student will be required to demonstrate proficiency related to the competencies in athletic training. Content will be evaluated via traditional and practical examinations.

9. AT 644: Clinical Integration IV: Therapeutic Modalities and Advanced Rehabilitation

This is a course designed for students pursuing a certification in Athletic Training. This is part of a series of courses that provides a review of clinical skills in the classroom. The overall objective of this course sequence is to integrate clinical skills into clinical experiences while emphasizing clinical decision making. The student will be required to demonstrate proficiency related to the competencies in athletic training. Content will be evaluated via traditional and practical examinations.

10. AT 550: Evidence-Based Practice in Athletic Training

This is a course designed for students pursuing a certification in Athletic Training or similar professional license in health care professions. Students will be exposed to the importance of supportive, validated research to establish evidence for clinical practice. Lectures will provide foundational information for students to understand the 5 steps of seeking and integrating research into clinical practice. The student will be required to demonstrate competencies in evidence-based concepts in written examinations, as well as complete a written and oral presentation of a literature review that utilizes evidence based concepts to address a clinical question.

11. AT 591: Foundations and Pathophysiology of the Musculoskeletal System for Athletic Trainers: Muscle, Tendon, and Nervous Tissues

This is a course designed for students pursuing a certification in Athletic Training or similar professional license in health care professions that require the assessment and management of injuries to the musculoskeletal system. This is part of a series of courses whose content is organized according to anatomical and physiological human body systems. The objective of this class is to understand normal and pathological conditions of the musculoskeletal system

specifically focusing on muscle, tendon and nerve structures, and systems common to sports injuries. The student will be required to demonstrate competencies via written examinations.

12. AT 592: Foundations and Pathophysiology of the Musculoskeletal System for Athletic Trainers: Articular/Bone/Cartilage

This is a course designed for students pursuing a certification in Athletic Training or similar professional license in health care professions that require the assessment and management of injuries to the musculoskeletal system. This is part of a series of courses whose content is organized according to anatomical and physiological human body systems. The objective of this class is to understand normal and pathological conditions of the musculoskeletal system specifically focusing on bone, ligament and cartilage structures and systems common to sports injuries. The student will be required to demonstrate competencies via written examinations.

13. AT 593: Foundations and Pathophysiology of the Musculoskeletal System for Athletic Trainers: Integumentary and Inflammatory Systems

This is a course designed for students pursuing a certification in Athletic Training or similar professional license in health care professions that require the assessment and management of injuries to the musculoskeletal system. This is part of a series of courses whose content is organized according to anatomical and physiological human body systems. The objective of this class is to understand normal and pathological conditions of the musculoskeletal system specifically focusing on integumentary and inflammatory systems common to sports injuries. The student will be required to demonstrate competencies via written examinations.

14. AT 691: Therapeutic Modalities for Athletic Trainers

This is a course designed for students pursuing a certification in Athletic Training or similar professional license in health care professions that requires the ability to treat and manage symptoms of musculoskeletal conditions using therapeutic modalities. A combination of lectures and laboratory experiences will be provided for the student to gain theoretical knowledge and practical application of the use of these physical agents. The overall objective is for the students to develop the skills necessary to select appropriate modalities that can be used when providing care for musculoskeletal injuries sustained by physically active individuals. The student will be required to demonstrate competencies in therapeutic modality applications with both written and practical examinations.

VII. Credit Hours

The AT program is proposing a change from 42 credit hours of professional courses to 76 credit hours of professional courses. See Appendix B for details of the current degree curriculum and Appendix C and D for more information about the proposed revised curriculum.

Appendix C: Current Curriculum

Post-Professional Master of Science in Athletic Training

Mission: The mission of the Division of Athletic Training is to provide course work and clinical experiences designed to develop skills necessary to become proficient in sports injury prevention, education, and rehabilitation. It is a goal that graduates become: critical consumers of research and accepted clinical practices, advanced health care providers, and leaders in the clinical, educational, and research endeavors of the profession.

The AT Program accommodates both Board of Certification (BOC) certified athletic trainers and [Board of Certification](#) (BOC) “certification eligible” athletic trainers.

Below is an overview of the University of Kentucky Athletic Training (UKAT) Program. Additionally, applicants may acquire admissions information at UK's Graduate School [website](#) and in the [Graduate School Bulletin](#) about graduate admissions and [UKAT Program graduate admissions requirements](#).

Admission Requirements

All applicants must meet the minimum academic standards for The Graduate School. Additionally, applicants must also present with the following requirements:

- Bachelor's degree from an accredited institution of higher education (college or university)
- Completion of the requirements of a CAATE accredited entry-level program in Athletic Training
- Successful passing of the BOC athletic training examination or eligible to sit for the BOC examination
 - Eligible for State of Kentucky Athletic Trainer licensure
- Graduate Record Examination
 - Students need to submit an official and original GRE score report to The Graduate School. The scores must be from within the last five years. UK's school code is RA1837
- Personal Statement
 - A 1-page essay that summarizes the applicant's interest in becoming an athletic trainer
- Professional references
 - A list of three professional references
- First-Aid Certification
 - Applicants must hold current first-aid and CPR certifications through either the American Heart Association or the American Red Cross.
- Undergraduate Institution Academic Transcript
- Students must participate in an on-campus interview.

Curriculum

Students are provided advanced instruction in musculoskeletal anatomy, evaluation and rehabilitation; research methodology and the scientific process. Students must complete 42 credit hours, including 6 hours of Scientific Methodology, 9 hours of Orthopaedic Evaluation in Athletic Training, Rehabilitation in Athletic Training, and Musculoskeletal Anatomy; and 4 hours of graduate level statistics.

Master's candidates with the approval of the division may select either a thesis or a non-thesis option. Most students have traditionally selected a non-thesis option. An example of a non-thesis option is below.

	Year 1	Credit hr	Year 2	Credit hr
Summer			AT 740: Musculoskeletal Anatomical Dissection	3
Fall	AT 670: Scientific Inquiry in Athletic Training I	2	AT 660: Directed Study in Research	3
	AT 682: Clinical Seminar in Athletic Training	1	AT 672: Scientific Inquiry in Athletic Training III	2
	AT 720: Sports Medicine	4	AT 682: Clinical Seminar in Athletic Training	1
			AT695: Orthopedic Evaluation of the Spine	4
Spring	AT 671: Scientific Inquiry in Athletic Training II	2	AT 660: Directed Study in Research	3
	AT 682: Clinical Seminar in Athletic Training	3	AT 673: Scientific Inquiry in Athletic Training IV	2
	AT695: Orthopedic Evaluation and Rehabilitation of the Lower Extremity	4	AT 682: Clinical Seminar in Athletic Training	1
	AT 700: Muscle Mechanics	3	AT695: Orthopedic Evaluation and Rehabilitation of the Upper Extremity	4

Appendix D: Overview, Admission Requirements, and Prerequisites for Proposed Modified Degree

Professional Master of Science in Athletic Training

Mission: The mission of the Division of Athletic Training will be to provide course work and clinical experiences that are designed to develop skills necessary to become proficient in sports injury prevention, education, and rehabilitation. It is a goal that graduates become: critical consumers of research and accepted clinical practices, advanced health care providers, and leaders in the clinical, educational, and research endeavors of the profession.

Below is an overview of the University of Kentucky Athletic Training (UKAT) Program. Additionally, applicants may acquire admissions information at UK's Graduate School [website](#) and in the [Graduate School Bulletin](#) about graduate admissions.

Admission Requirements

All applicants must meet the minimum academic standards for The Graduate School. Additionally, applicants must also present with the following requirements:

- Completion of a minimum of 85 credit hours of the following coursework at the undergraduate or graduate level with a minimum grade equivalent of a “C” in all prerequisite coursework, with a minimum overall GPA ≥ 3.0 (out of a 4.0):
- Prerequisite coursework
 - Chemistry (4 credits including lab)
 - Calculus (3 credits)
 - Biology (3 credits)
 - Physics (3 credits)
 - Psychology (3 credits)
 - Basic Emergency Care/First-Aid (2 credits)
 - Statistics (3 credits)
 - Medical Terminology (3 credits)
 - Human Anatomy (3 credits)
 - Human Physiology (3 credits)
 - Exercise Physiology (3 credits)
 - Biomechanics (3 credits)
 - These additional courses are recommended, but not required for admission:
 - Introduction to Athletic Training
 - Research Methods/Scientific Writing
- Observational Hours:
 - Students applying to the UKAT program are required to complete and document 100 hours of observation under the supervision of a Certified Athletic Trainer. At least half (50 hours) must be completed in traditional athletic training settings (e.g. high school, collegiate or professional sports).
- Graduate Record Examination
 - Students need to submit an official and original GRE score report to the Graduate School. The scores must be from within the last five years. Use UK's school code: RA1837

- Personal Statement
 - A 1-page essay that summarizes the applicant's interest in becoming an athletic trainer
- Professional references
 - A list of three professional references
- First-Aid Certification
 - Applicants must hold current first-aid and CPR, and Basic Life Support certifications through either the American Heart Association or the American Red Cross.
- Undergraduate Institution Academic Transcript
 - UK undergraduate students must demonstrate ability to satisfy UK undergraduate requirements or, once approved, selection of the 3+2 described previously that is undergoing review
 - Non-UK Undergraduate students must demonstrate progression to graduate prior to the beginning of the master's curriculum.

Proposed Curriculum

Successful graduates of the UK Master's in AT program will have completed a course of study following the guidelines set forth by the Commission for Accreditation of Athletic Training Education, and have achieved the learning outcomes reflected in the Athletic Training Competencies.

<http://caate.occutrain.net/wp-content/uploads/2013/04/5th-Edition-Competencies.pdf>

The curriculum follows a medical model and is organized across three levels: 1) Foundational knowledge organized according to human body systems approach, including: Muscle, Tendon and Nervous; Articular, Bone and Cartilage; Integumentary and Immune ; 2) A transition from an emphasis on knowledge acquisition to application where students are expected to integrate the human systems approach to the recognition, assessment and management of pathologies common to physically active individuals; and 3) The application of the best available evidence for practice standards is emphasized. Students are expected to develop effective and evidence-based interventions to return the individual to their highest level of function.

Throughout the six semesters clinical education experiences and proficiencies are interwoven to prepare the graduate to practice independently and pass the Board of Certification examination for the attainment of the professional title of "Athletic Trainer". The degree consists of 76 credit hours, all of which will be required. The masters' degree will be a non-thesis option, requiring a comprehensive final examination to be completed in the last semester.

	Year 1	Credit hr	Year 2	Credit hr
Summer	AT 590: Musculoskeletal Anatomical Dissection	3	AT 640: Practicum in Athletic Training (100 clinical hrs)	2
	AT 591: Foundations and Pathophysiology of the Musculoskeletal System for Athletic Trainers: Muscle, Tendon, and Nervous Tissues	3	AT 641: Clinical Integration I: Lower Extremity Assessment and Management	1
	AT 550: Evidence-Based Practice in Athletic Training	3	AT 610: Assessment and Management: Life-Threatening and Emergency Conditions During Physical Activity	4
			AT 640: Practicum in Athletic Training (100 clinical hrs)	2
Fall	AT 520: Management and Administration in Athletic Training	3	AT 692: Orthopedic Evaluation of the Spine	4
	AT 592: Foundations and Pathophysiology of the Musculoskeletal System for Athletic Trainers: Articular/Bone/Cartilage	3	STAT 570: Basic Statistical Analysis	4
	AT 593: Foundations and Pathophysiology of the Musculoskeletal System for Athletic Trainers: Integumentary and Immune Systems	2	AT 640: Practicum in Athletic Training (250 clinical hrs)	5
	AT695: Orthopedic Evaluation and Rehabilitation of the Lower Extremity	4	AT 642: Clinical Integration II: Upper Extremity Assessment and Management	1
	AT 640: Practicum in Athletic Training (150 clinical hrs)	3		
Spring	HHS 400G: Nutrition for Physical Activity, Injury Prevention, and Rehabilitation	2	KHP 547: Psychology of Sport and Physical Activity	3
	AT 510: Life-Threatening and Emergency Conditions During Physical Activity	3	AT 640: Practicum in Athletic Training (300 clinical hrs)	6
	AT 690: Orthopedic Evaluation and Rehabilitation of the Upper Extremity	4	AT 643: Clinical Integration III: Assessment and Management of Life-Threatening and Emergency Conditions During Physical Activity	1
	AT 640: Practicum in Athletic Training (150 clinical hrs)	3	AT 644: Clinical Integration IV: Therapeutic Modalities and Advanced Therapeutic Rehabilitation	1
	AT 691: Therapeutic Modalities for Athletic Trainers	3	AT 620: General Medical Conditions in the Physically Active	3

Appendix E: Recommended Sequence of Required Courses for Proposed Master of Science in Athletic Training Degree

Year/Semester	Course Number	Course Title	Credit Hours
1/summer 1	AT 590	Musculoskeletal Anatomical Dissection	3
1/summer 2	AT 591	Foundations and Pathophysiology of the Musculoskeletal System for Athletic Trainers: Muscle, Tendon, and Nervous Tissues	3
	AT 550	Evidence-Based Practice in Athletic Training	3
Semester Total			9
1/fall	AT 520	Management and Administration in Athletic Training	3
	AT 592	Foundations and Pathophysiology of the Musculoskeletal System for Athletic Trainers: Articular/Bone/Cartilage	3
	AT 593	Foundations and Pathophysiology of the Musculoskeletal System for Athletic Trainers: Integumentary and Immune Systems	3
	AT 695	Orthopedic Evaluation and Rehabilitation of the Lower Extremity	4
	AT 640	Practicum in Athletic Training (150 clinical hrs)	3
Semester Total			16
1/spring	HHS 400G	Nutrition for Physical Activity, Injury Prevention, and Rehabilitation	2
	AT 510	Life-Threatening and Emergency Conditions During Physical Activity	3
	AT 690	Orthopedic Evaluation and Rehabilitation of the Upper Extremity	4
	AT 640	Practicum in Athletic Training (150 clinical hrs)	3
	AT 691	Therapeutic Modalities for Athletic Trainers	3
Semester Total			15
2/summer 1	AT 640	Practicum in Athletic Training (100 clinical hrs)	2
	AT 641	Clinical Integration I: Lower Extremity Assessment and Management	1
2/summer 2	AT 640	Practicum in Athletic Training (100 clinical hrs)	2
	AT 610	Assessment and Management: Life-Threatening and Emergency Conditions During Physical Activity	4
Semester Total			9
2/fall	AT 692	Orthopedic Evaluation of the Spine	4
	STAT 570	Basic Statistical Analysis	4
	AT 640	Practicum in Athletic Training (250 clinical hrs)	5
	AT 642	Clinical Integration II: Upper Extremity Assessment and Management	1
Semester Total			14
2/spring	KHP 547	Psychology of Sport and Physical Activity	3
	AT 640	Practicum in Athletic Training (300 clinical hrs)	6
	AT 643	Clinical Integration III: Assessment and Management of Life-Threatening and Emergency Conditions During Physical Activity	1
	AT 644	Clinical Integration IV: Therapeutic Modalities and Advanced Therapeutic Rehabilitation	1
	AT 620	General Medical Conditions in the Physically Active	3
Semester Total			14
Curriculum Total			77

Appendix F: Evidence of Support from Division of Athletic Training Faculty

November 21, 2016

Memorandum

TO: Janice Kuperstein, Chair, Department of Rehabilitation Sciences, College of Health Sciences

FR: Faculty of the Division of Athletic Training, Department of Rehabilitation Sciences

RE: Support for Curriculum Changes in the Master of Science in Athletic Training

The faculty of the Division of Athletic Training in the Department of Rehabilitation Sciences and The College of Health Sciences offer support to the proposed curriculum changes in the Master of Science in Athletic Training. After careful discussions and analysis, the need for the transition to an entry-level format in the curriculum to comply with the national accreditation standards affecting Athletic Training education is necessary, and our faculty support a transition of our existing master degree to meet these impending national requirements.

We have considered the existing standards and competencies from the Commission on Accreditation in Athletic Training Education (CAATE) and have prepared proposed curriculum revisions to meet these requirements.

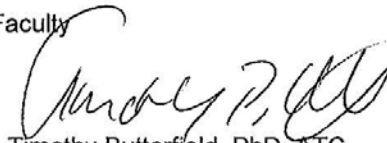
Discussions with the administration of the College of Health Science has yielded support in resources and personnel necessary to make this transition. Therefore, by a vote of 5-0 at our Division Faculty meeting on November 21, 2016, we unanimously support the submission for a degree program revision and associated course proposals to transition our Master of Science in Athletic Training.

Sincerely,

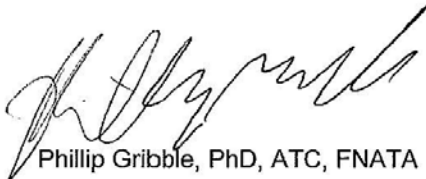
Division of Athletic Training Faculty



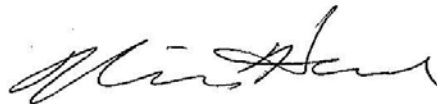
John Abt, PhD, ATC



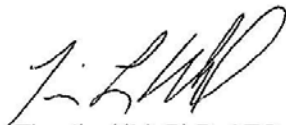
Timothy Butterfield, PhD, ATC



Phillip Gribble, PhD, ATC, FNATA



Nick Heebner, PhD, ATC



Timothy Uhl, PhD, ATC, FNATA

Appendix G: Letter of Support from Department of Health and Human Sciences Faculty

January 20, 2017

Memorandum

TO: Janice Kuperstein, Chair, Department of Rehabilitation Sciences, College of Health Sciences

FR: Faculty of the Division of Health Sciences, Education and Research (HSER), Department of Clinical Sciences

RE: Support of Athletic Training Track in the HHS degree and Integration with the 3+2 Master's program

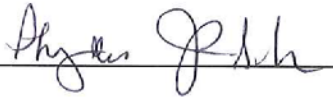
The faculty of the Division of HSER in the Department of Clinical Sciences offer the full support of faculty to integration of the Human Health Sciences program with the Master of Science in Athletic Training (MAT) to establish a 3+2 program. After careful discussions at our HSER division meetings on the following dates 1/9/17, 12/19/16, 12/12/16, 11/7/16, 8/17/16 (Retreat), and consideration of the impact the AT track will have on HHS student enrollment, classroom size and teaching loads and with support from Dean Lephart for added resources the faculty are fully supportive of adding the AT track to the HHS curriculum.

The proposed offering of an AT track in HHS will provide undergraduate students at UK the necessary pre-requisites to prepare them for competitive admission into the MAT program. We have communicated with the faculty in Athletic Training to help them formulate the appropriate sequence of courses that will meet these pre-requisites for admission here at UK as well as other similar graduate programs across the country.


Additionally, we have worked with the faculty of Athletic Training to develop the 3+2 program, keeping intact the core HHS curriculum ensuring that students will receive their baccalaureate degree after attaining 120 credit hours. We have made it clear that this 3+2 partnership is not the exclusive path for admission into the MAT program, but this will provide a unique, solid science foundation and a healthcare emphasis enabling students to attain both a baccalaureate and master's degree in 5 years which should be attractive route for many students.

Respectfully,


Interim Chair of Clinical Sciences, Phyllis Nash



Division of HSER Faculty:



Geza Bruckner, PhD

Ming Chih, PhD

Rachel Graham, PhD

Karen Skaff, PhD

Jami Warren, PhD.

Appendix H: Letter of Support from Department of Kinesiology and Health Promotions



November 15, 2016

Memorandum

TO: Phillip Gribble, Director, Division of Athletic Training, College of Health Sciences

RE: Support of Curriculum Changes in the Master of Science in Athletic Training

The faculty of the Department of Kinesiology and Health Promotion offer support to the proposed curriculum changes in the Master of Science in Athletic Training in the College of Health Sciences. After discussions of the proposal and the rationale, we understand the need for the transition to an entry-level format in the curriculum to comply with the national accreditation standards affecting Athletic Training education.

We understand that the revised master degree will require new pre-requisites for students applying for admission into this program. Several of these pre-requisite courses could be acquired in our Department of Kinesiology and Health Promotion (i.e. KHP 415: Biomechanics of Human Movement, KHP 420G: Physiology of Exercise, etc), and we look forward to helping to service some of the pre-requisite needs of UK students that are pursuing admission into the Master of Science of Athletic Training Program.

Additionally, we are in support of the inclusion of a current course offering in our department, KHP 547: Psychology of Sport and Physical Activity, as a component of the revised curriculum for the Master of Science in Athletic Training degree program. We look forward to working with your program to offer this course to your graduate students. We look forward to continuing to work with the Division of Athletic Training as you transition and grow your Master of Science degree program, and to promoting this program to students interested in the pursuit of the profession of Athletic Training.

Sincerely,

A handwritten signature in blue ink that reads 'Ben Johnson'.

Ben Johnson, Ed.D

Professor

Chair, Department of Kinesiology and Health Promotion

College of Education

BFJohnson@uky.edu

(859) 257-5826

Appendix I: Additional Letters of Support and Approval



College of Health Sciences
Department of Rehabilitation Sciences

December 12, 2016

RE: Curriculum Changes in the Master of Science in Athletic

To Whom it May Concern:

I am writing in support of the curriculum changes requested by Phillip Gribble, PhD, ATC and the Athletic Training faculty. As noted in the thorough memorandum he prepared, these changes reflect a modification of the existing program in response to upcoming changes in accreditation standards from the Commission on Accreditation of Athletic Training Education (CAATE). The degree will continue to be a Master of Science in Athletic Training within the Department of Rehabilitation Sciences, College of Health Sciences. In order to meet expectations for an entry-level masters program, 14 new courses will be added.

The implementation of the proposed modifications has been thoroughly considered and the College and Department are committed to providing the resources necessary for successful transition.

Sincerely,

A handwritten signature in cursive script that reads 'Janice Kuperstein'.

Janice Kuperstein, PT, PhD
Professor and Chair, Department of Rehabilitation Sciences
Associate Dean for Clinical Engagement

see blue.