



**SOUTH DAKOTA BOARD OF REGENTS**  
**ACADEMIC AFFAIRS FORMS**  
**New Baccalaureate Degree Minor**

<b>UNIVERSITY:</b>	USD
<b>TITLE OF PROPOSED MINOR:</b>	Sport Medicine
<b>DEGREE(S) IN WHICH MINOR MAY BE EARNED:</b>	B.A., B.S., B.B.A., B.F.A., B.S.ED., B.M.
<b>EXISTING RELATED MAJORS OR MINORS:</b>	B.S. Kinesiology and Sport Management (Exercise Science Emphasis) Health Sciences minor
<b>INTENDED DATE OF IMPLEMENTATION:</b>	Fall 2018
<b>PROPOSED CIP CODE:</b>	31.0599
<b>UNIVERSITY DEPARTMENT:</b>	School of Education (SOE)
<b>UNIVERSITY DIVISION:</b>	Kinesiology & Sport Management (KSM)

**University Approval**

*To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.*

Click here to enter a date.

---

President of the University

---

Date

1. Do you have a major in this field?  Yes  No

2. If you do not have a major in this field, explain how the proposed minor relates to your university mission.

The Sport Medicine minor will provide students from diverse areas of study to supplement their education in a manner consistent with the philosophy of a liberal arts institution. In particular, this minor may provide requisite knowledge for exercise science, sport management and other majors interested in working in physical activity organizations, where basic care-related knowledge is needed. Further, for those wishing to pursue graduate education in medical areas, including athletic training and physical therapy, this minor would provide an introductory base knowledge in the area. Finally, in the spirit of liberal arts education, this program incorporates a course (Healthcare Terminology) from another division across campus.

3. What is the nature/purpose of the proposed minor?

This minor will provide students with specialized knowledge concerning the treatment and prevention of injuries related to sport and exercise. The minor includes required courses aimed at developing foundational skills necessary to understand the sport and exercise industry, and the knowledge/practical skills used by health professionals to treat individuals in the sport and exercise industry. (e.g. PE 354: Prevention and Care of Athletic Injuries). The other

courses proposed in the minor provide students with a First Aid/CPR certification, the impact of health and wellness as injury prevention measures in sport and exercise, and practical experience in a sport medicine environment (e.g. HLTH 250: Pre-Prof First Aid & CPR; HLTH 370: Stress Management; KSM 395: Practicum).

#### **4. How will the proposed minor benefit students?**

Students will gain knowledge and experience related to the treatment and prevention of injuries related to sport and exercise, which will supplement knowledge gained in other majors. This may include, but is not limited to, majors in biomedical sciences, health, business (particularly healthcare administration), exercise science, sport management, and education. This minor will also assist in preparing students interested in athletic training since this minor provides some of the prerequisites to gain admission into graduate school. All undergraduate athletic training programs must transition to a master's (only) program by 2020. A number of the courses in this minor (e.g., Exercise Physiology, Personal Health, and Healthcare Terminology) are common prerequisite courses for admission to athletic training master's programs. Many programs similarly require observation hours, which can be fulfilled through the required practicum in this minor. Further, while most athletic training master's programs will accept students from a number of majors, having related coursework may bolster the applications of students in non-medical majors. The Sport Medicine minor is designed to provide students with specialized knowledge related treatment of athletic injuries within the sport and exercise industry. These skills would serve as a complement to those developed in programs across the School of Business, School of Education, and School of Health Sciences.

#### **5. Describe the workforce demand for graduates in related fields, including national demand and demand within South Dakota. Provide data and examples; data sources may include but are not limited to the South Dakota Department of Labor, the US Bureau of Labor Statistics, Regental system dashboards, etc.**

According to the Bureau of Labor Statistics, the medical and health services industry is projected to gain a 6.6% employment growth in South Dakota from 2014-2024.<sup>1</sup> A study by Economic Modeling Specialists International found growth of 12.6% in sport related jobs nationwide post-recession.<sup>2</sup> Similarly, Grand View Research notes that industries related care of athletic injuries are forecasted to grow by roughly 7.7% over the next 10 years, particularly in areas related to Body Monitoring & Evaluation and Body Support & Recovery.<sup>3</sup> Markets & Markets, another research firm, suggests that the total value of the sport medicine industry will grow to \$8.24 billion by 2022, up from \$5.78 billion in 2017.<sup>4</sup> Locally, recent developments (e.g., Sanford Health and Avera Health Systems) have provided programs and opportunities to area high schools who desire a sport medicine partnership. These are encouraging signs for growth of sport related professions in the area. That is, outside of graduate school, the information provided in the minor would be useful (and may bolster credentials for) students interested in careers in physical education, coaching, and health related fields.

---

<sup>1</sup> South Dakota Board of Regents. (n.d.). *Employment Projections Dashboard*. Retrieved from <https://www.sdbor.edu/dashboards/Pages/Employment-Projections-Dashboard.aspx>

<sup>2</sup> Grasz, J. (2014). *Sports-Related Employment Is on the Rise and Creating Jobs in Other Industries, According to New Research from CareerBuilder and Economic Modeling Specialists*. Retrieved from <http://www.careerbuilder.com/share/aboutus/pressreleasesdetail.aspx?ed=12%2F31%2F2014&id=pr839&sd=8%2F28%2F2014>

<sup>3</sup> Grand View Research (2017). *Sports Medicine Market Analysis*. Retrieved from <https://www.grandviewresearch.com/industry-analysis/sports-medicine-industry>

<sup>4</sup> Markets & Markets (n.d.) *Sports Medicine Market worth 8.24 Billion USD by 2022*. Retrieved from <https://www.marketsandmarkets.com/PressReleases/sports-medicine-devices.asp>

6. Provide estimated enrollments and completions in the table below and explain the methodology used in developing the estimates.

<i>Estimates</i>	<b>Fiscal Years*</b>			
	<b>1<sup>st</sup></b>	<b>2<sup>nd</sup></b>	<b>3<sup>rd</sup></b>	<b>4<sup>th</sup></b>
	<b>FY 19</b>	<b>FY 20</b>	<b>FY 21</b>	<b>FY 22</b>
<b>Students enrolled in the minor (fall)</b>	<b>8</b>	<b>16</b>	<b>24</b>	<b>24</b>
<b>Completions by graduates</b>	<b>-</b>	<b>4</b>	<b>10</b>	<b>16</b>

\*Do not include current fiscal year.

The Exercise Science program at USD has experienced significant growth since its inception to the present, indicating student interest in the field. The Sport Medicine minor would provide a focus specialty for KSM exercise science majors who desire to pursue athletic training, physical therapy, and strength and conditioning. Further, courses in the program are increasingly popular as elective courses for students in other majors. In particular, HLTH 370 Stress Management (and it's projected that HLTH 250: Pre-Prof First Aid & CPR will regularly enroll students from outside majors. In particular, students in education, biomedical, business, and marketing who wish to apply their major to work in the sport industry, may find this minor particularly useful. Through aggressive and creative marketing efforts, and given previous course enrollment by non-exercise science students, it is expected that this program could grow exponentially.

7. What is the rationale for the curriculum? Demonstrate/provide evidence that the curriculum is consistent with current national standards.

Knowledge specific to physical fitness, treatment and prevention of injuries related to sport and exercise is imperative to the development of students interested in the fields of athletics, health professionals, medicine, coaching, and recreation and will prepare them for the numerous career opportunities in this field. As a result, the proposed minor has been modeled after numerous successful sport medicine programs throughout the United States. In addition, by 2020 all undergraduate athletic training programs will need to go to a master's degree (only), and this minor will prepare undergraduate students for athletic training graduate programs.

8. Complete the tables below. Explain any exceptions to Board policy requested.

**A. Distribution of Credit Hours**

<b>Sport Management (Minor)</b>	<b>Credit Hours</b>	<b>Percent</b>
Requirements in minor	18	100%
Electives in minor	0	0%
Total	18	

## B. Required Courses in the Minor

Prefix	Number	Course Title	Credit Hours	New (yes, no)
HLTH	103	Personal Health	2	No
HLTH	250	Pre-Prof First Aid & CPR	2	No
HLTH	370	Stress Management	3	No
HSC	250	Healthcare Terminology in the Clinical Setting	3	No
KSM	350	Exercise Physiology	3	No
KSM	395	Practicum	3	No
PE	354	Prevention and Care of Athletic Injuries	2	No
Subtotal			18	

### 9. Elective Courses in the Minor: List courses available as electives in the program. Indicate any proposed new courses added specifically for the minor.

Prefix	Number	Course Title	Credit Hours	New (yes, no)
Subtotal			0	

### 10. What are the learning outcomes expected for all students who complete the minor? How will students achieve these outcomes?

This minor will provide students with a wide base of knowledge that develops both critical thinking and practical skills related to sport and exercise related injuries. Students will take courses that cover a number of foundational content areas related to sport medicine, which mirror the content areas of various professional organizations such as National Strength and Conditioning Association, American Physical Therapy Association, National Athletic Training Association, and American College of Sport Medicine. Students will be able to identify and recognize the value of treatment methods used by board-certified professionals.

### 11. What instructional approaches and technologies will instructors use to teach courses in the minor? *This refers to the instructional technologies and approaches used to teach courses and NOT the technology applications and approaches expected of students.*

Instructors in exercise science use a number of teaching techniques including, traditional lecture, experiential and hands-on learning opportunities. Specifically, students will show proficiency in hands-on application skills used by health professionals to treat and prevent sport related injury via PE 354: Prevention and Care of Athletic Injuries and KSM 395 Practicum experience. Instructors may use online periodicals, research databases, course management software (i.e., Desire2Learn), recorded audio/ video materials, and live interviews with industry experts via teleconference.

## 12. Delivery Location<sup>5</sup>

- A. Complete the following charts to indicate if the university seeks authorization to deliver the entire program on campus, at any off campus location (e.g., UC Sioux Falls, Capital University Center, Black Hills State University-Rapid City, etc.) or deliver the entire program through distance technology (e.g., as an online program)?

	Yes/No	Intended Start Date	
On campus	Yes	Fall 2018	
	Yes/No	If Yes, list location(s)	Intended Start Date
Off campus	No		
	Yes/No	If Yes, identify delivery methods <sup>6</sup>	Intended Start Date
Distance Delivery (online/other distance delivery methods)	No		

- B. Complete the following chart to indicate if the university seeks authorization to deliver more than 50% but less than 100% of the certificate through distance learning (e.g., as an online program)?<sup>7</sup>

	Yes/No	If Yes, identify delivery methods	Intended Start Date
Distance Delivery (online/other distance delivery methods)	No		

13. Does the University request any exceptions to any Board policy for this minor? Explain any requests for exceptions to Board Policy. None

14. Cost, Budget, and Resources: Explain the amount and source(s) of any one-time and continuing investments in personnel, professional development, release time, time redirected from other assignments, instructional technology & software, other operations and maintenance, facilities, etc., needed to implement the proposed minor.

All courses are currently offered, therefore additional resources relate only to increased capacity of rooms on campus.

15. New Course Approval: New courses required to implement the new minor may receive approval in conjunction with program approval or receive approval separately. Please check the appropriate statement (place an "X" in the appropriate box).

YES,

*the university is seeking approval of new courses related to the proposed program in conjunction with program approval. All New Course Request forms are included as Appendix C and match those described in section 7.*

NO,

*the university is not seeking approval of all new courses related to the proposed program in conjunction with program approval; the institution will submit new course approval requests separately or at a later date in accordance with Academic Affairs Guidelines.*

<sup>5</sup> The accreditation requirements of the Higher Learning Commission (HLC) require Board approval for a university to offer programs off-campus and through distance delivery.

<sup>6</sup> Delivery methods are defined in [AAC Guideline 5.5](#).

<sup>7</sup> This question responds to HLC definitions for distance delivery.