

# ATHLETIC TRAINING - B.S.

College of Education Health and Human Services  
School of Health Sciences  
www.kent.edu/ehhs/hs

## About This Program

The Bachelor of Science in Athletic Training provides comprehensive training in the prevention, assessment, treatment, and rehabilitation of sports-related injuries, preparing you to become a leader in the field. Read more...

## Contact Information

- Program Coordinator: **Jay C. Jonas, Ph.D.** | jjonas2@kent.edu | 330-356-0598
- Speak with an Advisor
- Chat with an Admissions Counselor

## Program Delivery

- **Delivery:**
  - In person
- **Location:**
  - Kent Campus

*Applications to the B.S. Athletic Training are not being accepted at this time.*

## Examples of Possible Careers and Salaries\*

### Athletic trainers

- 16.2% much faster than the average
- 32,100 number of jobs
- \$49,860 potential earnings

### Health specialties teachers, postsecondary

- 20.5% much faster than the average
- 254,000 number of jobs
- \$99,090 potential earnings

## Accreditation

Commission on Accreditation of Athletic Training Education (CAATE)

\* Source of occupation titles and labor data comes from the U.S. Bureau of Labor Statistics' Occupational Outlook Handbook. Data comprises projected percent change in employment over the next 10 years; nation-wide employment numbers; and the yearly median wage at which half of the workers in the occupation earned more than that amount and half earned less.

## Admission Requirements

*Applications to the B.S. Athletic Training are not being accepted at this time.*

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The university affirmatively strives to provide educational opportunities and access to students with varied backgrounds, those with special

talents and adult students who graduated from high school three or more years ago.

**First-Year Students on the Kent Campus:** First-year admission policy on the Kent Campus is selective. Admission decisions are based upon cumulative grade point average, strength of high school college preparatory curriculum and grade trends. Students not admissible to the Kent Campus may be administratively referred to one of the seven regional campuses to begin their college coursework. For more information, visit the admissions website for first-year students.

**First-Year Students on the Regional Campuses:** First-year admission to Kent State's campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and Tuscarawas, as well as the Twinsburg Academic Center, is open to anyone with a high school diploma or its equivalent. For more information on admissions, contact the Regional Campuses admissions offices.

**International Students:** All international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning a minimum 525 TOEFL score (71 on the Internet-based version), minimum 75 MELAB score, minimum 6.0 IELTS score or minimum 48 PTE Academic score, or by completing the ELS level 112 Intensive Program. For more information, visit the admissions website for international students.

**Transfer Students:** Students who have attended any other educational institution after graduating from high school must apply as undergraduate transfer students. For more information, visit the admissions website for transfer students.

**Former Students:** Former Kent State students or graduates who have not attended another college or university since Kent State may complete the reenrollment or reinstatement form on the University Registrar's website.

Admission policies for undergraduate students may be found in the University Catalog's Academic Policies.

Some programs may require that students meet certain requirements before progressing through the program. For programs with progression requirements, the information is shown on the program's Coursework tab.

## Program Requirements

Code	Title	Credit Hours
<b>Major Requirements (courses count in major GPA) (min C grade is required in all courses)</b>		
ATTR 15001	INTRODUCTION TO CLINICAL ATHLETIC TRAINING I	2
ATTR 15011	INTRODUCTION TO CLINICAL ATHLETIC TRAINING II	2
ATTR 15092	PRACTICUM IN ATHLETIC TRAINING I (ELR) <sup>1</sup>	3
ATTR 25036	RESPONDING TO EMERGENCIES	3
ATTR 25037	PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE LOWER EXTREMITY AND SPINE	3
ATTR 25038	PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE UPPER EXTREMITY, HEAD AND NECK	3
ATTR 25057	HUMAN ANATOMY AND PHYSIOLOGY I (KBS) (KLAB) <sup>2</sup>	4
ATTR 25058	HUMAN ANATOMY AND PHYSIOLOGY II (KBS) (KLAB)	4

ATTR 25092	PRACTICUM IN ATHLETIC TRAINING II (ELR)	3
ATTR 35037	ADVANCED PHYSICAL ASSESSMENT TECHNIQUES	3
ATTR 35039	THERAPEUTIC MODALITIES	3
ATTR 35040	STRENGTH AND CONDITIONING	2
ATTR 35050	NEUROLOGICAL PROCESS FOR THE HEALTHCARE PROFESSIONAL	3
ATTR 35054	BIOMECHANICS	3
ATTR 35092	PRACTICUM IN ATHLETIC TRAINING III (ELR)	3
ATTR 43018	ETHICAL LEADERSHIP FOR HEALTH CARE (WIC)	3
ATTR 45017	PROFESSIONAL DEVELOPMENT IN ATHLETIC TRAINING	3
ATTR 45038	ORGANIZATION AND ADMINISTRATION OF ATHLETIC TRAINING	3
ATTR 45039	THERAPEUTIC REHABILITATION	3
ATTR 45040	PATHOLOGY AND PHARMACOLOGY FOR ALLIED HEALTH CARE PROVIDERS	3
ATTR 45041	ADVANCED THERAPEUTIC INTERVENTIONS	3
ATTR 45192	PRACTICUM IN ATHLETIC TRAINING IV (ELR)	3
ATTR 45292	INTERNSHIP IN ATHLETIC TRAINING I (ELR)	3
ATTR 45392	INTERNSHIP IN ATHLETIC TRAINING II (ELR)	3
<b>Additional Requirements (courses do not count in major GPA)</b>		
CHEM 10050	FUNDAMENTALS OF CHEMISTRY (KBS)	3
or CHEM 10055	MOLECULES OF LIFE (KBS)	
or CHEM 10060	GENERAL CHEMISTRY I (KBS)	
EXSC 35068	STATISTICS FOR THE EXERCISE SCIENTIST	3
HED 14020	MEDICAL TERMINOLOGY	3
NUTR 23511	SCIENCE OF HUMAN NUTRITION (KBS)	3
PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
SOC 32220	DATA ANALYSIS	3-4
& SOC 32221	and DATA ANALYSIS LABORATORY	
or IHS 44010	RESEARCH DESIGN AND STATISTICAL METHODS IN THE HEALTH PROFESSIONS	
UC 10001	FLASHES 101	1
Kent Core Composition		6
Kent Core Mathematics and Critical Reasoning		3
Kent Core Humanities and Fine Arts (minimum one course from each)		9
Kent Core Social Sciences (must be from two disciplines)		3
General Electives (total credit hours depends on earning 120 credit hours, including 39 upper-division credit hours)		9

**Minimum Total Credit Hours:** 120

<sup>1</sup> See progression requirements for information on registering for ATTR 15092.

<sup>2</sup> Students who have successfully completed either BSCI 11010/BSCI 11020 or BSCI 21010/BSCI 21020 or EXSC 25057/EXSC 25058 with a minimum C grade may use those courses in place of ATTR 25057 or ATTR 25058.

## Progression Requirements

Advancement into the professional phase of the athletic training program is selective and is limited. Limited admission will ensure that an appropriate student to preceptor ratio (approximately 8:1) is maintained.

Advancement to the professional program is controlled through the first practicum course (ATTR 15092). In order to be eligible for ATTR 15092, students must:

- Earn a minimum C grade in ATTR 15001, ATTR 15011 ATTR 25036 and ATTR 25057
- Make a formal application to the professional phase of the program
- Provide three professional letters of reference
- Complete 120 hours of directed observation experiences under the direct supervision of an athletic trainer
- Secure first aid and CPR certification
- Successfully complete an oral and written exam administered through ATTR 15011
- Secure staff evaluations and complete a self-administered evaluation
- Complete an interview with the professional athletic training staff

After these requirements have been fulfilled, students may be selected for advancement into the professional phase of the program based upon their competitive rank using their GPA (15 percent), evaluation scores (40 percent), interview scores (20 percent) and ATTR 15011 written (10 percent) and oral (15 percent) practical exam scores.

Students selected into the program will have a cumulative score of minimally 70 percent to be considered eligible for admission. Those selected may enroll in ATTR 15092 during the following semester.

Students who have transferred to Kent State University must complete a directed observation period at Kent State prior to advancement into the professional phase of the program. Prompt commencement of the directed observation period is necessary as it will take a minimum of six semesters at Kent State to complete the clinical courses and experiences in the professional phase.

All Athletic Training Students who are admitted into the professional phase of the program will be required to obtain a Bureau of Criminal Investigation Identification (BCII) and Federal Bureau of Investigation (FBI) background checks prior to beginning their clinical rotations for the fall semester of each year.

Students who are not selected for the professional phase of this program at the completion of spring 2020 will not be permitted to apply/reapply and will work with the program coordinator to identify alternate academic programs to pursue.

## Graduation Requirements

Minimum Major GPA	Minimum Overall GPA
2.500	2.500

- Minimum C grade is required in all ATTR coursework.

## Roadmap

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

Semester One			Credits
!	ATTR 15001	INTRODUCTION TO CLINICAL ATHLETIC TRAINING I	2
!	ATTR 25036	RESPONDING TO EMERGENCIES	3
	UC 10001	FLASHES 101	1
	Kent Core Requirement		3
	Kent Core Requirement		3
	Kent Core Requirement		3
<b>Credit Hours</b>			<b>15</b>

<b>Semester Two</b>			
!	ATTR 15011	INTRODUCTION TO CLINICAL ATHLETIC TRAINING II	2
!	ATTR 25057	HUMAN ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)	4
	CHEM 10050 or CHEM 10055 or CHEM 10060	FUNDAMENTALS OF CHEMISTRY (KBS) or MOLECULES OF LIFE (KBS) or GENERAL CHEMISTRY I (KBS)	3
	HED 14020	MEDICAL TERMINOLOGY	3
	NUTR 23511	SCIENCE OF HUMAN NUTRITION (KBS)	3
<b>Credit Hours</b>			<b>15</b>

<b>Semester Three</b>			
Requirements: first aid and CPR certification; acceptance to the professional phase of the program			
!	ATTR 15092	PRACTICUM IN ATHLETIC TRAINING I (ELR)	3
!	ATTR 25037	PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE LOWER EXTREMITY AND SPINE	3
	ATTR 35040	STRENGTH AND CONDITIONING	2
	Kent Core Requirement		3
	Kent Core Requirement		3
<b>Credit Hours</b>			<b>14</b>

<b>Semester Four</b>			
!	ATTR 25038	PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE UPPER EXTREMITY, HEAD AND NECK	3
!	ATTR 25092	PRACTICUM IN ATHLETIC TRAINING II (ELR)	3
!	ATTR 35039	THERAPEUTIC MODALITIES	3
	ATTR 35054	BIOMECHANICS	3
	PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
<b>Credit Hours</b>			<b>15</b>

<b>Semester Five</b>			
	ATTR 25058	HUMAN ANATOMY AND PHYSIOLOGY II (KBS) (KLAB)	4
!	ATTR 35092	PRACTICUM IN ATHLETIC TRAINING III (ELR)	3
!	ATTR 45039	THERAPEUTIC REHABILITATION	3
	EXSC 35068	STATISTICS FOR THE EXERCISE SCIENTIST	3
	Kent Core Requirement		3
<b>Credit Hours</b>			<b>16</b>

<b>Semester Six</b>			
!	ATTR 35037	ADVANCED PHYSICAL ASSESSMENT TECHNIQUES	3
!	ATTR 35050	NEUROLOGICAL PROCESS FOR THE HEALTHCARE PROFESSIONAL	3
!	ATTR 45041	ADVANCED THERAPEUTIC INTERVENTIONS	3
!	ATTR 45192	PRACTICUM IN ATHLETIC TRAINING IV (ELR)	3
	Kent Core Requirement		3
<b>Credit Hours</b>			<b>15</b>

<b>Semester Seven</b>			
!	ATTR 45017	PROFESSIONAL DEVELOPMENT IN ATHLETIC TRAINING	3
!	ATTR 45038	ORGANIZATION AND ADMINISTRATION OF ATHLETIC TRAINING	3
!	ATTR 45040	PATHOLOGY AND PHARMACOLOGY FOR ALLIED HEALTH CARE PROVIDERS	3
!	ATTR 45292	INTERNSHIP IN ATHLETIC TRAINING I (ELR)	3

General Elective		3	
<b>Credit Hours</b>		<b>15</b>	
<b>Semester Eight</b>			
!	ATTR 43018	ETHICAL LEADERSHIP FOR HEALTH CARE (WIC)	3
!	ATTR 45392	INTERNSHIP IN ATHLETIC TRAINING II (ELR)	3
	SOC 32220 & SOC 32221 or IHS 44010	DATA ANALYSIS and DATA ANALYSIS LABORATORY or RESEARCH DESIGN AND STATISTICAL METHODS IN THE HEALTH PROFESSIONS	3-4
General Electives		6	
<b>Credit Hours</b>		<b>15</b>	
<b>Minimum Total Credit Hours:</b>		<b>120</b>	

## University Requirements

All students in a bachelor's degree program at Kent State University must complete the following university requirements for graduation.

**NOTE:** University requirements may be fulfilled in this program by specific course requirements. Please see Program Requirements for details.

Flashes 101 (UC 10001)	1 credit hour
Course is not required for students with 30+ transfer credits (excluding College Credit Plus) or age 21+ at time of admission.	
Diversity Domestic/Global (DIVD/DIVG)	2 courses
Students must successfully complete one domestic and one global course, of which one must be from the Kent Core.	
Experiential Learning Requirement (ELR)	varies
Students must successfully complete one course or approved experience.	
Kent Core (see table below)	36-37 credit hours
Writing-Intensive Course (WIC)	1 course
Students must earn a minimum C grade in the course.	
Upper-Division Requirement	39 credit hours
Students must successfully complete 39 upper-division (numbered 30000 to 49999) credit hours to graduate.	
<b>Total Credit Hour Requirement</b>	<b>120 credit hours</b>

## Kent Core Requirements

Kent Core Composition (KCMP)	6
Kent Core Mathematics and Critical Reasoning (KMCR)	3
Kent Core Humanities and Fine Arts (KHUM/KFA) (min one course each)	9
Kent Core Social Sciences (KSS) (must be from two disciplines)	6
Kent Core Basic Sciences (KBS/KLAB) (must include one laboratory)	6-7
Kent Core Additional (KADL)	6
<b>Total Credit Hours:</b>	<b>36-37</b>

## Program Learning Outcomes

Graduates of this program will be able to:

1. Apply the principles of the research process in athletic training by engaging in faculty and graduate research.
2. Apply the knowledge and skills gained through the clinical and didactic educational experiences to a variety of health care clinicians

in diverse settings including equipment intensive, upper extremity intensive, lower extremity intensive and general medical exposures.

3. Engage health care professionals and apply the knowledge gained, through their education in both the classroom and clinical settings.
4. Engage in program improvement as part of a continuous quality improvement initiative by evaluating the effectiveness of the program through multiple evaluation resources.

## Full Description

*Applications to the B.S. Athletic Training are not being accepted at this time.*

*Students interested in athletic training can pursue the B.S. degree in Sports Medicine, which will allow them to complete all prerequisites to enter the M.S. degree in Athletic Training.*

The Bachelor of Science degree in Athletic Training focuses on injury/illness prevention and wellness protection, immediate and emergency care, treatment and rehabilitation, clinical evaluation and diagnosis and organization and professional health and well-being.

The major consists of pre-professional and professional phases. During the pre-professional phase, students complete 80 observation hours in the athletic training room, where they are exposed to the academic and clinical requirements of athletic training. Students then apply for formal acceptance into the professional phase, where they spend three years applying academic knowledge and clinical application of athletic training skills in a variety of clinical settings, such as intercollegiate athletics, high schools, sports medicine clinics, orthopedic offices and other health care settings.

Upon graduation, students qualify to sit for the national Board of Certification examination. Athletic Training is a suitable option for students who wish to pursue a dual credential of physical therapy/athletic training.

## Professional Licensure Disclosure

This program is designed to prepare students to sit for applicable licensure or certification in Ohio. If you plan to pursue licensure or certification in a state other than Ohio, please review state educational requirements for licensure or certification and contact information for state licensing boards at Kent State's website for professional licensure disclosure.