

Athletic Training B.S.

College of Education  
Department of Kinesiology and Physical Education  
Athletic Training  
Bachelor of Science  
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## 1. Introduction

Per direction from our accrediting body, the Commission on Accreditation on Athletic Training Education (CAATE), the current Standard for Professional Athletic Training Programs is: “CAATE accredited professional athletic training programs must result in the granting of a master’s degree in Athletic Training.” The timeline for compliance with Standard 2: Baccalaureate programs may not admit, enroll, or matriculate students into the athletic training program after the start of the fall term 2022. The NIU athletic training program admitted its last class of undergraduates in the Fall of 2017 and will teach out the three current levels of undergraduate athletic training students. The Master of Science in Athletic Training program is slated to begin classes Summer of 2020.

## 2. Student Learning Outcomes (SLOs)

**SLO 1:** Students will demonstrate competency in the below discipline-specific knowledge domains, as evidenced by students’ scores on the Board of Certification (BOC) examination and practice examinations in KNPE 435.

- 1) Injury/Illness Prevention and Wellness Promotion
- 2) Examination, Assessment and Diagnosis
- 3) Immediate and Emergency Care
- 4) Therapeutic Intervention
- 5) Healthcare Administration and Professional Responsibility

**SLO 2:** Students will demonstrate proficiency in discipline-specific skills in the areas identified below, as evidenced by evaluation conducted by the students’ preceptors each clinical experience (KNPE 331,332,434,435)

- 1) Evidence Based Practice
- 2) Prevention and Health Promotion
- 3) Clinical Examination and Diagnosis
- 4) Acute Care of Injury and Illness
- 5) Therapeutic Interventions
- 6) Psychosocial Strategies and Referral
- 7) Healthcare Administration
- 8) Professional Development and Responsibility

**SLO 3:** Students will demonstrate appropriate professional behaviors, as evidenced by an evaluation conducted by students’ preceptors each clinical experience (KNPE 331,332,434,435, and 494)

**SLO 4:** Students will communicate clearly and effectively both orally and in writing, as evidenced by a debate in KNPE 434 and a capstone paper in KNPE 491.

**SLO5:** Students will demonstrate competency regarding patients from diverse cultures and groups, currently measured by a self-test to assess cultural competency awareness of one’s values and attitudes.

**SLO 6:** Students will demonstrate satisfactory clinical decision making in each of the athletic training practice domains, as evidenced by an evaluation conducted by students’ preceptors each clinical experience (KNPE 331,332,434,435, and 494).

- 1) Evidence Based Practice
- 2) Prevention and Health Promotion

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- 3) Clinical Examination and Diagnosis
- 4) Acute Care of Injury and Illness
- 5) Therapeutic Interventions
- 6) Psychosocial Strategies and Referral
- 7) Healthcare Administration
- 8) Professional Development and Responsibility

**SLO 7:** Students will demonstrate satisfactory knowledge and ability to engage in evidence-based practice, as evidenced by completion of a critically appraised topic and each preceptor's evaluation of the student's clinical proficiency in evidence-based practice.

## 3. Program-by-Baccalaureate Student Learning Outcomes Matrix

Program Student Learning Outcome	Baccalaureate Student Learning Outcomes							
	A. Global inter-connections and inter-dependencies	B. Intercultural competencies	C. Analyze human life and natural world inter-connections	D. Critical, creative, and independent thought	E. Communicate clearly and effectively	F. Collaborate with others	G. Quantitative and qualitative reasoning	H. Apply knowledge/skills creatively
1. Students will demonstrate competency in the below discipline-specific knowledge domains				M			S	M
2. Students will demonstrate proficiency in discipline-specific skills		S			M	M	M	S
3. Students will demonstrate appropriate professional behaviors	M	S			M	M		
4. Students will communicate clearly and effectively both orally and in writing				M	S	S	M	M
5. Students will demonstrate competency regarding patients from diverse cultures and groups	S	S				M		
6. Students will demonstrate satisfactory clinical decision making in each of the athletic training practice domains					M	M	S	S
7. Students will demonstrate satisfactory knowledge and ability to engage in evidence-based practice				S	S	M	S	S
Overall		M		M	S	M	S	S
<i>Note.</i> Gauge whether each program outcome strongly supports (S), moderately supports (M), or doesn't support (leave blank) each baccalaureate learning outcome								

#### 4. Curriculum Map

Degree program student learning outcomes are listed on the horizontal axis. For each course determine: (1) which outcomes are the *primary* focus of the course, and (2) the degree to which the course supports the outcome (i.e., at a beginning (B), developing (D), or proficient (P) level).

Course	Program Student Learning Outcomes						
	1. Students will demonstrate competency in the below discipline-specific knowledge domains	2. Students will demonstrate proficiency in discipline-specific skills	3. Students will demonstrate appropriate professional behaviors	4. Students will communicate clearly and effectively both orally and in writing	5. Students will demonstrate competency regarding patients from diverse cultures and groups	6. Students will demonstrate satisfactory clinical decision making in each of the athletic training practice domains	7. Students will demonstrate satisfactory knowledge and ability to engage in evidence-based practice
KNPE 202	B	B	B	B			
PHHE 206	B	B					
KNPE 264	B	B		B	B	B	B
KNPE 265	B	B	B	B	B	B	
KNPE 266	B	B		B	B	B	
BIOS 311	B	B					
KNPE 350	B	B		B		B	B
KNPE 323	D	D	D	D	B	D	B
KNPE 324	D	D	D	D	B	D	B
KNPE 331	D	D	D	D	B	D	B
HSCI 318	B	B					
NUTR 306	D	D					
KNPE 314	D	D					
KNPE 322	D	D	D	D		D	D
KNPE 325	D	D	D	D		D	D
KNPE 326	D	D	D	D	D	D	D
KNPE 332	D	D	D	D	D	D	D

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Course	Program Student Learning Outcomes						
	1. Students will demonstrate competency in the below discipline-specific knowledge domains	2. Students will demonstrate proficiency in discipline-specific skills	3. Students will demonstrate appropriate professional behaviors	4. Students will communicate clearly and effectively both orally and in writing	5. Students will demonstrate competency regarding patients from diverse cultures and groups	6. Students will demonstrate satisfactory clinical decision making in each of the athletic training practice domains	7. Students will demonstrate satisfactory knowledge and ability to engage in evidence-based practice
KNPE 310	D	D		D			
KNPE 427	D	P	D			D	
KNPE 434	D	P	D		D	D	
KNPE 474	D	P	P	P		P	P
KNPE 491	D	P	P	P		P	P
KNPE 452	D	P		P			
KNPE 432	D	D		D		D	D
KNPE 435	P	P	P	P	P	P	P
KNPE 445	P	P				P	
KNPE 463	P	P		P	D	D	
KNPE 493	P	P	P	P	D	D	
KNPE 494	P	P	P	P	P	P	P
<i>Note.</i> Course supports the outcome at the B=beginning, D=developing, or P=proficient level.							

## 5. Assessment Methods

### EXPLANATION OF ASSESSMENT METHODS TABLE

Assessment Method	Explanation					
	Description	Student-Level Achievement <sup>a</sup>	Program-Level Target <sup>b</sup>	When Data Will be Collected	Person Responsible	SLOs
Third year capstone assignment	Students are assigned a writing task in which they are to: write a review of the literature, create a case study, and develop a rehabilitation plan from initial evaluation to return to play/activity.	A student will receive a score of Good/Acceptable (11.2-11.9)) or better on each of the six criteria on the rubric (Appendix).	85% of all students will meet the student-level target.	During the last week of Spring semester, project takes place second half of the Spring semester.	Course instructor for KNPE 491	1,4,7
Best Practices Debate	Students will use evidence-based arguments to debate hot topics regarding best practices in athletic training.	Students will receive at least 4/5 on rubric. Appendix	80% of students will achieve the student	During the Spring semester, after Spring break the debate will take place.	Course instructor for KNPE 434	1,4,7

Assessment Method	Explanation					
	Description	Student-Level Achievement <sup>a</sup>	Program-Level Target <sup>b</sup>	When Data Will be Collected	Person Responsible	SLOs
Preceptor Evaluation of Students' Professional Behaviors	Clinical Preceptors evaluate the student's professional behaviors each semester during each of four clinical rotations. The frequency of the student's behaviors are evaluated on a 5 point Likert-like scale (1=Never, 2=Seldom, 3=Sometimes, 4=Usually, 5=Always). The 8 behaviors include responsibility, professional presentation, initiative, respect, cooperation, organization, communication effectiveness, and emotional maturity. The measure of professional behavior is expressed as a percentage of the points earned (e.g., 36/40=90%).	Each cohort will score at least 90% on their overall professional behaviors.	Students as a whole will achieve at least 90% for their professional behaviors.	The evaluation for the end-term each semester is extracted from ATrack (online platform) and used for assessment purposes.	Preceptor will enter score on ATrack, clinical coordinator will extract.	3



Assessment Method	Explanation					
	Description	Student-Level Achievement <sup>a</sup>	Program-Level Target <sup>b</sup>	When Data Will be Collected	Person Responsible	SLOs
Cultural Competency Self-Tests	The cultural competency self-assessment is required of students enrolled in KNPE 494, Internship. The cultural competency self-test will be used to measure cultural competency. This results in a sum score. See appendix	Each cohort will score 40%* indicating they have an awareness of and take steps to address diversity issues in health care. *The previous target was 80% but the scoring for this self-test is reverse scored. Thus, a lower score indicates greater	The program on a whole will score 40%.	At the completion of the students' final clinical experience.	Clinical coordinator	5

Assessment Method	Explanation					
	Description	Student-Level Achievement <sup>a</sup>	Program-Level Target <sup>b</sup>	When Data Will be Collected	Person Responsible	SLOs
Preceptor Evaluation of Clinical Proficiencies	<p>Clinical Preceptors evaluate the student's clinical skills each semester during each of four clinical rotations. The data are categorical and the rubric provided to preceptors can be found in the appendix.</p> <p>In addition to evaluating the discreet skills of the student, the preceptors also evaluate the skills integrated into clinical practice with real patients, termed clinical integration proficiencies (CIPs). These proficiencies are organized by athletic training content area and are evaluated in the same way as described above. The clinical integration proficiencies are completed each clinical experience.</p>	Students will score 4/5 or (80%) on each clinical proficiency.	Average student performance will be 4/5 overall on their clinical proficiencies.	Each clinical experience.	Preceptor will enter score on ATrack, clinical coordinator will extract.	2
Preceptor Evaluation of Clinical Decision Making	Clinical Preceptors evaluate the student's clinical decision making each semester during each of four clinical rotations. The data are categorical and the rubric provided to preceptors can be found in the appendix.	Students will score 4/5 or (80%) on each area of clinical decision making.	Average student performance will be 4/5 overall.	Each clinical experience.	Preceptor will enter score on ATrack, clinical coordinator will extract.	6

Assessment Method	Explanation					
	Description	Student-Level Achievement <sup>a</sup>	Program-Level Target <sup>b</sup>	When Data Will be Collected	Person Responsible	SLOs
BOC Examination	In order to practice as a athletic trainer and gain eligibility for state licensure or registration, students must take the Board of Certification (BOC) exam. The examination is computer based, and the purpose of the examination is to assess candidate's knowledge in the five practice domains of athletic training. This exam consists of stand-alone multiple-choice questions, stand-alone alternative items (e.g., drag and drop, multiple-select), focused thematic testlets (scenario followed by critical questions).	The student level target is passing the BOC during the first attempt at a rate equivalent to the national average.  This average is provided by the BOC on their website.	Our program level target is 70% of all students will pass the BOC on the first attempt.	During the student's final semester enrolled in the program.	Program director will extract information from the BOC website	1
Oral Practical Examinations	Oral practical examinations will be given to students enrolled in their final clinical experience (KNPE 435). Each oral practical will involve 4 scenarios requiring students to evaluate, synthesize information, communicate, make clinical decisions, and perform skills.	Each student will score at least 65% on the Oral Practical examination.	Students will score at least 80% on the Oral Practical examination.	month of the final on site-clinical experience course (KNPE 435).	KNPE 435 Course Instructor	1,2,4,6
<p><i>Note.</i> <sup>a</sup> Student-level target is the score or performance an individual student must demonstrate to say the student met the student learning outcome.</p> <p><sup>b</sup> Program-level target is the percent of all students that must demonstrate they meet the student learning outcome.</p>						

**ASSESSMENT METHODS-BY-OUTCOMES MATRIX**

**Note:** Each assessment method does NOT have to measure ALL student learning outcomes. All assessment methods listed in this section should also be explained in the *Explanation of Assessment Methods* table.

Assessment Method	Program Student Learning Outcome						
	1. Students will demonstrate competency in the below discipline-specific knowledge domains	2. Students will demonstrate proficiency in discipline-specific skills	3. Students will demonstrate appropriate professional behaviors	4. Students will communicate clearly and effectively both orally and in writing	5. Students will demonstrate competency regarding patients from diverse cultures and groups	6. Students will demonstrate satisfactory clinical decision making in each of the athletic training practice domains	7. Students will demonstrate satisfactory knowledge and ability to engage in evidence-based practice
Preceptor Evaluation of Students' Professional Behaviors			S, D				
Preceptor Evaluation of Clinical Proficiencies		S, D					
Preceptor Evaluation of Clinical Decision Making						S, D	
Cultural Competency Self-Tests					S, D		
Imbedded communication in selected athletic training coursework*				F, S, D*			

Assessment Method	Program Student Learning Outcome						
	1. Students will demonstrate competency in the below discipline-specific knowledge domains	2. Students will demonstrate proficiency in discipline-specific skills	3. Students will demonstrate appropriate professional behaviors	4. Students will communicate clearly and effectively both orally and in writing	5. Students will demonstrate competency regarding patients from diverse cultures and groups	6. Students will demonstrate satisfactory clinical decision making in each of the athletic training practice domains	7. Students will demonstrate satisfactory knowledge and ability to engage in evidence-based practice
Oral Practical Examinations	S, D	S, D		S, D		S, D	S, D
BOC Examination	S, D						S, D
*earlier coursework will be used to provide formative feedback to students to improve their communication effectiveness. The later coursework assessments will be used for summative purposes. See assessment method for specifics.							