

KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

Preparation Date **30-Nov-18** Curriculum Bulletin _____
 Effective Date **Fall 2020** Approved by EPC _____

Department **Health Sciences**
 College **EH - Education, Health and Human Services**
 Degree **BS - Bachelor of Science**
 Program Name **Sports Medicine ~~and Athletic Training~~** Program Banner Code **~~SMAT~~**
 Concentration(s) _____ Concentration(s) Banner Code(s) _____
 Proposal **Establish program**

Description of proposal:

The purpose of this proposal is to submit the Initial Inquiry to establish a new Bachelor of Science Sports Medicine ~~and Athletic Training~~ major to respond to mandates issues by the Commission on Accreditation of Athletic Training Education. This major is designed to prepare students for careers and/or graduate school in a broad array of sports-related, medically-oriented professions, including but not limited to athletic training, sports medicine specialists, emergency care professions, rehabilitation specialists, biomechanists, orthotists/prosthetists/pedorthotists, and kinesiologist/kinesiotherapist, physical therapist, sports medicine physician, durable medical equipment sales and design, and sports psychologist.

Does proposed revision change program's total credit hours? Yes No
 Current total credit hours: **0** Proposed total credit hours **120**

Describe impact on other programs, policies or procedures (e.g., duplication issues; enrollment and staffing considerations; need; audience; prerequisites; teacher education licensure):

The current undergraduate major in athletic training is being phased out because all professional programs will be required to be delivered at a master's level by the year 2020. Faculty, staffing, facilities, etc. will transition from the existing BS ATTR program to the proposed one.


Units consulted (other departments, programs or campuses affected by this proposal):

Biological Sciences, Chemistry, Exercise Science, Integrated Health Studies, Nutrition, Physics, Psychology

REQUIRED ENDORSEMENTS


 _____ 11 / 30 / 18
 Department Chair / School Director

 Campus Dean (for Regional Campuses proposals) / /


 _____ 12 / 3 / 18
 College Dean (or designee)

 Dean of Graduate Studies (for graduate proposals) / /

 Senior Vice President for Academic Affairs and Provost (or designee) / /



**Department of
Higher Education**

John R. Kasich, Governor
John Carey, Chancellor

INITIAL INQUIRY REQUEST TO OFFER A NEW PROGRAM

Date of submission: December 18, 2018

Name of institution: Kent State University

Primary institutional contact for this request: Therese E. Tillett
Associate Vice President of Curriculum Planning and Administration,
Office of the Provost
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Name of program: Sports Medicine major, Bachelor of Science degree

Assigned Classification of Instructional Program (CIP) code: 51.2311 Kinesiotherapy/Kinesiotherapist. A program that prepares individuals, under the direction of physicians, to treat the effects of disease, injury, and congenital disorders through therapeutic exercise and education. Includes instruction in human anatomy, human physiology, kinesiology, biomechanics, therapeutic exercise and adapted physical education, human growth and development, motor learning and performance, testing and measurement, first aid and cardiopulmonary resuscitation, psychology, rehabilitation procedures, patient assessment and management, and professional standards and ethics.

Proposed start date: Fall 2020
Start date is contingent upon submission of full proposal and approvals from Ohio Department of Higher Education and Higher Learning Commission

Type of request: New degree designation
 New program within an existing degree (e.g., major, minor, concentration)

Delivery options:

- Campus-based
- Online/hybrid delivery
- Flexible or accelerated delivery
- Offering the program at a new offsite location
- Offering the program at an existing offsite location
- Program contains off-campus experiences (e.g., internship, clinical, practicum, student teaching)

The institution will be seeking specialized accreditation for the program:

- No Yes

Provide a brief description of the request.

Kent State University seeks to establish a B.S. degree in Sports Medicine. The degree program will be offered on the Kent Campus by the School of Health Sciences in the College of Education, Health and Human Services.

Sports medicine degrees are designed to develop research skills and integrate theory to practice through experiential learning activities, including laboratories and internships. The core content in most sports medicine programs focus on cognitive content and applied skills related to the human body, human performance and human movement.

The program will be designed to prepare students for careers and/or graduate studies in a broad array of sports-related, medically-oriented professions, including, but not limited, to athletic trainer, emergency care specialist, rehabilitation specialist, biomechanist, orthotist, prosthetist, pedorthotist, kinesiologist, kinesiotherapist, physical therapist, sports psychologist, sports medicine physician and durable medical equipment seller and designer.

Sports medicine professionals treat amateur athletes, those who want better results from their exercise program, people who have suffered injuries and are trying to regain full function and those with disabilities who are trying to increase mobility and capability. Many careers in this field require advanced degrees and certification.¹

The College of Education, Health and Human Services currently offers four undergraduate sports-related majors: Athletic Training, Exercise Science, Physical Education and Sports Administration. In 2015, the Commission on Accreditation of Athletic Training Education announced the elevation of accredited athletic training programs from the bachelor's to the master's level, to become effective in 2022. Kent State University was approved to offer the master's degree in athletic training in fall 2018 and will inactivate the bachelor's degree in athletic training in the near future.

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.

¹ Explore Health Careers (2018). Liaison International. Sports medicine overview. Retrieved from <https://explorehealthcareers.org/field/sports-medicine>.

According to a ranking of the top sports medicine bachelor's degree programs in the United States,² the University of North Carolina, Chapel Hill, ranks at the top, offering programs that include athletic training. Ranked second, the University of Illinois, Urbana Champaign, focuses on the kinesiology core with specific emphasis on movement science.

The third-ranked program in sports medicine is housed at the University of Georgia and "brings together a blend of research in the fields of physical activity, exercise science and sports medicine" through hands-on training along with the didactic instruction.

Fourth-ranked, the University of Minnesota, Twin Cities, anchors its kinesiology program in the "biological sciences, social sciences and the physical properties of human movement."

The fifth-ranked sports medicine program, at Rutgers, offers a hands-on degree where courses in human anatomy, exercise science, sport psychology, neuromechanical kinesiology and others provide the framework for the diverse professions in sports medicine.

See appendix A for the top 10 ranking of sports medicine programs.

Although numerous professional organizations—including American Kinesiology Association (AKA), National Athletic Trainers' Association (NATA) and National Strength and Conditioning Association (NSCA)—represent the professions within sports medicine, the American Academy of Sports Medicine (ACSM) is the professional organization with the broadest reach of professional disciplines and considered the global authority for sports medicine and exercise science. Job postings on the ACSM website³ represent the far-reaching scope of sports medicine and reflects both academic and industry needs for sports medicine-trained professionals (e.g., athletic trainers; fellowships in cognitive neuroscience, motor behavior and family medicine; assistant professor of kinesiology; instructor in biomechanics; and assistant/associate professor of health and human performance).

Explain the academic unit's rationale for making the request.

Sports medicine is a growth industry, encompassing an "interdisciplinary team of professionals including physicians..., physician assistants, physical therapists, occupational therapists, athletic trainers, nurses and others."⁴ Explore Health Careers calls it a fast-growing field because sports medicine doctors, trainers and other professionals treat both athletes and non-athletes, which expands the scope of their practices and the number of people they serve.⁵

² College Choice (2018). Best sports medicine degrees. Retrieved from www.collegechoice.net/rankings/best-sports-medicine-degrees.

³ American College of Sports Medicine. (2019). Career center. Retrieved from <https://careers.acsm.org/jobs>.

⁴ Study.com (n.d.). Sports medicine career options and employment outlook. Retrieved from https://study.com/sports_medicine_career.html.

⁵ Explore Health Careers (n.d.). Liaison International. Sports medicine overview. Retrieved from <https://explorehealthcareers.org/field/sports-medicine>.

The Occupational Information Network (O*NET) from the U.S. Department of Labor assigns a “bright outlook” forecast for many occupations under sports medicine, including sports medicine physicians, athletic trainers, physical therapists, orthotists and prosthetists, fitness trainers and equipment salespersons.⁶

Kent State has offered a Sports Medicine undergraduate minor for many years. The program has averaged 20 enrolled students each semester for the past five years, which is notable as the program is more than 30 credit hours, much larger than the typical minor.

The proposed Sports Medicine major will fill a gap at Kent State by focusing on direct patient care skills and knowledge that are specific to a student’s desired profession under the sports medicine umbrella. The program also will be the optimal choice for students who wish to seek admission into the master’s degree in athletic training and other graduate programs related to sports medicine.

Indicate whether additional resources (e.g., faculty, staff, facilities, technology) will be needed to support the proposed request.

Currently, there are five full-time faculty members teaching in the athletic training program. The B.S. degree in Athletic Training will be phased out with the implementation of the new Sports Medicine degree program. With this shift, faculty will continue to support the undergraduate program by teaching all sports medicine courses. Therefore, establishment of this new major will not have negative impact on these faculty members.

The School of Health Services has developed a transition plan to phase out the Athletic Training major and phase in the Sports Medicine major.

⁶ National Center for O*NET Development (n.d.). Occupations for sports medicine. Retrieved from www.onetonline.org/find/result?s=sports%20medicine&a=1.

APPENDIX A: College Choice: Best Sports Medicine Degrees

(Source: www.collegechoice.net/rankings/best-sports-medicine-degrees)

Rank	Institution	Administrating Unit	Undergraduate Major (Concentrations)
1	University of North Carolina, Chapel Hill	Department of Exercise and Sport Science	<ul style="list-style-type: none"> ▪ Athletic Training <i>discontinued 2017</i> ▪ Exercise and Sport Science (General, Fitness Professional, Sport Administration)
2	University of Illinois at Urbana-Champaign	Department of Kinesiology and Community Health	<ul style="list-style-type: none"> ▪ Athletic Training <i>discontinued 2012</i> ▪ Community Health ▪ Kinesiology
3	University of Georgia	Department of Kinesiology	<ul style="list-style-type: none"> ▪ Athletic Training ▪ Exercise and Sport Science ▪ Health and Physical Education ▪ Sport Management
4	University of Minnesota, Twin Cities	School of Kinesiology	<ul style="list-style-type: none"> ▪ Athletic Training <i>discontinued 2014</i> ▪ Kinesiology ▪ Recreation Administration ▪ Sport Management
5	Rutgers, State University of New Jersey	Department of Kinesiology and Health	<ul style="list-style-type: none"> ▪ Exercise Science ▪ Sport Management
6	Texas A&M University	Department of Health and Kinesiology	<ul style="list-style-type: none"> ▪ Community Health ▪ Health Education (Allied Health, School Health) ▪ Kinesiology (Dance Science, Motor Behavior, Basic Exercise Physiology, Applied Exercise Physiology, ▪ Sport Management ▪ University Studies (Dance, Sports Conditioning)
7	Michigan State University	Department of Kinesiology	<ul style="list-style-type: none"> ▪ Athletic Training <i>discontinued 2018</i> ▪ Kinesiology
8	Truman State University	Department of Health and Exercise Sciences	<ul style="list-style-type: none"> ▪ Athletic Training <i>discontinued 2017</i> ▪ Exercise Science (Pre-Medical Sciences, Applied/Pre-Athletic Training, Sport/Recreation Management, Physical Education/Health) ▪ Health Science (Individualized, Pre-Medical Sciences, Community, Worksite and Public Health, Pre-Occupational Therapy/Pre-Athletic Training)
9	University of Northern Iowa	School of Kinesiology, Allied Health and Human Services	<ul style="list-style-type: none"> ▪ Athletic Training <i>discontinued 2018</i> ▪ Heath Promotion ▪ Leisure, Youth and Human Services ▪ Movement and Exercise Science (Exercise Science, Sports Psychology)
10	State University of New York, Cortland	Department of Kinesiology	<ul style="list-style-type: none"> ▪ Athletic Training ▪ Coaching ▪ Exercise Science ▪ Fitness Development ▪ Sport Studies