

SPORTS MEDICINE - B.S.

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

Examples of Possible Careers*

Exercise physiologists

- 11.3% much faster than the average
- 19,800 number of jobs
- \$50,280 potential earnings

Physical therapists

- 18.2% much faster than the average
- 258,200 number of jobs
- \$91,010 potential earnings

Contact Information

- Program Coordinator: **Jay C. Jonas, Ph.D.** | jjonas2@kent.edu | 330-672-7900
- Speak with an Advisor
- Chat with an Admissions Counselor

Fully Offered

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

*Note

Source of occupation titles and labor data is 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.

Description

The B.S. degree in Sports Medicine will focus on the knowledge and skills that are required for sports medicine and athletic training professionals with specific coursework in anatomy, physiology, kinesiology, biomechanics, chemistry, physics, basics of sports medicine, strength and conditioning, first aid, pathologies of injury and illness, pathologies of general medical conditions, pharmacology, therapeutic intervention in health care (including modality application and rehabilitation), healthcare organization and management, emergency medical skills, documentation and record keeping in health care and psychology.

Students completing this program will gain experience in direct patient care and patient care skills, preparing them for their specific career path. Direct patient care skills taught and evaluated include, but are not limited to, first aid and CPR, assessment of biomechanics, gait analysis, goniometry, manual muscle testing, postural assessment, palpation, auscultation, emergency management, and obtaining medical and family histories through patient encounters.

Admission Requirements

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 campus 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. Check with a regional campus admissions office to determine application requirements, as they may differ among campuses.

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, minimum 48 PTE score or minimum 100 DET score; or by completing the ESL level 112 Intensive Program. For more information, visit the admissions website for international students.

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.

Program Learning Outcomes

Graduates of this program will be able to:

1. Develop foundational knowledge for admission to advanced studies in graduate athletic training programs or employment in associated sports medicine fields
2. Demonstrate sound decision-making through analysis and application in the prevention, management, and resolution of health-related issues associated with sports medicine issues
3. Engage in comprehensive sports medicine care while integrating disciplined-specific, synthesized, creative, respectful and ethical elements
4. Develop confidence and competence to successfully transition into practice and/or higher education programs in sports medicine

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.

Destination Kent State: First Year Experience	1
Course is not required for students with 25 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
Writing-Intensive Course (WIC)	1 course
Students must earn a minimum C grade in the course.	
Upper-Division Requirement	39
Students must successfully complete 39 upper-division (numbered 30000 to 49999) credit hours to graduate.	
Total Credit Hour Requirement	120

Kent Core Requirements

Kent Core Composition (KCOMP)	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

Program Requirements

Major Requirements

Code	Title	Credit Hours
Major Requirements (courses count in major GPA)		
ATTR 15002	INTRODUCTION TO SPORTS MEDICINE CAREERS	2
ATTR 15012	DOCUMENTATION IN HEALTH CARE	2
ATTR 20001	SOCIOCULTURAL ASPECTS OF HEALTH CARE	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)	4
ATTR 25058	HUMAN ANATOMY AND PHYSIOLOGY II (KBS) (KLAB)	4
ATTR 35037	ADVANCED PHYSICAL ASSESSMENT TECHNIQUES	3
ATTR 35040	STRENGTH AND CONDITIONING	2
ATTR 35050	NEUROLOGICAL PROCESS FOR THE HEALTHCARE PROFESSIONAL	3
ATTR 35054	BIOMECHANICS	3
ATTR 35062	EVIDENCE-BASED RESEARCH IN HEALTH CARE	3
ATTR 43018	ETHICAL LEADERSHIP FOR HEALTH CARE (WIC)	3
ATTR 45019	PROFESSIONAL RESPONSIBILITY AND MANAGEMENT IN HEALTH CARE	3
ATTR 45040	PATHOLOGY AND PHARMACOLOGY FOR ALLIED HEALTH CARE PROVIDERS	3
ATTR 45041	ADVANCED THERAPEUTIC INTERVENTIONS	3

ATTR 45492	INTER-PROFESSIONAL INTERNSHIP IN SPORTS MEDICINE (ELR)	3
Additional Requirements (courses do not count in major GPA)		
BSCI 10120	BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)	4
BSCI 30130	HUMAN PHYSIOLOGY	3
BSCI 30140	CELL BIOLOGY	4
CHEM 10060	GENERAL CHEMISTRY I (KBS)	4
CHEM 10061	GENERAL CHEMISTRY II (KBS)	4
CHEM 10062	GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)	1
CHEM 10063	GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB)	1
EXSC 35068	STATISTICS FOR THE EXERCISE SCIENTIST	3
EXSC 45080	PHYSIOLOGY OF EXERCISE (WIC)	3
NUTR 23511	SCIENCE OF HUMAN NUTRITION (KBS)	3
MATH 11010	ALGEBRA FOR CALCULUS (KMCR)	3
MATH 11022	TRIGONOMETRY (KMCR)	3
PHY 13001	GENERAL COLLEGE PHYSICS I (KBS)	4
PHY 13021	GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)	1
PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
UC 10097	DESTINATION KENT STATE: FIRST YEAR EXPERIENCE	1
Kent Core Composition		6
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 depend on earning 120 credit hours, including 39 upper-division credit hours)		4
Minimum Total Credit Hours:		120

Graduation Requirements

Minimum Major GPA	Minimum Overall GPA
2.500	2.500

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 15002 INTRODUCTION TO SPORTS MEDICINE CAREERS	2
ATTR 15012 DOCUMENTATION IN HEALTH CARE	2
BSCI 10120 BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)	4
MATH 11010 ALGEBRA FOR CALCULUS (KMCR)	3
PSYC 11762 GENERAL PSYCHOLOGY (DIVD) (KSS)	3
UC 10097 DESTINATION KENT STATE: FIRST YEAR EXPERIENCE	1
Credit Hours	15
Semester Two	Credits
ATTR 25036 RESPONDING TO EMERGENCIES	3
CHEM 10060 GENERAL CHEMISTRY I (KBS)	4
CHEM 10062 GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)	1
MATH 11022 TRIGONOMETRY (KMCR)	3
NUTR 23511 SCIENCE OF HUMAN NUTRITION (KBS)	3
Kent Core Requirement	3
Credit Hours	17

Semester Three

ATTR 20001	SOCIOCULTURAL ASPECTS OF HEALTH CARE	3
ATTR 25057	HUMAN ANATOMY AND PHYSIOLOGY I (KBS) (KLAB)	4
CHEM 10061	GENERAL CHEMISTRY II (KBS)	4
CHEM 10063	GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB)	1
Kent Core Requirement		3
Credit Hours		15

Semester Four

ATTR 25058	HUMAN ANATOMY AND PHYSIOLOGY II (KBS) (KLAB)	4
ATTR 35040	STRENGTH AND CONDITIONING	2
PHY 13001	GENERAL COLLEGE PHYSICS I (KBS)	4
PHY 13021	GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)	1
Kent Core Requirement		3
Credit Hours		14

Semester Five

ATTR 25037	PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE LOWER EXTREMITY AND SPINE	3
ATTR 35062	EVIDENCE-BASED RESEARCH IN HEALTH CARE	3
BSCI 30140	CELL BIOLOGY	4
EXSC 35068	STATISTICS FOR THE EXERCISE SCIENTIST	3
Kent Core Requirement		3
Credit Hours		16

Semester Six

ATTR 25038	PHYSICAL ASSESSMENT TECHNIQUES AND KINESIOLOGY FOR THE UPPER EXTREMITY, HEAD AND NECK	3
ATTR 35037	ADVANCED PHYSICAL ASSESSMENT TECHNIQUES	3
ATTR 35050	NEUROLOGICAL PROCESS FOR THE HEALTHCARE PROFESSIONAL	3
Kent Core Requirement		3
General Elective		3
Credit Hours		15

Semester Seven

ATTR 35054	BIOMECHANICS	3
ATTR 45019	PROFESSIONAL RESPONSIBILITY AND MANAGEMENT IN HEALTH CARE	3
BSCI 30130	HUMAN PHYSIOLOGY	3
Kent Core Requirement		3
General Elective		1
Credit Hours		13

Semester Eight

ATTR 43018	ETHICAL LEADERSHIP FOR HEALTH CARE (WIC)	3
ATTR 45040	PATHOLOGY AND PHARMACOLOGY FOR ALLIED HEALTH CARE PROVIDERS	3
ATTR 45041	ADVANCED THERAPEUTIC INTERVENTIONS	3
ATTR 45492	INTER-PROFESSIONAL INTERNSHIP IN SPORTS MEDICINE (ELR)	3
EXSC 45080	PHYSIOLOGY OF EXERCISE (WIC)	3
Credit Hours		15

Minimum Total Credit Hours: 120