



College of Medicine  
School of Health and Rehabilitation Sciences  
Athletic Training Division

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Curriculum Committee  
School of Health and Rehabilitation Sciences

**RE: Athletic Training Major – Curriculum Revision 2/2013**

Dr. Lane and members of the SHRS Curriculum Committee,

The Athletic Training Division has performed an assessment of our semester based curriculum. As could be expected, the implementation of the semester curriculum in 2012-13 has revealed several areas where our currently approved curriculum for the Athletic Training major is not working as well as it needs to either in terms of sequencing, content delivery, or student development and growth. The AT Division faculty has met to examine these issues and requests the revisions outlined below. The sum of these revisions represents a net reduction in the total credit hours for the major of (2) credit hours from 131 to 129 as follows:

Change type	Change	Credit Change	Total Credits
Currently Approved Major			131 credits
Remove course	HTRHSC 4000 no longer used	-3	
	HTRHSC 5500 no longer used	-4	
Re-value course	ATHTRNG 2000 increased from 2 to 3 credits	+1	
	ATHTRNG 3800 increased from 2 to 4 credits	+2	
Create course	ATHTRNG 4120	+1	
	ATHTRNG 3750	+1	
Major with all requested changes			129 credits (net reduction of 2 credits)

1. **Removal of two courses from the major requirements** (combined gross reduction of 7 credit hours from the major)
  - a. HTRHSC 4000 – *Application of Ethical Decision Making in Health Care* (U3)
    - i. Rationale – Student feedback has demonstrated that the conventional / hospital model of health care ethics in this course is not meeting our program’s unique needs. While student are very complimentary of the instructor and content delivery, there are fundamental contextual differences between how care is provided in our setting (athletic medicine) vs. other health care settings. Ethical dilemmas, sources of conflict, approaches to conflict resolution, motivators and processes for care decisions, and other factors presented in our setting are

somewhat unique and this conventional ethics course cannot adequately prepare our students to face them.

- ii. Programmatic implications – This change will go into effect for Autumn 2013 and will impact student schedules starting Autumn 2013. Profession specific required ethical content will be absorbed into several other division courses including ATHTRNG 4500 and 4600. The removal of this course does not meaningfully alter sequence and it reduces overall student load in the program. The (autumn of senior year) semester load does not change because of a sequencing change described below (move a GE course to this term).

b. HTHRHSC 5500 – *Introduction to Pathophysiology* (UG 4)

- i. Rationale – prior to the 2012-13 semester curriculum, this content was taught within the Division’s ATHTRNG 540 course (*Care of Medical Emergencies, Trauma, and Disease*). With the semester conversion, we scaled back our Division’s course (now ATHTRNG 3800) to limit it to just the clinical diagnosis and management content and our students joined HTHRHSC 5500 for the pathophysiology content. Both are taken concurrently during a term in which students are enrolled for a recommend 18 credit hours. Difficultly reconciling the topic schedules for the two courses, the online format of 5500, and a lack of student understanding of which content is critical v. cursory for the practice of our profession all support our recommended change. We will address the required content in a more efficiently in a re-worked ATHTRNG 3800 described below.
- ii. Programmatic implications – This change will go into effect for Autumn 2013 and will impact student schedules starting Spring 2014. This change is dependent on the addition of 2 credits to ATH TRNG 3800 described below and does not alter sequencing. Removal of this course and return of the essential content to our concurrently offered 3800 course makes a minimal impact on the content delivery. The change will reduce the very heavy credit hour burden that taking both courses was causing. The re-worked total load for the (spring of junior year) semester changes from 18 hours to 16 hours.

**2. Increasing the credit hours for two courses** (combined gross addition of 3 credit hours)

a. ATHTRNG 2000 – *Basic Athletic Training* (U2) - Add 1 credit to this course, making it (U3)

- i. Rationale – prior to 2012-13, this course was taught in a lecture + lab + field observation format taught twice per year. Under semesters, we split it to two courses (one lecture, one lab + field observation) without changing the relative credit hour value of the total. It is apparent that the lecture course in its semester format does not afford enough time to cover all of the required content and needs to be expanded by 1 credit hour.
- ii. Programmatic implications – This change will go into effect for Autumn 2013 and will impact student schedules starting Autumn 2013. This change does not alter sequencing, but increases the load for the (autumn of freshman year) semester from 15 hours to 16 hours. This increase does not translate to the overall program however because it is more than offset by the load reductions from the courses removed above.

- b. ATHTRNG 3800 - *Care of Medical Emergencies, Trauma, and Disease* (U2) - Add 2 credits, making it (U4)
  - i. Rationale – the removal of HTHRHSC 5500 (described above) necessitates moving some required pathophysiology content to this course (reverting back to the way it was offered prior to the semester conversion).
  - ii. Programmatic implications – This change will go into effect for Autumn 2013 and will impact student schedules starting Spring 2014. This change is dependent on the removal of HTHRHSC 5500 from the major as described above and does not alter sequencing. It decreases the load for the (spring of junior year) semester from 18 hours to 16 hours.
  
3. **Creating two new courses required for the major** (combined gross addition of 2 credit hours)
  - a. ATHTRNG 4120 – *Athletic Training Skills Assessment VI* (U1) – spring of senior year
    - i. Rationale – We have assessed that our semester based skills assessment course sequence (2100, 3100, 3110, 4100, 4110) has some content gaps and also is unbalanced in terms of the quantity of material in each course. We propose re-balancing the content and adding one additional course (1 credit) to address these issues. We found this preferable to adding a credit hour to an existing course because it permits us to keep all of the clinical skills assessment courses in the series to a similar format (1 cr hr each). The new course will focus on assessment of clinical proficiency related to diagnosing and managing non-musculoskeletal injuries and illnesses.
    - ii. Programmatic implications – This change will go into effect for Autumn 2013 and will impact student schedules starting Spring 2015 (our graduating class of 2014 covered this material this year, so they will not have this course next year) . This change does not alter sequencing, but increases the load for the (spring of senior year) semester from 14 hours to 15 hours. This increase does not translate to the overall program however because it is more than offset by the load reductions from the courses removed above.
  
  - b. ATHTRNG 3750 – *Musculoskeletal Screening and Corrective Techniques* (U1) – spring of junior year
    - i. Rationale – We have identified a curricular deficiency in accreditation mandated competencies related to musculoskeletal screening and the safe and correct use of strength training equipment to correct musculoskeletal based injury risks. This small area of focused content better lends itself to the creation of a specific course rather than trying to add this content to existing courses.
    - ii. Programmatic implications - This change will go into effect for Autumn 2013 and will impact student schedules starting Spring 2014. This change does not alter sequencing, but increases the load for the (spring of junior year) semester from 15 hours to 16 hours. This increase does not translate to the overall program however because it is more than offset by the load reductions from the courses removed above.
  
4. **Re-sequencing two existing courses**
  - a. Move EEOB 2520 – *Human Physiology* (U3) from a Freshman Year pre-requisite into the Sophomore Year as a major requirement.
    - i. Rationale – our current freshman prerequisites included 4 sciences, 3 of which were taken in a single semester. This was a very difficult advising plan and was

identified as a barrier to entry for our major. Recent discussion in the School of HRS Executive Committee has promoted increased flexibility on the sequencing of program pre-requisites in order to better facilitate the entry of pre-major students into our programs. This change is intended to do precisely that.

- ii. Programmatic implications - This change will go into effect for Autumn 2013 and will impact student schedules starting Spring 2014. This sequencing change necessitates a change to the Degree Audit and to the CAP sheet. It reduces the (spring of freshman year) load from 18 to 15 credits and does not alter the (autumn of sophomore year) semester load because of the re-sequencing of a GE course (described next in item 4b).

- b. Move GE [art] from the sophomore year to the senior year.

- i. Rationale – this makes room for the move of EEOB 2520 to the sophomore year. In our program, it is imperative that students complete major courses early in order to allow them to refine their clinical skills. This generally means that our major students will take a larger number of GE courses later in their program instead of in earlier years.
- ii. Programmatic implications - This change will go into effect for Autumn 2013 and will impact student schedules starting Autumn 2014. This sequencing change DOES NOT require any changes to the degree audit, but does cause a change to the CAP sheet.

**5. Revise course pre-requisites or descriptions for courses not otherwise changed in other parts of this proposal.**

- a. Change the PRE-REQUISITES for the following courses to be as they are listed here (**KEY: unchanged, deletions, additions**):

- i. ATHTRNG 2010: **Prereq or** Concur: 2000. Not open to students with credit for 303.
- ii. ATHTRNG 2100: Prereq 2300 ~~and 2310~~. Not open to students with credit for 430, 431, or 432.
- iii. ATHTRNG 2200: Prereq: Anatomy ~~2199~~ **2300.04**, and admission to the Athletic Training Program.
- iv. ATHTRNG 3089: Prereq: ~~2100 and 2189~~ **2200**. Not open to students with credit for 350.
- v. ATHTRNG 3100: Prereq: ~~2300 and 2310~~ **2100**. Not open to students with credit for 431 or 432.
- vi. ATHTRNG 3700: Prereq: 3500, ~~and 3600~~–Concur: **and** EduPAES 5500. Not open to students with credit for 521.
- vii. ATHTRNG 3800: Prereq: ~~2310 or AlliMed 5500~~ **2300 and EEOB 2520**. Not open to students with credit for 540.
- viii. ATHTRNG 4100: Prereq: ~~3700 and 3800~~ **3110**. Not open to students with credit for 631.
- ix. ATHTRNG 4110: Prereq: ~~4500 and 5510~~ **4100**. Not open to students with credit for 632.
- x. ATHTRNG 4189: Prereq: ~~3389~~ **2189**. Not open to students with credit for 630.
- xi. ATHTRNG 4500: Prereq: ~~3800~~ **3700**. Not open to students with credit for 625.

- b. Change the DESCRIPTION of the following courses to be as they are listed here:

- i. ATHTRNG 3189: Supervised Athletic Training clinical experience in the intercollegiate athletics setting. First of ~~three~~ **two** course sequence.
  - ii. ATHTRNG3289: Supervised Athletic Training clinical experience in the intercollegiate athletics setting. Second of ~~three~~ **two** course sequence.
  - iii. ATHTRNG 3389: Supervised Athletic Training clinical experience in the intercollegiate athletics setting **for rotations that extend into the May Term**.  
~~Third of three course sequence~~
- c. Rationale – these changes correct errors that were created with either the initial semester conversion, when programmatic changes approved in spring 2012 were not incorporated into the university’s course offerings bulletin, or that have been created by the revisions in this proposal but not addressed elsewhere. Our students have been able to enroll in courses solely because we were able to temporarily suspend the electronic enforcement of the incorrect pre-requisites. Permanently correcting these errors requires approval of the School’s curriculum committee and then CAA in order to make revisions to the pre-requisite list for each course as shown in the university’s course offerings bulletin.
- d. Programmatic implications – these changes do not alter load, but correct problems created by some previous sequencing changes or course number errors.

Thank you for your consideration of these requests. I would be more than happy to attend a curriculum committee meeting in the near future to outline, discuss, and answer any questions you or the committee may have regarding these proposed changes.

Sincerely,



Mark A. Merrick, PhD, ATC  
Director, Athletic Training Division

**OHIO STATE ATHLETIC TRAINING – REVISED Plan of Study**

revised 2.6.2013

Undergrad program = ~~131~~ 129 hours total

Clinical Theme  
→

BRIEF observation

Skill building

Collegiate

Off-Campus

	<b>Freshman (<del>26</del> 34 hrs)</b>	<b>Sophomore (<del>33</del> 31 hrs)</b>	<b>Junior (<del>31</del> 32 hrs)</b>	<b>Senior (<del>24</del> 32 hrs)</b>
<b>Summer</b>				
<b>Autumn</b>	HRS 1000 (1) ATH TRNG 2000 [basic AT] ( <del>2</del> 3) MATH 1148 (4) CHEM 1210 (5) ENGLISH 1110 (3)  <del>15</del> 16 hours	ATH TRNG 2189 [int clin care] (3) ATH TRNG 2300 [diagnos 1] (3) HRS 5900 [research] (3) EEOB 2520 [physiology] (3) PSYCH 1100 (3) GE [art] (3)  15 hours	ATH TRNG 3089 [preseason] (1) ATH TRNG 3189 [field exp: colleg 1] (5) ATH TRNG3100 [skills assess 2] (1) ATH TRNG 3500 [modalities] (3) ATH TRNG 3600 [biomech] (3) PAES 5500 ex phys (3)  16 hours	ATH TRNG 4189 [field exp: HS] (5) ATH TRNG 4100 [skill assess 4] (1) <del>HRS 4000 [ethics] (3)</del> ATH TRNG 4500 [admin] (3) HRS 5510 [pharm] (2) GE [2 <sup>nd</sup> writing] (3) GE [art] (3)  17 hours
<b>Spring</b>	ATH TRNG 2010 [preclin skill] (1) BIOL 1113 (4) ANATOMY 2300.04 (4) <del>EEOB 2520 [physiology] (3)</del> HRS 2500 [med term] (3) GE [cultures & ideas] (3)  <del>18</del> 15 hours	ATH TRNG 2289 [field exp: mult] (3) ATH TRNG 2100 [skills assess 1] (1) ATH TRNG 2310 [diagnos 2] (3) <del>HRS 5500 [path] (4)</del> ATH TRNG 3800 [emer, trauma, dis] ( <del>2</del> 4) PHYSICS 1200 (5)  <del>18</del> 16 hours	ATH TRNG 3289 [field exp: colleg 2] (5) ATH TRNG 3110 [skills assess 3] (1) ATH TRNG 3700 [ther ex] (3) <b>ATH TRNG 3750 [muscskel screen] (1)</b> HRS 4530 [nutrition] (3) GE [literature] (3)  15 16 hours	ATH TRNG 4289 [7wk field exp: GM] (1) ATH TRNG 4110 [skill assess 5] (1) <b>ATH TRNG 4120 [skill assess 6] (1)</b> ATH TRNG 4600 [psychosoc] (3) STAT 1350 or 1450 (3) GE [soc sci 2] (3) GE [hist] (3)  14 15 hours
<b>May</b>	<ul style="list-style-type: none"> <li>ATH TRNG 2200 [foundations of AT diagnosis] (3)</li> </ul> 3 hours		<ul style="list-style-type: none"> <li>ATH TRNG 3389 [may clin elective] (1)</li> </ul> 0 hour	