KANSAS BOARD OF REGENTS
COUNCIL OF CHIEF ACADEMIC OFFICERS

VIRTUAL MEETING AGENDA
Wednesday, February 12, 2025
9:00 a.m. – 10:00 a.m.
or upon adjournment of SCOCAO

The Council of Chief Academic Officers (COCAO) will meet virtually via Zoom. An in-person option will be available at the Curtis State Office Building at 1000 SW Jackson, Suite 530, Topeka, Kansas, 66612.

I. **Call to Order** Susan Bon, Chair
   A. Roll Call & Introductions
   B. Approve Minutes from January 15, 2025 p. 3

II. **Council of Faculty Senate Presidents Update** Norman Philipp, PSU

III. **First Reading**
   BS in Nutrition Barbara Bichelmeyer, KU p. 5

IV. **Second Reading**
   BS in Data Science Barbara Bichelmeyer, KU p. 15

V. **Other Matters**
   A. Request to change name of BS in Workforce Development to BBA in Human Resource Development Susan Bon, PSU p. 22
   B. Faculty & Staff Tuition Proposal Follow-up Norman Philipp, CoFSP
   C. Faculty of the Year Award Policy Update Sam Christy-Dangermond, KBOR, & Norman Philipp, CoFSP p. 23

   D. Discuss Opportunities (new degree programs, partnerships, strategic initiatives, etc.) that Universities are Considering or Planning to Pursue in the Future COCAO Members

VI. **Announcements**
   Next COCAO Meeting – March 12, 2025 – Virtual Meeting

VII. **Adjournment**

COUNCIL OF CHIEF ACADEMIC OFFICERS

The Council of Chief Academic Officers (COCAO), 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:

Jesse Mendez	K-State	Susan Bon, Chair	PSU
Brent Thomas	ESU	John Fritch	Washburn
Jill Arensdorf	FHSU	Monica Lounsbery	WSU
Barbara Bichelmeyer	KU	Rusty Monhollon	KBOR
Robert Klein	KUMC		

Council of Chief Academic Officers
AY 2025 Meeting Schedule

COCAO Academic Year 2024- 2025 Meeting Dates			
Meeting Dates	**Location (virtual or in-person)**	**Institutional Materials Due**	**New Program Requests Due**
September 18, 2024	Virtual	August 28, 2024	July 24, 2024
November 20, 2024	Kansas State University	October 30, 2024	September 25, 2024
December 18, 2024	Virtual	November 25, 2024	October 21, 2024
January 15, 2025	Virtual	December 24, 2024	November 19, 2024
February 12, 2025	Virtual	January 22, 2025	December 18, 2024
March 12, 2025	Virtual	February 19, 2025	January 15, 2025
April 16, 2025	Pittsburg State University	March 26, 2025	February 19, 2025
May 14, 2025	Virtual	April 23, 2025	March 19, 2025
June 11, 2025	Virtual	May 21, 2025	April 16, 2025

COCAO meets at 9:00 a.m. or upon adjournment of SCOCAO unless otherwise noted.

KANSAS BOARD OF REGENTS
COUNCIL OF CHIEF ACADEMIC OFFICERS
MINUTES
JANUARY 15, 2025

The January 15, 2025, meeting of Council of Chief Academic Officers was called to order by Chair Susan Bon at 9:05 a.m. The meeting was held virtually through Zoom with an in-person option held in Suite 530 located in the Curtis State Office Building, 1000 S.W. Jackson, Topeka, KS 66612.

MEMBERS PRESENT:

Jesse Mendez, KSU	Robert Klein, KUMC	Rusty Monhollon, KBOR (*ex officio*)
Brent Thomas, ESU	Susan Bon, PSU	
Jill Arensdorf, FHSU	Monica Lounsbery, WSU	

APPROVAL OF MINUTES
Jill Arensdorf moved that the minutes of the December 18, 2024, meeting be approved. Following the second of Provost Brent Thomas, the motion carried unanimously.

COUNCIL OF FACULTY SENATE PRESIDENTS UPDATE
Council of Faculty Senate Presidents Chair Norman Philipp provided an update. The council has been working on revisions to policy for the Faculty of the Year awards. Some updates include adding a third award that will include full-time non-tenure track faculty, and the discussion of duties has been extended to include areas of library, clinical, and extension. The revisions will hopefully be finalized at their meeting today and can be presented at the February COCAO meeting.

FIRST READING

BS IN DATA SCIENCE – KU
Jen Roberts, filling in for Provost Barbara Bichelmeyer, presented the first reading for the BS in Data Science. Dr. William Duncan shared information and answered questions about the presented program.

OTHER MATTERS

REQUESTS FOR MINORS IN DATA SCIENCE, PRE-HEALTH PROFESSIONS, FORENSIC SCIENCE, AND STATISTICS – KU
Jen Roberts presented four requests for minors for KU, including data science, pre-health professions, forensic science, and statistics. William Duncan, Stuart Day, and Mat Johnson shared information and answered questions for each program. Jill Arensdorf moved to approve the four minors as presented. Following the second of Jesse Mendez, the motion carried unanimously.

REQUEST TO CHANGE NAME OF PSM IN APPLIED SCIENCE AND DEPARTMENT OF CLINICAL CHILD PSYCHOLOGY
Jen Roberts presented two name change requests for KU. The first is to change PSM in Applied Science to PSM in Environmental Assessment and move to the Environmental Studies Program. The second is to change the Department of Clinical Child Psychology Program to the Department of Clinical Child Psychology. Brent Thomas moved to approve the two name changes to these degree programs as presented. Following the second of Jesse Mendez, the motion carried unanimously.

REQUEST TO CHANGE NAME OF BA EXERCISE SCIENCE AND ME EXERCISE SCIENCE
Monica Lounsbery presented two name change requests for WSU. The first is to change BA Exercise Science to

BS Exercise Science, and the second is to change ME Exercise Science to MS Exercise Science. Brent Thomas moved to approve the two name changes. Following the second of Jesse Mendez, the emotion carried unanimously.

<u>FACULTY TUITION PROPOSAL</u>
Council of Faculty Senate President Chair Norman Philipp presented a unified tuition assistance program proposal. This proposal aims to extend faculty tuition assistance programs across Kansas Board of Regents institutions. Susan Bon moved to recommend this proposal go to the next committee for further clarification and discussion. Brent Thomas shared his support for this concept but recommended that further details be worked out and finalized before moving to the next level of approval, and this proposal be tabled until more information can be provided. Vice President of Academic Affairs Rusty Monhollon asked if any cost estimates have been done yet. Professor Philipp stated that there has not been a cost analysis yet. He is still waiting on data from the universities on how many faculty and staff currently utilize these programs. Vice President Monhollon recommended having an estimate prior to presenting to the business officers. Jill Arensdorf shared that she was uncomfortable supporting the presented proposal without knowing the financial impact. Monica Lounsbery also expressed interest in the proposal pending further information. Susan Bon withdrew her original motion, and Brent Thomas withdrew his amendment. Monica Lounsbery moved to endorse, in concept, the proposal and request further exploration into the fiscal and mechanical implications of the program. Susan Bon seconded the motion. Brent Thomas offered an amendment to commend and thank the Council of Faculty Senate Presidents for their work on this important initiative. Susan Bon restated the present motion with the amendment, which is to commend and thank the Council of Faculty Senate Presidents and to conceptually endorse the tuition proposal that was shared today pending further exploration into fiscal and mechanical details and financial implications. Brent Thomas seconded the motion. The motion carried.

ADJOURNMENT
Brent Thomas moved that the meeting be adjourned. Following the second of Jesse Mendez, the motion carried. The meeting adjourned at 10:01 a.m.

Program Approval

Summary

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

February 12, 2025

I. General Information

A. Institution   University of Kansas

B. Program Identification

Degree Level:	Bachelor's
Program Title:	Nutrition
Degree to be Offered:	Bachelor of Science
Responsible Department or Unit:	School of Professional Studies
CIP Code:	30.1901
Modality:	Hybrid
Proposed Implementation Date:	Fall 2026

Total Number of Semester Credit Hours for the Degree: 120

II. Clinical Sites: No

III. Justification

Diet-related diseases are the leading cause of death in the United States today (Matthews and Kurnat-Thoma, 2024). These include heart disease, cancer, stroke, diabetes, kidney disease, chronic lung diseases, liver disease, hypertension, and nutritional deficiencies. Within the U.S., poor nutrition is attributed to six of the leading causes of death. The developmental, economic, social, and medical impacts of the global burden of malnutrition are serious and lasting for individuals and their families, for communities, and for countries.

The proposed BS in Nutrition offers a comprehensive understanding of how food and nutrition impact health, providing students with the foundational knowledge to pursue careers as nutritionists, dietitians, or related roles in the health field. Graduates of this program can work as health educators in the community; in federal programs such as USDA Food and Nutrition programs; in community food programs such as food banks, food pantries, and farmers markets; as corporate wellness coordinators; in food marketing and sales; or as health and nutrition writers. Additionally, with the strong foundation in science and research provided in this program, graduates are well prepared for admission to other graduate and professional programs (e.g., medical school, clinical lab sciences, biomedical science, Physical/Occupational Therapy).

Student interests and market needs, particularly in the Eastern part of the State, are well aligned with this program. Additionally, this proposal intentionally builds on the popular existing minor in Nutrition (with 114 students enrolled in Fall 2024) and establishes a bridge to the Master of Science in Dietetics and Nutrition graduate program at the University of Kansas Medical Center. Offering a Bachelor of Science will support retention and degree completion rates of KU students seeking a profession in this field and expand KU's portfolio of science-based health-related degrees.

The proposed program is developed with transfer students in mind and will be offered through the School of Professional Studies at the Edwards Campus in Overland Park. The Edwards Campus does not offer lower-division courses, but students are likely to fulfill those requirements at a community college. While this program is offered through the School of Professional Studies, incoming Lawrence-based students interested in pursuing the Nutrition degree are able to begin program requirements in their freshman year, which positions them to complete the degree program entirely at KU.

Though there are substantial foundational science requirements, as outlined in Appendix A, the program intentionally holds space for electives for students who may not have maximized the overlap between the Systemwide General Education requirements and the degree requirements. Students who have more available electives upon entering their junior year will be encouraged to consider a minor. Examples of complementary minors include, but are not limited to Public and Population Health, Environmental Health, Psychology, and Sociology. The proposed degree supports students' future success in a broad spectrum of roles in nutrition, health, and wellness fields while also fulfilling many pre-requisite requirements for graduate programs in health-related areas.

IV. Program Demand

Market Analysis
Only one public institution in Kansas offers programs with the same CIP Code. Kansas State University offers a Bachelor of Science in Nutrition and Health, an online BS completion program in Dietetics, and Nutrition and Health, and a BS in Sports Nutrition.

Two public universities in the Kansas City metro area offer nutrition degrees but only at the graduate level:
- University of Kansas Medical Center (KUMC) offers a Master of Science in Dietetics and Nutrition. This program is designed for students who want to become registered dietitians (RDs). RDs are qualified healthcare professionals who assess, diagnose, and treat nutritional problems. The KUMC program is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND).
- University of Central Missouri (UCM) offers a Master of Science in Nutrition with a Clinical Nutrition option. This program is designed for students who want to work in a clinical setting, such as a hospital or clinic. The UCM program is also accredited by ACEND.

Other Regional Nutrition programs at comparable 4-year public universities:

- Iowa State University offers a Bachelor of Science in Food Science and Human Nutrition program. This program combines the study of food science with nutrition, preparing students for careers in areas such as food product development, food safety, and clinical nutrition.

- University of Missouri-Columbia offers a BS in Nutrition and Exercise Science which is also part of the accelerated MS in Dietetics, and also a BS in Food science and Nutrition. This program provides a strong foundation in the science of nutrition and prepares students for a variety of careers in the field.

- University of Nebraska-Lincoln offers a Bachelor of Science in Nutrition and Dietetics program. This program is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) and prepares students for careers as registered dietitians.

- Colorado:
  - Colorado State University offers a BS in Nutrition, with three concentrations in Sport Nutrition, Dietetics and Nutrition Management, and Pre-Health Nutrition.
  - Metropolitan State University (Denver, CO) has three undergraduate degrees, in Nutrition Science, Nutrition Studies, and Dietetics and Nutrition.

- University of Northern Colorado has a BS in Nutrition and a BS in Dietetics, as well as a MS in Dietetics.
- Oklahoma:
  - Oklahoma State University offers a BS in Nutrition Science, with four specialty options in Public Health Nutrition, Human Nutrition/Pre-Medical Sciences, Allied Health, and Dietetics.
  - University of Central Oklahoma offers a BS in Nutrition, Dietetics and Food Management.

The field of Nutrition is growing and complex and warrants a variety of pathways for students to study this discipline. With this in mind, this proposal capitalizes on the School of Professional Studies' strong relationships with Kansas City metro-area community colleges, well-established transfer pathways focused on workforce needs and a close relationship with the University of Kansas Medical Center. This proposed program will provide a variety of academic on-ramps for students to enter this field and a variety of academic and career pathways upon graduation. Examples of the pathways for graduates are in three distinct areas: 1) pursuing a Master of Science in Dietetics and Nutrition to become a Registered Dietitian (the curriculum for the BS in Nutrition is intentionally and collaboratively designed with the KU Medical Center as the Commission on Dietetics Registration (CDR) requires a minimum of a masters' degree to be eligible to take the credentialing exam to become a Registered Dietitian), 2) pursuing other graduate and professional programs (e.g., medical school, clinical lab sciences, biomedical science, Physical/Occupational Therapy), and 3) direct entry into the workplace in fields such as public health, health policy and education, and sports/wellness nutrition.

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

Year	Total Headcount Per Year		Total Sem Credit Hrs Per Year	
	Full- Time	Part- Time	Full- Time	Part- Time
Implementation	15	5	450	60
Year 2	30	10	900	120
Year 3	40	15	1,200	180

VI. Employment

Bureau of Labor Statistics data support the development of an undergraduate Bachelor of Science in nutrition in the metro area. Nationally, employment of dietitians and nutritionists is projected to grow seven percent from 2022 to 2032, faster than the average for all occupations. This growth is driven by an increasing awareness of the importance of diet and nutrition in preventing and managing certain diseases and a growing interest in promoting health and wellness. The national median annual wage for dietitians and nutritionists was $69,680 in May 2023, with outpatient care centers and hospitals paying 10-15% above the median. BLS data indicate that the Kansas City metro area, in particular, employs a higher-than-expected number of dietitians and nutritionists, likely due in part to the concentration of hospitals and medical facilities in the metro area, and the number of clinical research organizations.

There are many career opportunities for BS-Nutrition graduates to find employment in the nutrition, health, and wellness sectors to serve the public in the state of Kansas and the nation. Sports nutrition, nutrition education, and public health nutrition are three in-demand specialties within the domain of nutrition that the KU program is particularly suited to address. Undergraduate students completing the proposed program may work as nutrition and health coaches in the nutrition, health and wellness industry, while students interested in pursuing additional education and licensure through graduate programs may become registered dietitian nutritionists. Furthermore, the robust and scientific-based curriculum of the proposed program ensures that program alumni are competitive for graduate and professional degrees in medical and healthcare fields.

VII. Admission and Curriculum

A. Admission Criteria

This program intends to follow the institution's Qualified Admission criteria.

B. Curriculum
Appendix A provides a list of specific course requirements as organized by curricular categories (e.g., foundational science and nutrition core).

Year 1: Fall   **SCH = Semester Credit Hours**

Course #	Course Name	SCH
BIOL 150	Principles of Molecular and Cellular Biology	3
BIOL 154	Introductory Biology Lab for STEM Majors	2
MATH 101	KBOR Mathematics & Statistics Discipline Area - College Algebra	3
A&H	KBOR Arts & Humanities Discipline Area	3
ENGL	KBOR English Discipline Area	3
		Tot:14

Year 1: Spring

Course #	Course Name	SCH
BIOL 240	Fundamentals of Human Anatomy	3
CHEM 130	General Chemistry I	5
A&H	KBOR Arts & Humanities Discipline Area	3
ENGL	KBOR English Discipline Area	3
S&BS	KBOR Social & Behavioral Science Discipline Area	3
		Tot:17

Year 2: Fall

Course #	Course Name	SCH
CHEM 135	General Chemistry II	5
HSCI 320	Principles of Nutrition	3
COMS	KBOR Communications Discipline Area	3
S&BS	KBOR Social & Behavioral Science Discipline Area	3
		Tot:14

Year 2: Spring

Course #	Course Name	SCH
BIOL 246	Principles of Human Physiology	3
CHEM 330	Organic Chemistry I	3
CHEM 331	Organic Chemistry I Lab	2
	KBOR Natural & Physical Science Designated Area	4
	KBOR Institutional Designated Area	3
		Tot:15

Year 3: Fall

Course #	Course Name	SCH
BIOL 200 or BSCI 400	Microbiology	3

Course #	Course Name	SCH
HSCI 316	Career Exploration in Nutrition	3
HSCI 421	Public Health Nutrition	3
HSCI 422	Nutrition Assessment	3
	KBOR Institutional Designated Area	3
		Tot:15

Year 3: Spring

Course #	Course Name	SCH
BIOL 600 or BSCI 600	Biochemistry	3
HSCI 420	Nutrition Through the Life Cycle	3
HSCI 425	Nutrition Education	3
MATH 365	Statistics	3
	Elective	3
		Tot:15

Year 4: Fall

Course #	Course Name	SCH
HSCI 521	Advanced Nutrition & Metabolism	3
HSCI 525	Nutrition Research Methods	3
	Elective	3
	Elective	3
	Elective	3
		Tot:15

Year 4: Spring

Course #	Course Name	SCH
HSCI 523	Nutrition in Disease Treatment and Prevention	3
HSCI 598	Capstone in Nutrition	3
	Nutrition Elective	3
	Elective	3
	Elective	3
		Tot:15

Total Number of Semester Credit Hours ……………………………………………………. 120

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
TBH*	Full/Associate/Assistant Teaching Professor and Program Lead	PhD	N	Medical Nutrition Science, Public Health Nutrition	1.0
Jessica Provost	Assistant Teaching	PhD	N	Medical Nutrition	.75

	Professor			Science, Sports Nutrition	
Austin Sullivan	Assistant Teaching Professor	PhD (expected Dec 2024)	N	Medical Nutrition Science	.75
Mark Jakubauskas	Teaching Professor	PhD	N	Health Sciences	.13
Brendan Mattingly	Associate Teaching Professor	PhD	N	Molecular Bioscience	.13
Sonia Thomas	Assistant Professor of the Practice	PhD	N	Molecular Bioscience	.13
TBH Year 2	Assistant Teaching Professor	PhD	N	Medical Nutrition Science and/or Public Health Nutrition	.75

Number of graduate assistants assigned to this program …………………………………. **0**

IX. Expenditure and Funding Sources

A. EXPENDITURES	First FY	Second FY	Third FY
Personnel – Reassigned or Existing Positions			
Faculty	$197,091	$203,004	$209,094
Administrators *(other than instruction time)*	$-	$-	$-
Graduate Assistants	$-	$-	$-
Support Staff for Administration *(e.g., secretarial)*	$4,590	$4,728	$4,870
Fringe Benefits *(total for all groups)*	$61,595	$62,805	$64,051
Other Personnel Costs	$50,000	$50,000	$50,000
Total Existing Personnel Costs – Reassigned or Existing	$313,276	$320,537	$328,015
Personnel – New Positions			
Faculty	$42,000	$110,760	$114,083
Administrators *(other than instruction time)*	$63,000	$64,890	$66,837
Graduate Assistants	$-	$-	$-
Support Staff for Administration *(e.g., secretarial)*	$-	$-	$-
Fringe Benefits *(total for all groups)*	$31,123	$52,845	$53,899
Other Personnel Costs	$-	$-	$-
Total Existing Personnel Costs – New Positions	$136,123	$228,495	$234,819
Start-up Costs - One-Time Expenses			
Library/learning resources	$15,000	$15,000	$-

Equipment/Technology	$1,375	$1,375	$-
Physical Facilities: Construction or Renovation	$-	$-	$-
Other	$15,000	$15,000	$-
Total Start-up Costs	$31,375	$31,375	$-
Operating Costs – Recurring Expenses			
Supplies/Expenses	$225	$281	$281
Library/learning resources	$-	$-	$-
Equipment/Technology	$-	$-	$-
Travel	$442	$442	$442
Other – marketing/recruiting, faculty professional development, instructional resources	$17,200	$18,250	$18,250
Total Operating Costs	$17,867	$18,973	$18,973
GRAND TOTAL COSTS	$498,641	$599,380	$581,807

B. FUNDING SOURCES *(projected as appropriate)*	Current	First FY (New)	Second FY (New)	Third FY (New)
Tuition / State Funds	$	$ 252,450	$ 504,900	$ 683,100
Student Fees	$	$ 0	$ 0	$ 0
Other Sources (JCERT)	$0	$ 246,191	$ 94,480	$ 0
GRAND TOTAL FUNDING	$ 0	$ 498,641	$ 599,380	$ 683,100
C. Projected Surplus/Deficit (+/-) (Grand Total Funding *minus* Grand Total Costs)		$ 0	$ 0	$101,293

X. Expenditures and Funding Sources Explanations

A. Expenditures
Personnel – Reassigned or Existing Positions

The BS in Nutrition program will utilize some existing courses and faculty that are currently offered at KU as part of the School of Professional Studies curriculum.

Five current faculty will have portions of their workloads redistributed to meet the needs of this new program; the proportions of the combined teaching loads are equivalent to 2.0 FTE and is budgeted for $197,091 in salary for year one. Additionally, the existing Administrative Associate that supports academic programs within the School of Professional Studies will be budgeted at .1 FTE, which is $4,590 in year one salary expenses. Fringe for these totals $61,595 in year one. The budget anticipates a 3% increase for these expenses in years two and three. The budget also includes $50,000/year for advising and navigator support for prospective and current

students. This support model is intentionally designed to introduce and familiarize transfer students with the unique program and institutional structures for Nutrition. This wage is budgeted to be flat year over year until the program exceeds 150 enrolled students.

Personnel – New Positions
Upon approval of this proposal, a new person will be hired to fill the role of program director for the BS in Nutrition. The person's time will be split with 40% designated to teaching and 60% designated to administration.

The Nutrition program will hire one new faculty member at $90,000/year with an emphasis in Medical Nutrition Science and Public Health Nutrition or a related field in year two of the program. This hire will have .75FTE allocated to teaching courses within the Nutrition degree and .25FTE to other areas (such as Health Sciences). A 3% increase is budgeted for these new positions in years two and three.

Start-up Costs – One-Time Expenses
To ensure a successful launch of the program, we have designated $30,000/year during the first two years for course development and library resources. Estimated costs will be evenly split between investing in additional library collections and course development. Years one and two also budget for new laptops and other equipment to support new hires.

Operating Costs – Recurring Expenses
Operating costs include supplies and travel/mileage (10 round trips to and from the Larwence and Edwards Campus per year: 66 miles * $.67/mile for faculty driving between campuses). Other operating expenses include instructional resources, recruitment efforts, and marketing efforts. Program faculty members will also receive $1,400 each year for professional development.

B. Revenue: Funding Sources
The BS in Nutrition program has been approved for funding by the Johnson County Education and Research Triangle[1] (JCERT) Board. The program will be fully funded through JCERT funds and tuition revenue. No state funds will be utilized. JCERT funds will be used to help fund the program during the implementation year until the program is revenue generating and sustainable on tuition funds alone. Due to the unique location of the Edwards Campus, the BS in Nutrition program is seeking a non-standard tuition rate of $495 per credit hour to ensure that the program is affordable and accessible to all students throughout the Kansas City metropolitan area and those who recently relocated to the area.

C. Projected Surplus/Deficit
Given the anticipated costs and revenue, the program is expected to be self-sustaining in year three. JCERT funds will be used to help fund the program during the implementation until the program is revenue generating and sustainable on tuition funds alone.

As enrollment for the program scales, surplus revenue will be utilized to help improve the overall student experience, provide additional funding to support services, and hire additional faculty, as needed.

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[1] The Johnson County Education Research Triangle (JCERT) is a unique partnership between Johnson County, the University of Kansas, and Kansas State University. Its goal is to create economic stimulus and a higher quality of life through new facilities for research and educational opportunities. In November 2008, Johnson County voters invested in the county's future by voting for a 1/8-cent sales tax to fund JCERT initiatives, including development of the National Food and Animal Health Institute at K-State Olathe; the KU Clinical Research Center in Fairway, Kansas; and here at KU Edwards, the BEST Building with several degree and certificate offerings in business, engineering, science, and technology.

XI. References

Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook*, Dietitians and Nutritionists, at https://www.bls.gov/ooh/healthcare/dietitians-and- nutritionists.htm (visited *December 10, 2024*).

Matthews ED and Kurnat-Thoma EL (2024). U.S. food policy to address diet-related chronic disease. *Front. Public Health*. 12:1339859. doi: 10.3389/fpubh.2024.1339859

Appendix A: Required Courses for the BS in Nutrition

- **Kanas Systemwide General Education: 34-35 credit hours**
  - o English Discipline – 6 credit hours
  - o Communications Discipline – 3 credit hours
  - o Social & Behavioral Science Discipline Area – 6 credit hours
  - o Mathematics and Statistics Discipline Area – 3 credit hours
    - ▪ MATH 101 College Algebra
  - o Natural & Physical Science Discipline Area – 4-5 credit hours
  - o Arts & Humanities Discipline Area – 6 credit hours
  - o Institutionally Designated Area – 6 credit hours
- **Foundational Science: 38 credit hours**
  - o BIOL 150: Principles of Molecular and Cellular Biology – 3 credits hours
  - o BIOL 154: Introductory Biology Lab for STEM Majors – 2 credits hours
  - o BIOL 200: Basic Microbiology or BSCI 400: Microbiology – 3 credits hours
  - o BIOL 240: Fundamentals of Human Anatomy – 3 credits hours
  - o BIOL 246: Principles of Human Physiology – 3 credits hours
  - o BIOL 600: Introductory Biochemistry or BSCI 600: Biochemistry – 3 credits hours
  - o CHEM 130: General Chemistry I – 5 credits hours
  - o CHEM 135: General Chemistry II – 5 credits hours
  - o CHEM 330: Organic Chemistry I – 3 credits hours
  - o CHEM 331: Organic Chemistry I Laboratory – 2 credits hours
  - o MATH 365: Elementary Statistics – 3 credits hours
- **Nutrition Core: 27 credit hours**
  - o HSCI 316: Exploring Careers in Nutrition – 3 credits hours
  - o HSCI 320: Principles of Nutrition – 3 credits hours
  - o HSCI 420: Nutrition Through the Life Cycle – 3 credits hours
  - o HSCI 421: Public Health Nutrition – 3 credits hours
  - o HSCI 422: Nutrition Assessment – 3 credits hours
  - o HSCI 425: Nutrition Education – 3 credits hours
  - o HSCI 521: Advanced Nutrition and Metabolism – 3 credits hours
  - o HSCI 523: Nutrition in Disease Treatment and Prevention – 3 credits hours
  - o HSCI 525: Nutrition Research Methods – 3 credits hours
- **Nutrition Capstone: 3 credit hours**
  - o HSCI 598 Nutrition Capstone – 3 credits hours

Program Approval

Summary

Universities may apply for approval of new academic programs following the guidelines in the Kansas Board of Regents Policy Manual. The University of Kansas 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, 2025

I. General Information

A. Institution   University of Kansas

B. Program Identification
Degree Level: Bachelor's
Program Title: Data Science
Degree to be Offered: Bachelor of Science in Data Science
Responsible Department or Unit: Psychology
CIP Code: 30.0601
Modality: Face-to-Face
Proposed Implementation Date: Fall 2025

 Total Number of Semester Credit Hours for the Degree: 120

II. Clinical Sites: Does this program require the use of Clinical Sites?   No

III. Justification

The Bachelor of Science (B.S.) in Data Science is aimed at students who are interested in pursuing careers in data science or related fields. The B.S. in Data Science degree is a multidisciplinary undergraduate program that will provide students training in mathematics, computation, and statistics; data collection, management, description, and analysis; communication and project management; ethics; problem solving; and decision making.

The program objective is consistent with a Data Science degree curriculum: to prepare students for a 21st century workforce where data analysis is critical to the functioning of society, business, and education. Upon completion of this major, students will gain technical capabilities, enhanced critical and analytical thinking skills, a well-developed skillset for coding, programming, managing, and interpreting data sets, as well as effective writing, communication, and collaborative working skills.

The combination of social science and data science distinguishes the Data Science degree in the College of Liberal Arts and Sciences. Naive approaches to artificial intelligence and data science replicate the biases present in society (AI Multiple, n.d.).Algorithms are only as good as the training data and assumptions used in the models. The Data Science degree combines data science methods with a social science perspective on the data-generating process. The grounding in social science prepares students with the insights needed to interpret the vast amounts of data being created by social processes, government, political processes, communication, and economic activity. As a result, the Data Science degree will produce well-rounded graduates with technological savvy, preparing them for a labor market that increasingly relies on skills that cannot be replaced by ChatGPT.

This proposed degree advances current work at the University of Kansas funded by the National Science Foundation (NSF). The NSF provided funding for the Kansas Data Science Consortium (KDSC) and a mission to enhance the data science capacity of the workforce in Kansas. Faculty and staff in the KDSC contributed to the

curriculum design for the proposed degree. Part of the consortium's work has been to integrate data science into the curriculum across high school, community college, and baccalaureate programs. The curriculum in this major will articulate with courses that exist or will be proposed at community colleges in Kansas to create pathways into the B.S. degree program. Additionally, should this major be approved, work is underway to develop 2+2 agreements to facilitate seamless transfer between community college data science programs and the B.S. in Data Science at the University of Kansas. Current community college partners include data science faculty at Johnson County Community College and Butler Community College.

IV. Program Demand

Market Analysis
According to the Bureau of Labor Statistics (2023), there were 169,000 jobs in data science in 2022, and the expected growth in data science jobs between 2022 and 2032 is 35%. The growth rate in data science jobs is more than three times higher than for other occupations. Data scientists earn an average of $104,000 per year. According to Lightcast there were 496,000 unique data science job postings between January 2021 and December 2022. Most data scientists have a bachelor's degree.

Five years ago, a bachelor's degree in data science was nearly nonexistent. Currently, over fifty institutions across the country are offering a data science major. In the last year alone, more than a dozen new data science bachelor's degree programs have been launched, reflecting the demand for graduates with a data science skillset.

There are no public universities/colleges in the state of Kansas that offer a B.S. degree with the same CIP Code. The curriculum in this proposal has been developed in collaboration with faculty at UC Berkeley, using their data science bachelor's program as a model. Berkeley's bachelor's program was founded in 2015; within five years it had 900 undergraduate majors, including double majors, and 450 minors. More than 6,000 of the 45,000 Berkeley students take a data science course each year.

In Fall 2022, KU's Psychology department began offering an undergraduate certificate in data science. It enrolled twelve students. In the fall 2024 semester, the number of students has increased to 52.

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

Year	Total Headcount Per Year		Total Sem Credit Hrs Per Year	
	Full- Time	Part-Time	Full- Time	Part-Time
Implementation	5	0	150	0
Year 2	10	0	300	0
Year 3	20	0	600	0

Conservative projections are based on interest in the current undergraduate data science certificate, and the demand trends in the field of data science. Many of these students will double-major as the design of the program facilitates students studying data science and another major in the College of Liberal Arts and Sciences, thus enhancing the interest in data science and strengthening majors across campus.

VI. Employment

There are a variety of employment opportunities for students who study for a Bachelor of Science in Data Science. The Lightcast (2022) market analysis report requested by the University of Kansas shows that the target occupations for data science graduates are those listed below:

Market Research Analysts and Marketing Specialists

Management Analysts
Financial Managers
Postsecondary Teachers
Financial and Investment Analysts
Computer Programmers
Financial Risk Specialists
Data Scientists
Statisticians
Mathematical Science Occupations, All Other

Combined, these occupations accounted for 1.69 million jobs in 2019. Between 2019 and 2021, there were 237,143 job openings for these occupations. Across these occupations, the number of jobs grew by 4.8 percent.

The median earnings across these occupations ranges from $30 per hour to $60 per hour. For all occupations included in the analysis, the median earnings are $42.45 per hour and $88.3k per year.

VII. Admission and Curriculum

D. Admission Criteria
Qualified Admission criteria are used, as this program does not have separate admission requirements.

E. Curriculum

Year 1: Fall SCH = Semester Credit Hours

Course #	Course Name	SCH=15
PSYC 199	Data I	3
EECS 138	Introduction to Computing	3
	KBOR Core English (SGE)	3
MATH 101	College Algebra (KBOR Core Math (SGE))	3
	KBOR Core Arts and Humanities (SGE)	3

Year 1: Spring

Course #	Course Name	SCH=15
PSYC 399	Data II	3
MATH 115	Calculus I	3
	KBOR Core English (SGE)	3
	KBOR Core Communications (SGE)	3
	KBOR Core Arts and Humanities (SGE)	3

Year 2: Fall

Course #	Course Name	SCH 16-17
MATH 365	Elementary Statistics	3
MATH 116	Calculus II	3
	KBOR Core Social and Behavioral Sciences (SGE)	3
	KBOR Core Natural and Physical Sciences (SGE)	4-5
	KBOR Core Institutionally Designated Global Culture (SGE)	3

Year 2: Spring

Course #	Course Name	SCH=14
MATH 290	Elementary Linear Algebra	2

PSYC 500	Intermediate Statistics	3
	KBOR Core Social and Behavioral Sciences (SGE)	3
	Second Area of Study/Elective/Degree Hours	3
	KBOR Core Institutionally Designated U.S. Culture (SGE)	3

Year 3: Fall

Course #	Course Name	SCH=15
PSYC 599	Data III	3
	Domain of Application: Course numbered 300-699 from ABSC, COMS, ECON, MATH, POLS, PSYC, or SOC	3
	Second Area of Study/Elective/Degree Hours	3
	Second Area of Study/Elective/Degree Hours	3
	Second Area of Study/Elective/Degree Hours	3

Year 3: Spring

Course #	Course Name	SCH=15
PSYC 612	Data IV	3
	Domain of Application : Course numbered 300-699 from ABSC, COMS, ECON, MATH, POLS, PSYC, or SOC	3
	Second Area of Study/Elective/Degree Hours	3
	Second Area of Study/Elective/Degree Hours	3
	Second Area of Study/Elective/Degree/Junior-Senior Hours	3

Year 4: Fall

Course #	Course Name	SCH=15
	Domain of Application Course numbered 300-699 from ABSC, COMS, ECON, MATH, POLS, PSYC, or SOC	6
	Second Area of Study/Elective/Degree/Junior-Senior Hours	3
	Second Area of Study/Elective/Degree/Junior-Senior Hours	3
	Second Area of Study/Elective/Degree/Junior-Senior Hours	3

Year 4: Spring

Course #	Course Name	SCH=15
PSYC 699	Community Data Lab	3
	Second Area of Study/Elective/Degree/Junior-Senior Hours	3
	Second Area of Study/Elective/Degree/Junior-Senior Hours	3
	Second Area of Study/Elective/Degree/Junior-Senior Hours	3
	Second Area of Study/Elective/Degree/Junior-Senior Hours	3

Total Number of Semester Credit Hours …………………………………………………. 120

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
William Duncan	Assistant	PhD	N	Economics	1.0

	Research Professor				
Michael Branicky	Professor	ScD	Y	Computer Science	0.5
Jeff Girard	Assistant Professor	PhD	Y	Psychology	0.5
Donna Ginther	Professor	PhD	Y	Economics	0.10
Ben Allen	Assistant Professor	PhD	Y	Psychology	0.10
Hossein Saiedian	Professor	PhD	Y	Computer Science	0.10
Clayton Webb	Associate Professor	PhD	Y	Political Science	0.20
Math, Varies				Mathematics	0.30

Number of graduate assistants assigned to this program ……………………………………. **2**

IX. Expenditure and Funding Sources

A. EXPENDITURES	First FY	Second FY	Third FY
Personnel – Reassigned or Existing Positions			
Faculty	$59,319	$104,977	$149,057
Administrators *(other than instruction time)*	$18,819	$19,195	$19,579
Graduate Assistants	$20,000	$20,400	$20,808
Support Staff for Administration *(e.g., secretarial)*	0	0	0
Fringe Benefits *(total for all groups)*	$26,924	$41,694	$55,961
Other Personnel Costs	0	0	0
Total Existing Personnel Costs – Reassigned or Existing	$125,062	$186,266	$245,405
Personnel – New Positions			
Faculty	0	0	$42,500
Administrators *(other than instruction time)*	0	0	0
Graduate Assistants	0	0	0
Support Staff for Administration *(e.g., secretarial)*	0	0	0
Fringe Benefits *(total for all groups)*	0	0	$13,600
Other Personnel Costs	0	0	0
Total Existing Personnel Costs – New Positions	0	0	$56,100
Start-up Costs - One-Time Expenses			
Library/learning resources	0	0	0
Equipment/Technology	0	0	0
Physical Facilities: Construction or Renovation	0	0	0
Other: Marketing	$3,000	0	0
Total Start-up Costs	$3,000	$0	$0

Operating Costs – Recurring Expenses			
Supplies/Expenses	5,000	5,000	5,000
Library/learning resources	2,000	2,000	2,000
Equipment/Technology	10,000	10,000	10,000
Travel	12,000	12,000	12,000
Other	6,000	6,000	6,000
Total Operating Costs	$35,000	$35,000	$35,000
GRAND TOTAL COSTS	\$163,062	$221,266	$336,505

B. FUNDING SOURCES *(projected as appropriate)*	Current	First FY (New)	Second FY (New)	Third FY (New)
Tuition / State Funds	0	$90,126	$180,252	$360,504
Student Fees	0	$1,500	$3,000	$6,000
Other Sources (grant)	$496,152	$445,119	$491,300	0
GRAND TOTAL FUNDING	$496,152	$536,745	$674,552	$366,504
F. Projected Surplus/Deficit (+/-) (Grand Total Funding *minus* Grand Total Costs)		$$373,683	$$453,286	$29,999

X. Expenditures and Funding Sources Explanations

A. Expenditures
Personnel – Reassigned or Existing Positions
The personnel that already teach courses at the University of Kansas that will be in the Bachelor of Science in Data Science include faculty who teach in the undergraduate data science certificate as well as faculty teaching math and computer science coursework that will be required of students in the program.

Additionally, there are personnel supported by the National Science Foundation (NSF) Kansas Data Science Consortium (KDSC) grant. These include one faculty member teaching core classes in the data science certificate which will also be in the major, two graduate students, and a project coordinator.

Personnel – New Positions
As enrollments increase, there will be a need for additional faculty. We have applied for a Data Science Center grant from the National Science Foundation that, if successful, would provide funding for an additional faculty member. If it is not successful, we anticipate that we will need university resources to hire a new FTE faculty member in the third year of the major.

As the number of majors increases, we anticipate that this will provide some additional administrative burden on

academic advisors and allocate 0.25 FTEs for that work in the third year of the major.

Start-up Costs – One-Time Expenses
One-time start-up costs for marketing can be covered by the KDSC NSF grant.

Operating Costs – Recurring Expenses
The recurring expenses for the program include travel, supplies, library and learning resources, equipment and technology, as well as other costs. Based on expenditures during the first two years of the KDSC grant, we anticipate needing $5,000 in supplies, $2,000 for library and learning resources, $10,000 for equipment and technology, $12,000 for travel, and $5,000 for other expenses. The library and learning resources budget support the data science program's efforts to maintain a repository of data science materials on a public-facing platform. The equipment and technology budget supports access to licensed software for faculty and students, which is common to data science coursework. The travel budget supports faculty and students attending an annual data science conference in Kansas to showcase work on community partner sponsored projects.

B. Revenue: Funding Sources
Roughly 61.5% of KU students are in-state and 38.5% are out-of-state students. Tuition revenue was calculated by first allocating SCH into in-state and out-of-state and then using a weighted tuition average of $600.84 per credit hour. Those SCH numbers were then multiplied by the student credit hour generated each year. Student fees include a $10 College of Liberal Arts & Sciences student fee.

In the other category of revenue, we account for funding that we have received from the National Science Foundation to support the work of the Kansas Data Science Consortium at the University of Kansas.

We have also applied for an additional award at the National Science Foundation through the Data Science Center solicitation. This proposal was submitted in June 2024 and a decision on the proposal is expected in December 2024. If successful, this award would provide additional resources for the University of Kansas to allocate to the development of the data science major.

D. Projected Surplus/Deficit
There are significant budget surpluses in the first and second year as a result of NSF grant funding (other sources) that is available to help cover expenses for the major. The surplus goes down to roughly $30,000 in year three when the grant ends, plus additional faculty is needed for the program. The surplus would grow in year 4 as we have additional students to offset the additional faculty support added in year 3.

XI. References

AI Multiple. (n.d.). *Bias in AI: What it is, types, Examples & 6 ways to fix it*. Retrieved December 16, 2024, from https://research.aimultiple.com/ai-bias/.

Bureau of Labor Statistics. Industry and occupational employment projections overview and highlights, 2022-32. October 2023. Online. Accessed 9/1/2024.

Lightcast Report. Program Overview; Data Analytics. Lightcast Q4 2022 Data Set. November 2022.

Pittsburg State University

OFFICE OF ACADEMIC AFFAIRS

January 29, 2025

Dr. Rusty Monhollon
Vice President for Academic Affairs Kansas Board of Regents
1000 SW Jackson Street, Suite 520
Topeka, KS 66612-1368

Dear Dr. Monhollon:

I am writing to request approval of a degree program name change from BS in Workforce Development to BBA in Human Resource Development (CIP 52.1005). In addition to the name change, the program would move from the Crossland College of Technology to the Kelce College of Business.

Sincerely,

Susan C. Bon, J.D., Ph.D.
Provost and Executive Vice President for Academic Affairs

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First Read of Request to Amend Board Policy Related to Faculty of the Year Awards

Summary

The Council of Faculty Senate Presidents and Board staff propose amendments to Board policy related to Faculty of the Year awards. These amendments would make full-time non-tenure-track faculty eligible for the Faculty of the Year awards in addition to currently eligible tenured and tenure-track faculty. The amendments would also add new Staff of the Year awards. In addition, the amendments would make several clarifying and other changes described below.

Background

Current Board policy provides that in order to recognize excellence in teaching, research, and service, the Board will, on an annual basis present an award to one tenured and one non-tenured but tenure track faculty member at each state educational institution and the University of Kansas Medical Center. Current Board policy does not provide for recognition of non-tenure-track faculty or other university staff. Proposed changes regarding the faculty awards were discussed and developed by the Council of Faculty Senate Presidents. The proposed addition of Staff of the Year awards was discussed at the January 2025 Board Governance Committee meeting.

In addition to the changes described above, the proposed policy amendment would expand the basis for recognition for Faculty of the Year awards from excellence in teaching, research, and service to also include extension, libraries, clinical duties and service in other roles. The amendment would provide for nominations to be submitted to the Board by the May Board meeting for recognition by invitation of the Board Chair, typically at the September Board meeting. The staff nominations would be submitted on the same timeline by the President or Chancellor of each state university and the University of Kansas Medical Center.

The draft policy changes are reflected in strikethrough and underline below.

* * *

C   CHIEF EXECUTIVE OFFICER, FACULTY AND STAFF

. . .

9   FACULTY AND STAFF OF THE YEAR AWARDS

In order to recognize and encourage excellence in teaching, research, and service among university faculty, the Board will may, on an annual basis, present an award to one tenured, and one non-tenured but tenure-track, and one full-time non-tenure-track faculty member at each state educational institution and the University of Kansas Medical Center. To assist the Board in identifying appropriate recipients for the each award, the Faculty Senate of each state educational institution and the University of Kansas Medical Center shall adopt criteria by which each Faculty Senate shall annually select up to three two faculty members (one in each of the aforementioned categories) to recommend to the Board for recognition. The criteria shall seek to identify faculty members who have excelled in their university responsibilities (including teaching, research, extension, libraries, clinical duties, service and other roles) whose teaching, research, and service over the preceding academic year and have exemplified excellence and commitment to the mission of the institution. The criteria may be adopted and amended at any time in accord with the governance procedures of the individual Faculty Senates but shall be submitted to and subject to final review and approval by the President and Chief Executive Officer of the Board. Nominations shall be submitted to the Board by the May Board meeting to provide in adequate time for review and approval or

rejection ~~at the Board's annual August retreat~~. Recipients shall be called before the Board for recognition ~~at the September Board meeting~~ by invitation of the Board Chair<u>, typically at the September Board meeting</u>.

<u>In order to recognize and encourage excellence among university staff, the Board may, on an annual basis, present an award to one staff member at each state educational institution and the University of Kansas Medical Center. To assist the Board in identifying appropriate recipients for each award, the President or Chancellor of each state university and the University of Kansas Medical Center shall annually identify staff members to recommend to the Board for recognition and the reasons therefore and shall submit nominations to the Board by the May Board meeting to provide adequate time for review and approval or rejection. Recipients shall be called before the Board for recognition by invitation of the Board Chair, typically at the September Board meeting.</u>