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.

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 Ashland, 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. 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.

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 Coursework tab.

Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ATTR 15001</td>
<td>INTRODUCTION TO CLINICAL ATHLETIC TRAINING I</td>
<td>2</td>
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<tr>
<td>ATTR 15011</td>
<td>INTRODUCTION TO CLINICAL ATHLETIC TRAINING II</td>
<td>2</td>
</tr>
<tr>
<td>ATTR 15092</td>
<td>PRACTICUM IN ATHLETIC TRAINING I (ELR)</td>
<td>3</td>
</tr>
<tr>
<td>ATTR 25036</td>
<td>RESPONDING TO EMERGENCIES</td>
<td>3</td>
</tr>
<tr>
<td>ATTR 25037</td>
<td>PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE LOWER EXTREMITY AND SPINE</td>
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<tr>
<td>ATTR 25038</td>
<td>PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE UPPER EXTREMITY, HEAD AND NECK</td>
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<tr>
<td>ATTR 25057</td>
<td>HUMAN ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)</td>
<td>4</td>
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<tr>
<td>ATTR 25058</td>
<td>HUMAN ANATOMY AND PHYSIOLOGY II (KBS) (KLAB)</td>
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<td>ATTR 25092</td>
<td>PRACTICUM IN ATHLETIC TRAINING II (ELR)</td>
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<tr>
<td>ATTR 35037</td>
<td>ADVANCED PHYSICAL ASSESSMENT TECHNIQUES</td>
<td>3</td>
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<tr>
<td>ATTR 35039</td>
<td>THERAPEUTIC MODALITIES</td>
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<tr>
<td>ATTR 35040</td>
<td>STRENGTH AND CONDITIONING</td>
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<tr>
<td>ATTR 35050</td>
<td>NEUROLOGICAL PROCESS FOR THE HEALTHCARE PROFESSION</td>
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ATR 35054 BIOMECHANICS 3
ATR 35092 PRACTICUM IN ATHLETIC TRAINING III (ELR) 3
ATR 43018 ETHICAL LEADERSHIP FOR HEALTH CARE (WIC) 3
ATR 45017 PROFESSIONAL DEVELOPMENT IN ATHLETIC TRAINING 3
ATR 45038 ORGANIZATION AND ADMINISTRATION OF ATHLETIC TRAINING 3
ATR 45039 THERAPEUTIC REHABILITATION 3
ATR 45040 PATHOLOGY AND PHARMACOLOGY FOR ALLIED HEALTH CARE PROVIDERS 3
ATR 45041 ADVANCED THERAPEUTIC INTERVENTIONS 3
ATR 45192 PRACTICUM IN ATHLETIC TRAINING IV (ELR) 3
ATR 45292 INTERNSHIP IN ATHLETIC TRAINING I (ELR) 3
ATR 45392 INTERNSHIP IN ATHLETIC TRAINING II (ELR) 3

Additional Requirements (courses do not count in major GPA)
CHEM 10050 FUNDAMENTALS OF CHEMISTRY (KBS) 3
or CHEM 10055 MOLECULES OF LIFE (KBS) 3
or CHEM 10060 GENERAL CHEMISTRY I (KBS) 3
EXSC 35068 STATISTICS FOR THE EXERCISE SCIENTIST 3
EXSC 45080 PHYSIOLOGY OF EXERCISE (WIC) 3
HED 14020 MEDICAL TERMINOLOGY 3
NUTR 23511 SCIENCE OF HUMAN NUTRITION (KBS) 3
PSYC 11762 GENERAL PSYCHOLOGY (DIVD) (KSS) 3
UC 10001 FLASHES 101 1

Kent Core Requirement
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 credits
hour, including 39 upper-division credit hours) 6

Minimum Total Credit Hours: 120

1 See progression requirements for information on registering for
   ATR 15092.
2 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 ATR 25057 or ATR 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 (ATR 15092). In order to be eligible for ATR 15092,
students must:

• Earn a minimum C grade in ATR 15001, ATR 15011 ATR 25036
  and ATR 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 ATR 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 ATR 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 ATR 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

<table>
<thead>
<tr>
<th>Minimum Major GPA</th>
<th>Minimum Overall GPA</th>
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<tr>
<td>2.500</td>
<td>2.500</td>
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</table>

• Minimum C grade is required in all ATR 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.

<table>
<thead>
<tr>
<th>Semester One</th>
<th>Credits</th>
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<tbody>
<tr>
<td>! ATR 15001</td>
<td>INTRODUCTION TO CLINICAL ATHLETIC TRAINING I 2</td>
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<tr>
<td>! ATR 25036</td>
<td>RESPONDING TO EMERGENCIES 3</td>
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<td>UC 10001</td>
<td>FLASHES 101 1</td>
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<td>Kent Core Requirement</td>
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<td>Kent Core Requirement</td>
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<td>Kent Core Requirement</td>
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<table>
<thead>
<tr>
<th>Semester Two</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>! ATR 15011</td>
<td>INTRODUCTION TO CLINICAL ATHLETIC TRAINING II 2</td>
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<tr>
<td>! ATR 25057</td>
<td>HUMAN ANATOMY AND PHYSIOLOGY I (KBS) (KLAB) 4</td>
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<tr>
<td>Semester Three</td>
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<tr>
<td>Requirements: first aid and CPR certification; acceptance to the professional phase of the program</td>
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<tr>
<td>! ATTR 15092 PRACTICUM IN ATHLETIC TRAINING I (ELR)</td>
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<td>! ATTR 25037 PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE LOWER EXTREMITY AND SPINE</td>
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<td>! ATTR 35040 STRENGTH AND CONDITIONING</td>
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**Credit Hours** 15

<table>
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<th>Semester Four</th>
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<td>! ATTR 25038 PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE UPPER EXTREMITY, HEAD AND NECK</td>
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<tr>
<td>! ATTR 35039 THERAPEUTIC MODALITIES</td>
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<td>! ATTR 35054 BIOMECHANICS</td>
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<td>PSYC 11762 GENERAL PSYCHOLOGY (DIVD) (KSS)</td>
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**Credit Hours** 14

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<td>ATTR 25058 HUMAN ANATOMY AND PHYSIOLOGY II (KBS) (KLAB)</td>
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<td>! ATTR 35092 PRACTICUM IN ATHLETIC TRAINING III (ELR)</td>
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<td>! ATTR 45041 ADVANCED THERAPEUTIC INTERVENTIONS</td>
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**Credit Hours** 15

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<td>! ATTR 35037 ADVANCED PHYSICAL ASSESSMENT TECHNIQUES</td>
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<tr>
<td>! ATTR 35050 NEUROLOGICAL PROCESS FOR THE HEALTHCARE PROFESSIONAL</td>
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<td>! ATTR 45041 ADVANCED THERAPEUTIC INTERVENTIONS</td>
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<td>! ATTR 45192 PRACTICUM IN ATHLETIC TRAINING IV (ELR)</td>
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**Credit Hours** 16

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<td>! ATTR 45017 PROFESSIONAL DEVELOPMENT IN ATHLETIC TRAINING</td>
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<td>! ATTR 45292 INTERNSHIP IN ATHLETIC TRAINING I (ELR)</td>
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<td>EXSC 45080 PHYSIOLOGY OF EXERCISE (WIC)</td>
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**Credit Hours** 15

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<th>Semester Eight</th>
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<tr>
<td>! ATTR 43018 ETHICAL LEADERSHIP FOR HEALTH CARE (WIC)</td>
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<tr>
<td>! ATTR 45392 INTERNSHIP IN ATHLETIC TRAINING II (ELR)</td>
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**Credit Hours** 15

**Minimum Total Credit Hours:** 120

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**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

**Upper-Division Requirement** 39 credit hours

Students must successfully complete 39 upper-division (numbered 30000 to 49999) credit hours to graduate.

**Total Credit Hour Requirement** 120 credit hours

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**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

**Total Credit Hours:** 36-37

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**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.