

**KANSAS BOARD OF REGENTS
COUNCIL OF CHIEF ACADEMIC OFFICERS AGENDA**

**January 15, 2020
9:00 am – 9:50 am
or upon adjournment of SCOCAO
reconvene at noon**

The Council of Chief Academic Officers will meet in Suite 530 in the Curtis State Office Building at 1000 SW Jackson, Suite 520, Topeka, Kansas 66612. The Committee will reconvene at noon for lunch in Suite 530.

I. Call to Order

David Cordle, Chair

- A. Approve Minutes from the December 18, 2019 meeting p. 3

II. Requests

- A. First Reading
- 1. Bachelor of Science in Integrative Physiology KSU p. 5
- B. Second Reading
- 1. Request for a Master of Science in Athletic Training FHSU p. 14
- C. Other Requests
- 1. Act on Request for Approval of Name Change of the Professional Science Masters in Applied Science and Technology to Professional Science Masters in Applied Biosciences - KSU KSU p. 23
 - 2. Act on Request for Approval of Name Change of the Bachelor of Science in Athletic Training to the Bachelor of Science in Athletic Training and Rehabilitation Sciences - KSU KSU p. 23
 - 3. Act on Request to create a new Department of Personal Financial Planning - KSU KSU p. 24
 - 4. Act on Request for Approval of Name Change of the Department of Interior Architecture and Product Design to the Department of Interior Architecture and Industrial Design - KSU KSU p. 25

III. Council of Faculty Senate Presidents Update

Greg Schneider, ESU

IV. Other Matters

- A. Discuss Opportunities (new degree programs, partnerships, strategic initiatives, etc.) that Universities are Considering or Planning to Pursue in the Future COCAO Members
- B. Graduate Degrees and Certificates Offered for CEP Instructors Discussion Karla Wiscombe
- (https://www.kansasregents.org/students/concurrent_enrollment/concurrent-enrollment-faculty-qualifications)

V. Next COCAO Meeting – February 19 at 9 a.m. in Topeka

- Approve minutes from January 15th meeting

VI. Adjournment

Date Reminders:

- January 23: Admissions Working Group 1st Meeting
- February 20: COCAO Breakfast with the Board
- February 21: Program Review Report Deadline

COUNCIL OF CHIEF ACADEMIC OFFICERS

The Council of Chief Academic Officers, established in 1969, is composed of the academic vice presidents of the state universities. The Board's Vice President for Academic Affairs serves as an ex officio member, and the member from the same institution as the chairperson of the Council of Presidents serves as chairperson of the Council of Chief Academic Officers. The chief academic officers of the University of Kansas Medical Center and Washburn University are authorized to participate as non-voting members when agenda items affecting those institutions are to be considered. The Council of Chief Academic Officers meets monthly and reports to the Council of Presidents. The Council of Chief Academic Officers works with the Board Academic Affairs Committee through the Vice President for Academic Affairs. Membership includes:

David Cordle, Chair	ESU	Daniel Archer	KBOR
Jill Arensdorf	FHSU	Robert Klein	KUMC
Charles Taber	KSU	JuliAnn Mazachek	Washburn
Carl Lejuez	KU	Rick Muma	WSU
Howard Smith	PSU		

Council of Chief Academic Officers AY 2020 Meeting Schedule

Meeting Dates	Location	Lunch Rotation	Institution Materials Due	New Program Requests due
September 18, 2019	Topeka	WSU	August 30, 2019	July 19, 2019
October 16, 2019	<i>Conference Call for degree programs only</i>			
November 20, 2019	Pittsburg State University	PSU	November 1, 2019	September 20, 2019
December 18, 2019	Topeka	ESU	November 29, 2019	October 18, 2019
January 15, 2020	Topeka	KU	December 27, 2019	November 15, 2019
February 19, 2020	Topeka	FHSU	January 31, 2020	December 20, 2019
March 18, 2020	KUMC	KUMC	February 28, 2020	January 17, 2020
April 15, 2020	Kansas State University	KSU	March 27, 2020	February 14, 2020
May 20, 2020	Topeka	Washburn	May 1, 2020	March 20, 2020
June 17, 2020	Topeka	ESU	May 29, 2020	April 17, 2020

**Council of Chief Academic Officers
MINUTES**

Wednesday, December 18, 2019

The December 18, 2019, meeting of the Council of Chief Academic Officers was called to order by Chair David Cordle at 9:07 a.m. The meeting was held in Suite 530, located in the Curtis State Office Building, 1000 S.W. Jackson, Topeka, KS.

In Attendance:

Members:	David Cordle, ESU Howard Smith, PSU Carl Lejuez, KU	Jill Arensdorf, FHSU Rick Muma, WSU Robert Klein, KUMC	Charles Taber, K-State Daniel Archer, KBOR JuliAnn Mazachek, Washburn
Staff:	Karla Wiscombe Lisa Beck Erin Wolfram	Sam Christy-Dangermond Charmine Chambers Marti Leisinger	Amy Robinson April Henry
Others:	Jean Redeker, KU Linnea Glenmayer, WSU Brian Niehoff, K-State Michael McCloud, JCCC Lisa Kolm, Pratt CC Jennifer Ball, Washburn Ryan Ruda, Garden City CC Steve Sedbrook, FHSU Kevin Bracker, PSU Lori Winningham, Butler CC	Robert Klein, KUMC Michelle Schoon, Cowley CC Marc Malone, Garden City CC Mike Calvert, Pratt CC Monette DePew, Pratt CC Kaye Monk-Morgan, WSU Ken Trzaska, Seward CC David Fitzhugh, FHSU Steve Loewen, Flint Hills Tech Erin Shaw, Highland CC	Kim Krull, Butler CC Jon Marshall, Allen CC Cindy Hoss, Hutchinson CC Tricia Paramore, Hutchinson CC Joe McCann, Seward County CC Heather Morgan, KACCT Jeff Briggs, FHSU Greg Schneider, ESU Adam Borth, Fort Scott CC Jane Holwerda, Dodge City CC

Chair David Cordle welcomed everyone.

Approval of Minutes

Rick Muma moved to approve the minutes of the November 20, 2019 meeting. Jill Arensdorf seconded the motion and the motion passed.

First Reading

FHSU is requesting approval to offer a Master of Science in Athletic Training. This proposal is a degree transition driven by accreditation changes. Jill Arensdorf introduced Jeff Briggs, Steve Sedbrook, and David Fitzhugh who gave a brief presentation. Chuck Taber and David Cordle indicated their support, noting they had the same challenges due to the accreditation changes. The Committee had no further comments or questions. This program will now be placed on the next COCAO agenda for a second reading and action.

Council of Faculty Senate Presidents

Greg Schneider, ESU, presented an update. He stated they will meet later today and discuss a series of talking points on the free expression resolution as well as topics to be discussed the next day at breakfast with the Board.

Other Matters

Rick Muma, WSU, discussed efforts to start a nursing cohort at K-State in fall 2021 and stated they have received approval this month from the Kansas State Board of Nursing. He noted they are also working on two

graduate-level programs in Data Analytics and Materials Engineering.

JuliAnn Mazachek shared that Washburn is working on developing 3+3 law programs. She noted they are similar to that at KU, and they have been in conversations with KU and a few other schools. JuliAnn stated she will continue to reach out to the others.

PSU stated they are working on a master's program in Data Analytics as well.

Samantha Christy-Dangermond discussed program reviews coming up. She noted the due date on the agenda should be changed to February 21st, 2020, and an email was sent out with the updated due date, as well as an attached memo with programs to be reviewed and instructions. Sam stated anyone who wished to see what was submitted the prior year could email a request. No questions were presented by the Committee.

Jill Arensdorf started a discussion on the possibility of extending the due date for the strategic plan high impact practices, which was discussed during the SCOCAO meeting. The Committee decided to extend the deadline to February 7th. Carl Lejuez asked if their leadership team should provide feedback. Daniel responded that it is valuable to get feedback from two different perspectives.

Carl motioned for the Committee to recess until lunch. Lunch, drinks, and dessert will be in room 530. Rick Muma seconded the motion and the motion passed.

The Committee reconvened during lunch. No further business was discussed.

Adjournment

David Cordle noted that the University Press of Kansas would be meeting upon adjournment. Howard Smith motioned to adjourn the meeting. Chuck Taber seconded the motion and the motion passed.

Program Approval

Summary

*Universities may apply for approval of new academic programs following the guidelines in the Kansas Board of Regents Policy Manual. Kansas State University has submitted an application for approval and the proposing academic unit has responded to all of the requirements of the program approval process.
January 15, 2020*

I. General Information

A. Institution	Kansas State University
B. Program Identification	
Degree Level:	Bachelor's
Program Title:	Integrative Physiology
Degree to be Offered:	Bachelor of Science in Integrative Physiology
Responsible Department or Unit:	Department of Kinesiology/College of Health and Human Sciences
CIP Code:	<u>26.0901</u>
Modality:	Face-to-Face
Proposed Implementation Date:	August, 2020

Total Number of Semester Credit Hours for the Degree: 120

II. Clinical Sites (Not applicable)

III. Justification

The Kinesiology Department at Kansas State University currently offers one degree, a Bachelor of Science, in Kinesiology. Our students have diverse career aspirations, however, with the three most popular areas being Health Science Pre-Professional, Applied Exercise, and Physical Activity Health Promotion from student surveys. The majority of our students are interested in a career in a health profession (e.g., medicine, physical therapy, physician assistant, nursing, occupational therapy, etc.). While our degree has been successful in preparing students for professional schools (primarily due to the expertise and disciplines of our faculty), we believe that adding a degree that specifically prepares students for health careers would be very attractive and beneficial for students.

The intent of the B.S. in Integrative Physiology (IP) degree is to create a program specifically for students interested in health careers and to better prepare them for health professional schools. Our current B.S. in Kinesiology degree will still be offered for students who are interested in a general kinesiology curriculum, with a core focus on applied exercise and exercise behavior. The IP curriculum will add depth and breadth to prepare students for different health career paths, with a selection of upper-level courses designed to meet the requirements of their respective health discipline. The core curriculum in the IP degree will require students to take courses focused on the four major systems within the body (cardiovascular, pulmonary, neural, skeletal muscular), and on how these systems interact with each other in health and disease. Systems physiology has consistently served as the foundation for health profession preparation. The unrestricted elective options in this degree will allow students to enroll in courses outside of Kinesiology to fulfill necessary requirements, depending on their specific career aspirations, and make the program more interdisciplinary. Through the

rigorous, system-based curriculum of the IP degree, students will be prepared for health professional schools, as well as careers as biomedical scientists, physiotherapists, medical sales representatives, clinical scientists, research associates and other physiologically based health professions. We currently have seven tenured/tenure track physiologists in our department who teach and conduct research in physiology (health and disease, including heart failure, cancer, asthma, diabetes, etc.) that forms the backbone of this degree. Therefore, no additional faculty would be required to initiate this degree.

IV. Program Demand: Select one or both of the following to address student demand:

A. Survey of Student Interest

Number of surveys administered:	676
Number of completed surveys returned:	462
Percentage of students interested in program: ...	85%

In December 2018 we polled all our current Kinesiology students (n=676) and asked which area of Kinesiology they were pursuing (i.e., Health Science Pre-Professional, Applied Science, Physical Activity Health Promotion). The majority of those who responded stated Health Science Pre-Professional (85%; n=394). This Integrative Physiology degree is designed specifically towards those students interested in the Health Science Pre-Professional tract.

B. Market Analysis

The bachelor’s degree in Integrative Physiology at Kansas State University from the Department of Kinesiology was designed to recruit and train students specifically interested in health careers. The Integrative Physiology program incorporates the fundamentals of systems physiology as an independent major to train physiologists. This differs from common core in most Kinesiology/Exercise Science degrees, which focus on biomechanics, rehabilitative exercise, health promotion, exercise testing and prescription. Students in the IP program could take additional courses in exercise physiology which, when combined with the systems based courses of the IP degree, would make them competent as exercise physiologists. Therefore, for the IP degree, market analyses were performed for both “Physiologists” and “Exercise Physiologists” to incorporate career options for students with this standalone degree (i.e., those that do not pursue post-graduate health professions).

- 1) Careers in physiology and exercise physiology are projected to grow at around 10% on average, from 2018-2028 according to the Occupational Outlook Handbook from the US Department of Labor (Bureau of Labor Statistics). This includes health care and biomedical science related positions, for which students with the IP degree would be qualified, such as exercise physiologist (10% growth), cardiovascular/vascular specialists (14% growth), clinical laboratory technician (11% growth), and biological scientist (7% growth) (Bureau of Labor Statistics).
- 2) Demand for a Bachelor of Science in Integrative Physiology is strong. For example, at the University of Colorado-Boulder, a bachelor’s degree in Integrative Physiology was first offered in 2003 and now is the largest major at that institution with over 2,000 undergraduates. (University of Colorado – Boulder).
- 3) There are no “physiology” bachelor level programs offered across Kansas Regents institutions (Kansas Board of Regents). While there are degrees in Exercise Science at University of Kansas, Pittsburg State University, and Wichita State University, these are similar to the K-State degree in Kinesiology. The core emphasis of such degrees is on biomechanics, exercise testing and prescription, personal training, strength and conditioning, fitness management, and sport, recreation and commercial promotion. The IP degree does not incorporate core areas overlapping any of these aforementioned emphases of Exercise Science/Kinesiology programs. Any overlap of exercise physiology or health promotion is at the lower level with one introductory course in these two areas. The degree in integrative physiology offers core classes focused entirely on the anatomy and physiology of specific bodily systems (cardiac, cardiovascular,

pulmonary, neural, skeletal/muscular, etc.) in health. Further, upon how these systems are functionally integrated to optimize health, and how disease disrupts this integration leading to morbidity/mortality.

- 4) Our search showed no bachelor level degrees in Integrative Physiology offered at any Big 12 University. Across the United States, there are three institutions, that we are aware of, offering a bachelor level degree in “Integrative Physiology” (Univ. of Nevada at Las Vegas, Univ. Colorado-Boulder, and Alma College).
- 5) ZipRecruiter reports that a degree in physiology offers an average salary of \$52,589 (ZipRecruiter).

V. Projected Enrollment for the Initial Three Years of the Program

Year	Headcount Per Year		Sem Credit Hrs Per Year	
	Full- Time NEW	Part- Time NEW	Full- Time	Part- Time
Implementation	20		600	
Year 2	35		1,630	
Year 3	50		3,135	

VI. Employment

As noted above in the Market Analysis, the U.S. Department of Labor Bureau of Labor Statistics reported the job growth outlook for a bachelor’s degree in integrative physiology is projected to be range between 7-14% for the 2018-2028 time frame (Bureau of Labor Statistics). This includes positions of physiologist, biological scientists, laboratory technicians, exercise physiologists, and other related positions. The growth of such positions is above average compared to other job categories.

VII. Admission and Curriculum

A. Admission Criteria

University Admission Requirements:

Complete the precollege curriculum with at least a 2.0 GPA (2.5 for non-residents) **AND** achieve one of the following:

- A 21 or higher composite score on the ACT assessment **OR**
- A 1060 or higher on the SAT ERW+M if taken after March 2016 **OR**
- A 980 or higher on the SAT CR + M if taken before March 2016 **OR**
- Rank in the top third of your graduating class,
- **AND**, if applicable, achieve a 2.0 GPA or higher on all college credit taken in high school.

B. Curriculum

Year 1: Fall

SCH = Semester Credit Hours

Course #	Course Name	SCH = 14
KIN 220	Biobehavioral Bases of Physical Activity	4
BIOL 198	Principles of Biology	4
PSYCH 110	General Psychology	3
ENGL 100	Expository Writing I	3

Year 1: Spring

Course #	Course Name	SCH = 16
ECON 110	Principals of Macroeconomics	3
MATH 100	College Algebra	3
SOCIO 211	Introduction to Sociology	3
ENGL 200	Expository Writing II	3
KIN 310	Measure & Research Techniques in Kinesiology	4

Year 2: Fall

Course #	Course Name	SCH = 15
COMM 106	Public Speaking I	3
KIN 360	Anatomy and Physiology (or BIOL 341 & BIOL 342)	8
STATS 325	Introduction to Statistics	3
GNHE 210	Foundations of Human Ecology	1

Year 2: Spring

Course #	Course Name	SCH = 14
KIN 335	Physiology of Exercise	4
KIN 336	Physiology of Exercise Lab	1
KIN 345	Exercise Behavioral Science	5
CHM 210	Chemistry I	4

Year 3: Fall

Course #	Course Name	SCH = 16
	*Foundations in Integrative Physiology Course	3
	Integrative Physiology Elective	3
FNDH 400	Human Nutrition	3
	**Unrestricted Elective	4
	**Unrestricted Elective	3

Year 3: Spring

Course #	Course Name	SCH = 15
	*Foundations in Integrative Physiology Course	3
	Humanities Elective	3
	Humanities Elective	3
	**Unrestricted Elective	3
	**Unrestricted Elective	3

Year 4: Fall

Course #	Course Name	SCH = 15
	*Foundations in Integrative Physiology Course	3
	Integrative Physiology Elective	3
	**Unrestricted Elective	3
	**Unrestricted Elective	3
	**Unrestricted Elective	3

Year 4: Spring

Course #	Course Name	SCH = 15
	*Foundations in Integrative Physiology Course	3
	Kinesiology Elective	3
	**Unrestricted Elective	3
	**Unrestricted Elective	3
	**Unrestricted Elective	3

*Foundations in Integrative Physiology courses (students will take four of the five):

KIN 601 – Cardiorespiratory Physiology

KIN 603 – Cardiovascular Physiology

KIN 605 – Physiology Topics

KIN 607 – Muscle Physiology

KIN 611 – Neurological Physiology

**Unrestricted Electives: The program targets students seeking health careers, such as medicine, physical therapy, occupational therapy, nursing, physician assistant, and others. The student is advised and encouraged to use the unrestricted electives to extend their learning through specific courses in Kinesiology, Biology, Chemistry, and Biochemistry, as well as courses in Sociology, Psychology, History, Philosophy, and others pertinent to health careers.

Total Number of Semester Credit Hours 120

VIII. Core Faculty

FTE: 1.0 FTE = Full-Time Equivalency Devoted to Program

Faculty Name	Rank	Highest Degree	Tenure Track Y/N	Academic Area of Specialization	FTE to Proposed Program
Carl Ade	Assist Professor	Ph.D.	Y	Cardiovascular and Translational Physiology	0.20
Tom Barstow	Professor	Ph.D.	Y	Muscle Physiology	0.20
Brad Behnke	Professor	Ph.D.	Y	Cardiovascular Physiology	0.20
Steven Copp	Assist Professor	Ph.D.	Y	Neurophysiology	0.20
Craig Harms	Professor	Ph.D.	Y	Cardiopulmonary Physiology	0.10
Tim Musch	Professor	Ph.D.	Y	Cardiovascular Physiology	0.15
David Poole	Professor	Ph.D., D.Sc.	Y	Cardiorespiratory and Comparative Physiology	0.15

Number of graduate assistants assigned to this program 5

IX. Expenditure and Funding Sources (List amounts in dollars. Provide explanations as necessary.)

A. EXPENDITURES	First FY	Second FY	Third FY
Personnel – Reassigned or Existing Positions			
Faculty	\$149,670	\$152,663	\$155,717
Administrators (<i>other than instruction time</i>)			
Graduate Assistants	\$75,000	\$75,000	\$75,000
Support Staff for Administration (<i>e.g., secretarial</i>)	\$3,284	\$3,350	\$3,417
Fringe Benefits (<i>total for all groups</i>)	\$68,386	\$69,713	\$71,107
Other Personnel Costs			
Total Existing Personnel Costs – Reassigned or Existing	\$296,340	\$300,726	\$305,241
Personnel – – New Positions			
Faculty			
Administrators (<i>other than instruction time</i>)			
Graduate Assistants			
Support Staff for Administration (<i>e.g., secretarial</i>)			
Fringe Benefits (<i>total for all groups</i>)			
Other Personnel Costs			
Total Existing Personnel Costs – New Positions			
Start-up Costs - - One-Time Expenses			
Library/learning resources			
Equipment/Technology			
Physical Facilities: Construction or Renovation			
Other			
Total Start-up Costs	0	0	0
Operating Costs – Recurring Expenses			
Supplies/Expenses			
Library/learning resources			
Equipment/Technology	\$5,000	\$5,500	\$6,050
Travel			
Other			
Total Operating Costs	\$5,000	\$5,500	\$6,050
GRAND TOTAL COSTS	\$301,340	\$306,226	\$311,291

B. FUNDING SOURCES (projected as appropriate)	Current	First FY (New)	Second FY (New)	Third FY (New)
Tuition / State Funds		\$187,800	\$510,190	\$981,255
Student Fees		\$5,600	\$22,800	\$44,250
Other Sources				
GRAND TOTAL FUNDING		\$193,400	\$532,990	\$1,025,505
C. Projected Surplus/Deficit (+/-) (Grand Total Funding <i>minus</i> Grand Total Costs)		-\$107,940	+\$226,764	+\$714,214

X. Expenditures and Funding Sources Explanations

A. Expenditures

Personnel – Reassigned or Existing Positions

All faculty are currently employed by the Department of Kinesiology in the College of Health and Human Sciences. The percent time dedicated to the program is based on the courses taught each year. However all Kinesiology courses for the Integrative Physiology degree, both in the core and electives, are currently being offered by our department for the B.S. Kinesiology degree. Therefore, there is not an increased percent effort on our faculty time (other than the potential for increased class size). Expenditures in the table above, therefore, do not necessarily reflect added expenses to the university. Drs. Musch and Poole have dual appointments with the Department of Anatomy and Physiology at Kansas State University. An annual cost-of-living pay increase of 2% was added for each year for faculty and support staff.

Calculations

7 Faculty (YR 1): 7 FTE = \$873,075; 1.2 total FTE for degree = \$149,670

Benefits (30%) = \$44,901

Graduate Assistants: n=5 @\$15,000/yr = \$75,000

Benefits (30%) = \$22,500

Support Staff (10%) = \$3,284

Benefits (30%) = \$985

Total Salary = \$149,670 + \$75,000 + \$3,284 = \$227,954

Total Benefits = \$ 44,901 + \$22,500 + \$ 985 = \$ 68,386

Total Personal = \$296,340

Personnel – – New Positions

None

Start-up Costs – One-Time Expenses

None

Operating Costs – Recurring Expenses

This degree has substantial laboratory class time associated with it. Therefore, a modest \$5,000 (increased by 10%/annually) cost for equipment and technology is included. This would be covered by the current College of

Health and Human Science course fee (\$20/student credit hour).

B. Revenue: Funding Sources

Student Fee explanation: The College of Health and Human Sciences has a \$20 per credit hour on all classes in the college. Revenue from this fee is used to support student services in the program (e.g., laboratory supplies, advising, scholarships, etc.). The Department of Kinesiology has a \$15 per student credit hour on classes in the department. Revenue from this fee is used for instructional and advising support for the department.

Calculations

Student Credit Hours

$$\text{YR1: } 20 \text{ students} \times 30 \text{ SCH} = 600 \text{ SCH}$$

$$\begin{array}{l} \text{YR2: } 35 \text{ students} \times 30 \text{ SCH} = 1,050 \text{ SCH} \\ \quad 20 \text{ students} \times 29 \text{ SCH} = \underline{580 \text{ SCH}} \\ \qquad \qquad \qquad 1,630 \text{ SCH} \end{array}$$

$$\begin{array}{l} \text{YR 3: } 50 \text{ students} \times 30 \text{ SCH} = 1,500 \text{ SCH} \\ \quad 35 \text{ students} \times 29 \text{ SCH} = 1,015 \text{ SCH} \\ \quad 20 \text{ students} \times 31 \text{ SCH} = \underline{620 \text{ SCH}} \\ \qquad \qquad \qquad 3,135 \text{ SCH} \end{array}$$

Tuition

$$\text{YR 1: } \$313 \times 600 \text{ SCH} = \$187,800$$

$$\text{YR 2: } \$313 \times 1,630 \text{ SCH} = \$510,190$$

$$\text{YR 3: } \$313 \times 3,135 \text{ SCH} = \$981,255$$

Fees (note: \$20/SCH college fee, \$15/SCH department fee)

$$\text{YR 1: } 20 \text{ students} \times 8 \text{ SCH} \times \$35 = \$ 5,600$$

$$\begin{array}{l} \text{YR 2: } 35 \text{ students} \times 8 \text{ SCH} \times \$35 = \$ 9,800 \\ \quad 20 \text{ students} \times 1 \text{ SCH} \times \$20 = \$ 400 \\ \quad 20 \text{ students} \times 18 \text{ SCH} \times \$35 = \underline{\$12,600} \\ \qquad \qquad \qquad \$22,800 \end{array}$$

$$\begin{array}{l} \text{YR 3: } 50 \text{ students} \times 8 \text{ SCH} \times \$35 = \$14,000 \\ \quad 35 \text{ students} \times 1 \text{ SCH} \times \$20 = \$ 700 \\ \quad 35 \text{ students} \times 18 \text{ SCH} \times \$35 = \$22,050 \\ \quad 20 \text{ students} \times 3 \text{ SCH} \times \$20 = \$ 1,200 \\ \quad 20 \text{ students} \times 9 \text{ SCH} \times \$35 = \underline{\$ 6,300} \\ \qquad \qquad \qquad \$44,250 \end{array}$$

C. Projected Surplus/Deficit

There are no new expenses for this degree as our listed faculty are currently already teaching the Kinesiology courses listed for this degree. The estimated expenses do not necessarily reflect “new expenses”. Therefore, any new students to the university who enroll in this degree would generate additional surplus revenue. As explained above, approximately 85% of our current Kinesiology majors (676) stated by survey that they were interested in a health career. We anticipate that initially, the majority of current Kinesiology students would gravitate toward the Integrative Physiology degree. Our rationale of determining the number of students in the degree above is based on a very conservative estimate of new students to Kansas State University who would enroll in this degree.

Therefore, the projected surplus (or deficit in YR 1) for this degree we believe to be a very conservative estimate. Based on similar degrees from other institutions (e.g., University of Colorado-Boulder), we anticipate that enrollment in this degree would be much higher than listed once we are able to market the degree to students interested in a health related career.

XI. References

Bureau of Labor Statistics, <https://www.bls.gov/ooh/healthcare/exercise-physiologists.htm>

Kansas Board of Regents, https://kansasregents.org/academic_affairs/program_search.

University of Colorado – Boulder, <https://www.colorado.edu/iphy/>

ZipRecruiter, <https://www.ziprecruiter.com/Salaries/Physiologist-Salary>

Program Approval

Summary

Universities may apply for approval of new academic programs following the guidelines in the Kansas Board of Regents Policy Manual. Fort Hays State University has submitted an application for approval and the proposing academic unit has responded to all of the requirements of the program approval process.

January 15, 2020

I. General Information

A. Institution Fort Hays State University

B. Program Identification

Degree Level: Master's
Program Title: Athletic Training
Degree to be Offered: Master of Science in Athletic Training
Responsible Department or Unit: Health and Human Performance
CIP Code: 51.0913
Modality: Face-to-Face
Proposed Implementation Date: Summer 2021
Total Number of Semester Credit Hours for the Degree: 58

II. Clinical Sites: Does this program require the use of Clinical Sites? YES

Since this is a degree transition and not a new program, FHSU already has clinical education agreements and memorandum of understandings with numerous clinical sites with assigned students. These clinical sites are currently located in and around the Hays and FHSU service area. These clinical sites have been associated with the FHSU Athletic Training program for many years and remain dedicated to providing clinical education to athletic training students.

III. Justification

FHSU currently offers a Bachelor of Science in Athletic Training program accredited by the Commission on Accreditation of Athletic Training Education (CAATE) in the Department of Health and Human Performance. The CAATE recently changed its accreditation standards, eliminating the bachelor's degree, requiring institutions to transition to and offer a degree in Athletic Training at the graduate or master's level. This proposed program will continue to serve students in Western Kansas who wish to pursue a degree in Athletic Training. FHSU has a rich history of educating athletic trainers starting in 1972 when an internship program in athletic training was started by Doug Sebold, the first athletic trainer employed by FHSU. This program transitioned to an accredited program around the time the internship route was eliminated. Since 2003, the program has continued to educate future athletic trainers who have gone on to represent FHSU and the State of Kansas well in their careers.

FHSU is the only Regent school located West of Salina, serving the population of Western Kansas and providing high quality education at an affordable cost. FHSU is able to meet student needs for those who want

to attend a regional-comprehensive university, serving them close to home. FHSU will continue to offer this high-quality affordable education and meet the demands of the changing field of athletic training education. FHSU offers a quality athletic training education in a NCAA Division II climate utilizing two full-time faculty, four full-time athletic trainers, four graduate assistant athletic trainers, a physician medical director and two local physical therapists. Additionally, the athletic training program has tremendous support of its medical community, utilizing athletic trainers at HaysMed-The University of Kansas Health System, Russell Regional Hospital, and numerous other healthcare professionals in educating its students.

IV. Program Demand: Select one or both of the following to address student demand: Option B selected.

A. Survey of Student Interest

B. Market Analysis

The Hanover Research group concluded a market analysis examining several potential graduate degrees at Fort Hays State University. This report examined demands using student degree conferral trends and occupational demand projections of eight graduate programs. They examined both National and Regional levels with the Regional analysis including Kansas, Colorado, Nebraska, Missouri, Iowa, Texas, Arizona, Illinois and Oklahoma. This analysis concluded that of the eight graduate programs examined, athletic training represented the strongest opportunity for a new master's program. The report concluded "Student and labor demand indicators for athletic training are above average regionally as well as nationally. In addition, regional competitive saturation is low suggesting significant space for a new program to attract students from Kansas and surrounding states" (Hanover Research Group, 2017). The analysis found an overall 24.2% regional growth rate predicted between 2014 and 2024, which is higher than average. Overall, master's conferrals in athletic training have grown annually at 8.9 % regionally and 8.2 % nationally (Hanover Research Group, 2017). Finally, the report highlighted new emerging employment sectors for athletic trainers including occupational health, performing arts, healthcare, military and public safety with the total number of practicing athletic trainers growing from 42,000 in 2012 to over 49,000 in 2016 (Hanover Research Group, 2017).

Athletic Training Master's Conferrals and Occupational Projections

National Master's Conferrals in Athletic Training

Academic Field	2012	2013	2014	2015	2016	Growth Rate	AAC	STDEV
51.0913 Athletic Training/Trainer	517	510	549	667	708	8.2%	48	45

Regional Master's Conferrals in Athletic Training

Academic Field	2012	2013	2014	2015	2016	Growth Rate	AAC	STDEV
51.0913 Athletic Training/Trainer	153	183	177	201	215	8.9%	16	14

National Labor Projections for Athletic Trainers

Occupation	2016	2026	Volume Change	Percent Change	Avg. Annual Openings
29-9091 - Athletic Trainers	27,800	34,000	6,200	22.3%	2,200

Regional Labor Projections for Athletic Trainers

Occupation	2014	2024	Volume Change	Percent Change	Avg. Annual Openings
29-9091 - Athletic Trainers	6,280	7,800	1,520	24.2%	290

V. Projected Enrollment for the Initial Three Years of the Program

Year	Headcount Per Year		Sem Credit Hrs Per Year	
	Full- Time	Part- Time	Full- Time	Part- Time
Implementation	22	0	660	0
Year 2	22	0	1276	0
Year 3	22	0	1276	0

VI. Employment

The U.S. Department of Labor is projecting the employment of athletic trainers to grow 23 % from 2016 to 2026, faster than the average for all occupations. This growth, according to Career Planner.com, is primarily due to an increase in people's awareness of the effects of sports-related injuries such as concussions in the youth population and emerging markets such as the military, performance arts, and public safety. FHSU also contracted with the Hanover Research company to perform a market analysis and viability study for a master's degree program in Athletic Training. The report, provided to FHSU in November of 2017, confirmed the US Department of Labor projections on growth in the field. Additionally, the report, analyzing market trends both nationally and regionally, indicated of the eight disciplines analyzed for the institution, athletic training represented the strongest opportunity for a new master's program with a low competitive saturation level. In the Hanover report, the expected regional labor growth in the athletic training field between 2014 and 2024 is 24.2%, which is faster than average. It identified emerging employment opportunities in occupational health, performing arts, health care, military and public safety. Finally, their analysis indicated an annual master's degree conferral growth rate of 8.2% nationally and 8.9% regionally with labor projections for athletic trainers at 22.3% nationally and 24.2% regionally, indicating the demand for athletic trainers far outweighs the number of degrees being conferred. This market analysis indicates a Master of Science in Athletic Training is a viable degree option for Fort Hays State University.

VII. Admission and Curriculum

A. Admission Criteria

Students entering this program must have earned a bachelor's degree and meet program admission standards. These students will need to have a cumulative undergraduate GPA of 3.0 or better. The 2020 CAATE standards require students to have prerequisite courses in biology, chemistry, physics, psychology, anatomy and physiology at the postsecondary level (Standard 54). Additionally, students must gain foundational knowledge in statistics, research design, epidemiology, pathophysiology, biomechanics and pathomechanics, nutrition, pharmacology, public health, and health care delivery and payor systems incorporated into prerequisite coursework or as a component of the professional program (Standard 55). The program's admission requirements and curriculum are designed to meet these standards.

B. Curriculum

Year 1: Summer

SCH = Semester Credit Hour

Course #	Course Name	SCH
ATEP 600	General Medical Pathophysiology	3
ATEP 610	Emergency Care in Athletic Training	3
ATEP 625	Clinical Skills and Interventions Lab	2
ATEP 630	Pharmacology for the Athletic Trainer	2

Year 1: Fall

Course #	Course Name	11
ATEP 640	Research and Evidence Based Practice in Athletic Training	3
ATEP 650	Musculoskeletal Pathophysiology	3
ATEP 655	Musculoskeletal Evaluation Lab	1
ATEP 660	Therapeutic Interventions I	3
ATEP 680	Clinical Practicum	1

Year 1: Spring

Course #	Course Name	9
ATEP 645	Advanced Statistics	3
ATEP 665	Therapeutic Interventions II	4
ATEP 685	Field Experience I	2

Year 2: Summer

Course #	Course Name	9
ATEP 800	Healthcare in Athletic Training	3
ATEP 820	Advanced Essentials of Athletic Training	3
ATEP 865	Therapeutic Interventions III	3

Year 2: Fall

Course #	Course Name	9
ATEP 830	Health & Injury Psychology (virtual course)	3
ATEP 885	Field Experience (Immersive) II	6

Year 2: Spring

Course #	Course Name	10
HHP 640	Epidemiology for Public Health (virtual course)	3
ATEP 850	Athletic Training Foundations and Professional Development	2
ATEP 899	Thesis/Project	3
ATEP 890	Field Experience III	2

Total Number of Semester Credit Hours 58

VIII. Core Faculty

Note: * Next to Faculty Name Denotes Director of the Program, if applicable

FTE: 1.0 FTE = Full-Time Equivalency Devoted to Program

Faculty Name	Rank	Highest Degree	Tenure Track Y/N	Academic Area of Specialization	FTE to Proposed Program
David Fitzhugh*	Assoc. Prof.	PhD	Y	Athletic Training	1.0
Jason Graham	Instructor	MS	N	Athletic Training	1.0
TBD Faculty	Asst. Prof.	Doctorate	Y	Athletic Training	1.0
Carlee Lindsey	Instructor	MS	N	Athletic Training	0.5

Cassie Mettling	Instructor	MS	N	Athletic Training	0.5
Anthony Thomas	Adjunct Inst.	DPT	N	Physical Therapy	0.10

Number of graduate assistants assigned to this program 0

IX. Expenditure and Funding Sources (List amounts in dollars. Provide explanations as necessary.)

A. EXPENDITURES	First FY	Second FY	Third FY
Personnel – Reassigned or Existing Positions			
Faculty	\$159,384	\$160,978	\$162,572
Administrators (<i>other than instruction time</i>)	\$0	\$0	\$0
Graduate Assistants	\$0	\$0	\$0
Support Staff for Administration (<i>e.g., secretarial</i>)	\$0	\$0	\$0
Fringe Benefits (<i>total for all groups</i>)	\$60,369	\$60,661	\$60,953
Other Personnel Costs	\$0	\$0	\$0
Total Existing Personnel Costs – Reassigned or Existing	\$219,753	\$221,639	\$223,525
Personnel – – New Positions			
Faculty	\$38,000	\$38,383	\$38,764
Administrators (<i>other than instruction time</i>)	\$0	\$0	\$0
Graduate Assistants	\$0	\$0	\$0
Support Staff for Administration (<i>e.g., secretarial</i>)	\$0	\$0	\$0
Fringe Benefits (<i>total for all groups</i>)	\$17,220	\$17,392	\$17,566
Other Personnel Costs	\$0	\$0	\$0
Total Existing Personnel Costs – New Positions	\$55,220	\$55,775	\$56,330
Start-up Costs - - One-Time Expenses			
Library/learning resources	\$0	\$0	\$0
Equipment/Technology	\$5,000	\$3,000	\$0
Physical Facilities: Construction or Renovation	\$0	\$0	\$0
Other	\$0	\$0	\$0
Total Start-up Costs	\$5,000	\$3,000	\$0
Operating Costs – Recurring Expenses			
Supplies/Expenses	\$3,500	\$3,500	\$3,500
Library/learning resources	\$0	\$0	\$0
Equipment/Technology	\$0	\$0	\$0
Travel	\$3,375	\$3,375	\$3,375
Other (annual accreditation fee)	\$4,500	\$4,500	\$4,500
Total Operating Costs	\$11,375	\$11,375	\$11,375

GRAND TOTAL COSTS	\$291,348	\$291,789	\$291,230

B. FUNDING SOURCES <i>(projected as appropriate)</i>	Current	First FY (New)	Second FY (New)	Third FY (New)
Tuition / State Funds		\$176,055	\$347,180	\$354,124
Student Fees		\$4,400	\$8,800	\$8,800
Other Sources		\$0	\$0	\$0
GRAND TOTAL FUNDING		\$180,455	\$355,980	\$362,924
C. Projected Surplus/Deficit (+/-) (Grand Total Funding <i>minus</i> Grand Total Costs)		\$(110,893)	\$64,191	\$71,694

X. Expenditures and Funding Sources Explanations

A. Expenditures

Personnel – Reassigned or Existing Positions

Currently, the athletic training program has two 1.0 FTE positions (Dr. Fitzhugh & Mr. Graham) located in the Department of Health and Human Performance dedicated to the athletic training program. This is supplemented by three 0.5 FTE positions split between the Department of Health and Human Performance and the Department of Athletics. Under the new program, one of the 0.5 FTE positions will be converted to a 1.0 FTE tenure-track position in the Department of Health and Human Performance. This will result in approximately \$38,000 in additional salary necessary in year one. The other two 0.5 FTE positions would remain as currently deployed. This would result in a final faculty count of three 1.0 FTE and two 0.5 FTE positions dedicated to the athletic training program. Additionally, an adjunct instructor would be employed to teach ATEP 865: Therapeutic Interventions III during the summer. This adjunct instructor is currently being utilized to co-teach the comparable course in the undergraduate athletic training program. Salary data presented in table IX.A. represent a 1% increase in salary per year, assuming a 1% merit pool. The program director has an earned doctorate and Mr. Graham, the program's coordinator of clinical education, has completed two years in his doctoral program, which is expected to be completed summer 2021. The new faculty position will be required to have a doctorate. This will provide three 1.0 FTE doctoral level faculty for this program.

Personnel – – New Positions

The CAATE 2020 Accreditation Standard 41 requires three core 1.0 FTE athletic training faculty members dedicated to the program. This requires an additional full-time 1.0 FTE faculty member to be added to the department. CAATE has mandated this person must be an athletic trainer. As referenced previously, this standard will be met by converting a current 0.5 FTE instructor position to a full-time position in the

Department of Health and Human Performance. This position will require an earned doctorate and be a tenure-track appointment.

Start-up Costs – One-Time Expenses

This program is already in place, which minimizes start-up costs. As such, much of the infrastructure such as classroom facilities and equipment are already in place. The largest expense for the start-up cost is adding the additional athletic training faculty member. Additionally, the 2020 CAATE standards has increased the educational competencies of the athletic training students requiring initial expenditures of approximately \$8,000 spread out over two years to purchase equipment required to teach these new competencies. This includes extremity dislocation reduction models, suturing equipment and models, intravenous models and equipment, updated athletic protective equipment and other similar supplies.

Operating Costs – Recurring Expenses

This program is already in place, which minimizes the need for an increase in recurring expenses. The program already pays an annual accreditation fee of \$4,500.00, which will not change with the transition to a MSAT. Additionally, the program receives normal operating monies from the department for professional development, office supplies, expendable equipment, non-expendable equipment and normal operating expenses. There will be some increases in operating costs with additional professional development money needed for the new faculty position. Additionally, it is expected there will be an increase in expenses relating to expendable and non-expendable supplies/equipment and competency tracking software licensing fees required by the 2020 CAATE Accreditation Standards. The proposed student fee of \$100.00 per student per semester will assist in off-setting the cost of these additional supplies/equipment, accreditation fees, and licensing fees. Finally, administrative support is already provided through the department's senior administrative assistant and student secretaries resulting in no additional costs. There will also be no additional library costs added since the program already exists.

B. Revenue: Funding Sources

Tuition and fees will be used as the primary funding sources. Based on current enrollment patterns in the undergraduate athletic training program, 75% of the students will be from Kansas and 25% of the students will be from a contiguous state. Tuition revenue is calculated based on this projected 75%/25% distribution of students. To determine estimated revenue for year 1, the current resident graduate tuition rate was applied to 75% of generated student credit hours (\$242/credit hour X 495 SCH) and the current contiguous state graduate tuition rate was applied to 25% of generated student credit hours (\$341/credit hour X 165 SCH). This process was repeated for years 2 and 3 with resident graduate tuition rates applied to 75% of the student credit hours (957 SCH) and contiguous state graduate tuition rates applied to 25% of the student credit hours (319 SCH). Years 2 and 3 also assumed a 2% increase in tuition rates per year. Additionally, athletic training students will be assessed a program fee of \$100.00 during the fall/spring semesters (\$200.00 per year) to help offset the cost of equipment, one-time use supplies, competency tracking software licensing, and overall expenses related to having an athletic training program.

C. Projected Surplus/Deficit

The program is projected to have a deficit in revenue in the first year, with a small surplus emerging as the program achieves full enrollment in all cohorts, beginning in year 2.

XI. References

CAATE. (2018). 2020 Standards for Accreditation of Professional Athletic Training Programs. Retrieved from <https://caate.net/wp-content/uploads/2019/02/2020-Standards-Final-2-20-2019.pdf>.

Career Planner.com (2019). *Job Outlook for: Athletic Trainers*. Retrieved from <https://job-outlook.careerplanner.com/Athletic-Trainers.cfm>.

Hanover Research Group. (2017). *New Program Viability Scan*. Unpublished presentation prepared for Fort Hays State University.

U.S. Department of Labor. (2018). *Occupational Outlook Handbook – Athletic Trainers*. Retrieved from <https://www.bls.gov/ooh/healthcare/athletic-trainers.htm>.

November 14, 2019

Daniel Archer
Vice President, Academic Affairs
Kansas Board of Regents
1000 SW Jackson St., Ste. 520
Topeka, KS 66612

Dear Mr. Archer:

I am writing to request approval for changing the names of two degree programs.

First, we request changing the name of our Professional Science Masters in Applied Science and Technology to Applied Biosciences. This program is housed in the School of Applied and Interdisciplinary Sciences at the K-State Olathe Campus. The School has received internal approvals to change the PSM degree name to more clearly describe the content of the degree program. We are requesting approval to change the name of the PSM degree to be the *PSM in Applied Biosciences*. Along with the name change, the program was expanded with a few curricular changes to now offer two tracks in the program – animal health and food safety and security. The previous name of Applied Science and Technology was not suitable with the curricular changes and the addition of the new tracks.

Second, we request changing the name of the Bachelor of Science in Athletic Training to Athletic Training and Rehabilitation Sciences. The name change is required for accreditation purposes, specifically to differentiate the undergraduate pre-professional degree program from the MS in Athletic Training scheduled to start in summer 2020. Thus, we are requesting approval to change the name of the BS degree program to *BS in Athletic Training and Rehabilitation Sciences*. Accompanying the name change are a few curriculum changes in courses to add foundational knowledge for rehabilitation services.

Both changes have been approved through our internal processes, and I approve both name changes. Please let us know if you have any questions.

Sincerely,



Charles S. Taber
Provost and Executive Vice President

cc: Jackie Spears, Interim Dean and CEO, K-State Olathe
John Buckwalter, Dean, College of Health and Human Sciences
Brian Niehoff, Associate Provost for Institutional Effectiveness

Date: November 14, 2019

To: Dr. Blake Flanders, President
Kansas Board of Regents

From: Charles S. Taber, Provost and Executive Vice President



Re: Creation of new Department of Personal Financial Planning

Kansas State University is requesting to establish a new academic unit named the Department of Personal Financial Planning. Our academic program of Personal Financial Planning (PFP) has been housed within the School of Family Studies and Human Services for many years. Other programs within the School are Human Development and Family Science, Communication Sciences and Disorders, and Early Childhood Development. The new Department of Personal Financial Planning will still be housed in the College of Health and Human Sciences.

As evident, the PFP program differs in the types of students it draws compared to the other programs in the School. The PFP area includes a bachelors, masters, and doctoral degree, all of which are strong and viable. Enrollments in the BS and Masters programs have increased by 144% and 61%, respectively, in the past five years. The PhD has had steady enrollments of over 40 since 2017. All programs within the PFP area are Registered with the Certified Financial Planners Board of Standards.

By housing the PFP in its own department, it will be better able to attract students, as well as compete for students nationally. By having its own department, the PFP program will more closely align with peer institutions around the country. In addition, removing the PFP program from the School of Family Studies and Human Services will allow those remaining programs to be more focused in their own marketing to students.

I am supportive of this change. I believe that the new department will be successful, both academically and financially. It has already demonstrated academic strength and enrollment growth at all levels. This change will allow the programs more flexibility in their recruitment. It will also simplify the structure within the remaining areas in the School of Family Studies and Human Services. The change will not create more faculty positions unless subsequent growth demands it.

I have approved this change and would like it placed on the December agenda for the Council of Chief Academic Officers.

Please let me know if you have any questions on this change.

Thank you.

Date: December 20, 2019

To: Dr. Blake Flanders, President
Kansas Board of Regents

From: Dr. Charles S. Taber, Provost and Executive Vice President

Charles S. Taber

Re: Proposed name change to Department of Interior Architecture and Product Design

Kansas State University is proposing changing the name of the Department of Interior Architecture and Product Design to the Department of Interior Architecture and Industrial Design. This change was initiated by the department head and faculty as a strategy to rebrand the department in light of the addition of a new degree program.

The new Master in Industrial Design (MINDD) program, approved by the Kansas Board of Regents on December 18, 2019, strengthens the department's offerings and should grow into a strong program in the College of Architecture, Planning, and Design over time. The new MINDD program will be one of only a handful of such master level programs in the country. The department currently features the Master in Interior Architecture and Product Design as its only program, which is more heavily focused on the interior architecture than the product design component. The new department name of Interior Architecture and Industrial Design will clearly communicate to prospective students the two pillar programs offered through the department.

The dean of the College of Architecture, Planning, and Design has approved this change, and I strongly approve of the change as well. I believe that the new MINDD program will be attractive to prospective students, and agree that adding Industrial Design to the department name will better reflect the programs offered in the department and promote the new degree.

I approve this change and would like it to be placed on the January 2020 Council of Chief Academic Officers agenda for their approval.

Please let me know if you have any questions concerning this request.

Thank you.

Cc Dr. Daniel Archer, Kansas Board of Regents
Tim de Noble, Dean of Architecture, Planning, and Design