

Substantive Change Form

Completion of this form fulfills the requirement for submitting a substantive change notice. Email the completed form to submissions@ceph.org.

This change relates to offering a new public health bachelor's degree, concentration area, OR reactivating a previously suspended/discontinued bachelor's degree or concentration*

School or Program Name	Kansas State University
Name and Email of Individual Completing Form	Jennifer Miller, jmill212@ksu.edu
Date of Form Submission	June 15, 2022

Item 1: List each bachelor's degree or concentration covered by this notice.

	Degree	Concentration	Delivery Format
1	BSPH	Generalist	<input checked="" type="checkbox"/> On campus <input checked="" type="checkbox"/> Distance <input type="checkbox"/> Both
2			<input type="checkbox"/> On campus <input type="checkbox"/> Distance <input type="checkbox"/> Both
3			<input type="checkbox"/> On campus <input type="checkbox"/> Distance <input type="checkbox"/> Both

Item 2: Provide projected student enrollment for one year in each new degree or concentration.

Degree and Concentration	HC
BSPH, Generalist	20

Item 3: Provide the courses required for the degree(s) and concentration(s) being added. Reproduce this table if notice relates to multiple degrees and/or concentrations.

Requirements for BSPH, Generalist		
Course number	Course name	Credits (if applicable)
General Studies		
ENGL 100	Expository Writing I	3
ENGL 200	Expository Writing II	3
COMM 105 or COMM 106	Public Speaking IA Public Speaking I	2 3
PSYCH 110	General Psychology	3
SOCIO 211	Introduction to Sociology	3
Humanities (any)		3
BIOL 198	Principles of Biology	4
BIOCH 110 or CHM 110 or CHM 210	Biochemistry and Society General Chemistry Chemistry I	3 3 4

Substantive Change Form

Completion of this form fulfills the requirement for submitting a substantive change notice. Email the completed form to submissions@ceph.org.

BIOL 441 and BIOL 442 or KIN 360	Human Body I Human Body II Anatomy & Physiology	4 4 8
MATH 100 or MATH 150 or MATH 220	College Algebra Plane Trigonometry Analytic Geometry & Calculus I	3 3 4
STAT 325 or STAT 340	Introduction to Statistics Biometrics I	3 3
Integrative Health & Human Sciences Core		
HHS 101	Introduction to Well-Being	0.5
HHS 201	Community Well-Being	0.5
HHS 202	Social Well-Being	0.5
HHS 203	Financial Well-Being	0.5
HHS 204	Physical Well-Being	0.5
HHS 301	Career Well-Being	0.5
Public Health Generalist Professional Courses		
KIN 110	Introduction to Public Health	3
KIN 220	Biobehavioral Bases of Physical Activity	4
HDFS 301	Helping Relationships	3
FNDH 311	Health Promotion and Behavior	3
KIN 312	Methods and Analysis of Public Health	3
DMP 313	Introduction to Epidemiology	3
DMP 314	Environmental and Public Health	3
BIOL 330	Public Health Biology	3
KIN 418	Social Determinants and Diversity in Public Health	3
KIN 419	Health Policy and Administration	3
MC 451	Health Communication	3
KIN 618	Seminar in Public Health Practice	1
KIN 619	Public Health Practicum	3
KIN 622	Capstone Project in Public Health	3
Public Health Generalist Electives (12 hours)		
AGEC 410	Agricultural Policy	3
AGRON 335	Environmental Quality	3
ANTH 383	Plagues: Co-Evolutionary History of Humans and Pathogens	3
FNDH 352	Personal Wellness	3
GEOG 302	Cartography and Thematic Mapping	3
HDFS 552	Families and Diversity	3
HIST 534	Social History of Medicine	3
KIN 318	Rural and Community Health	3
KIN 610	Program Planning and Evaluation	3

Substantive Change Form

Completion of this form fulfills the requirement for submitting a substantive change notice. Email the completed form to submissions@ceph.org.

PHILO 365	Medical Ethics	3
PLAN 315	Introduction to City Planning	3
Unrestricted Electives		
500-799	UG Courses	9
100-799	UG Level and higher	15-18

Item 4: Document faculty resources for public health bachelor's degrees and concentrations included in this notice.

CONCENTRATION	FIRST DEGREE LEVEL			SECOND DEGREE LEVEL	THIRD DEGREE LEVEL	ADDITIONAL FACULTY ⁺
	PIF 1*	PIF 2*	FACULTY 3 [^]	PIF 4*	PIF5*	
<i>Generalist</i> • BSPH	Miller, Jennifer 1.0	Heinrich, Katie 1.0	Stoepker, Peter 1.0			PIF: 3 Non-PIF: 5

TOTALS:	Named PIF	3
	Total PIF	6
	Non-PIF	5

*Schools: Primary Instructional Faculty (PIF) may be counted as a PIF a maximum of two times.

*Programs: Primary Instructional Faculty (PIF) may be counted as a PIF a maximum of two times if the FTE contribution is 1.0.

[^]**Faculty 3** can be either PIF or non-PIF. These individuals may appear multiple times if their responsibilities and training/experience are appropriate to count in multiple concentrations.

⁺**Additional Faculty** are noted numerically. PIF and non-PIF faculty identified in other concentrations in the table may be included in this headcount if their responsibilities and training/experience are appropriate to count in multiple concentrations.

The FTE indicated below each faculty name should denote the contribution to the school or program as a whole rather than to individual concentrations.

All PIF, including individuals not named, must be identified in [Template E1-1](#) on the following page.

Substantive Change Form

Completion of this form fulfills the requirement for submitting a substantive change notice. Email the completed form to submissions@ceph.org.

Item 5: Template

E1-1.

Primary Instructional Faculty Alignment with Degrees Offered						
Name*	Title/ Academic Rank	Tenure Status or Classificat ion^	Graduate Degrees Earned	Institution(s) from which degree(s) were earned	Discipline in which degrees were earned	Concentrati on affiliated with in PHP/SPH
Besenyi, Gina	Assist. Prof	Tenure Track	PhD MPH	Univ of South Carolina Kansas State Univ	Health Promotion Physical Activity	BSPH, Generalist
Heinrich, Katie	Prof	Tenured	PhD MA	Univ of Missouri, KC	Health Psych Ed Research & Psych	BSPH, Generalist
Mailey, Emily	Assoc Prof	Tenured	PhD MS	Univ of Illinois Ball State Univ	Kinesiology Sport & Exercise Psych	BSPH, Generalist
Mershon, Carrie	Adjunct	Non- Tenure Track	PhD MPH	Kansas State Univ Kansas State Univ	Kinesiology Public Health Physical Activity	BSPH, Generalist
Miller, Jennifer	Director	Non- Tenure Track	DrPH MA	UNT Health Science Center Kansas State Univ	Public Health Practice Sociology	BSPH, Generalist
Stoepker, Peter	Assist. Prof	Tenure Track	PhD MA	Univ of Northern Colorado Western Michigan Unvi	Physical Education and Physical Activity Leadership Coaching Sport Performance	BSPH, Generalist

* List faculty alphabetically.

^ Classification of faculty may differ by institution, but may refer to teaching, research, service faculty or tenured, tenure-track, non-tenure-track faculty or alternative appointment categories used by the school or program.

Schools should only include data on faculty associated with public health degree programs.

Substantive Change Form

Completion of this form fulfills the requirement for submitting a substantive change notice. Email the completed form to submissions@ceph.org.

Item 6. Map domains to courses. Only provide information for changes or differences since the Council last reviewed this mapping for the school/program.

Mapping of Public Health Bachelor's Domains Attach course syllabi for all named courses

Public Health Domains	Course number(s) and name(s)
Concepts and Applications of Basic Statistics	<i>KIN 312 Methods & Analysis in Public Health</i>
Foundations of Biological and Life Sciences	<i>BIOL 330 Public Health Biology; DMP 313 Introduction to Epidemiology</i>
Overview of Public Health: Address the history and philosophy of public health as well as its core values, concepts, and functions across the globe and in society	<i>KIN 110 Introduction to Public Health</i>
Role and Importance of Data in Public Health: Address the basic concepts, methods, and tools of public health data collection, use, and analysis and why evidence-based approaches are an essential part of public health practice	<i>KIN 312 Methods & Analysis in Public Health;</i> <i>DMP 313 Introduction to Epidemiology</i>
Identifying and Addressing Population Health Challenges: Address the concepts of population health, and the basic processes, approaches, and interventions that identify and address the major health-related needs and concerns of populations	<i>FNDH 311 Health Promotion and Behavior</i>
Human Health: Address the underlying science of human health and disease including opportunities for promoting and protecting health across the life course	<i>BIOL 330 Public Health Biology; DMP 313 Introduction to Epidemiology;</i> <i>FNDH 311 Health Promotion and Behavior</i>
Determinants of Health: Address the socio-economic, behavioral, biological, environmental, and other factors that impact human health and contribute to health disparities	<i>HDFS 301 Helping Relationships;</i> <i>DMP 314 Environmental and Public Health;</i> <i>KIN 418 Social Determinants and Diversity in Public Health</i>
Project Implementation: Address the fundamental concepts and features of project implementation, including planning, assessment, and evaluation	<i>FNDH 311 Health Promotion and Behavior;</i> <i>KIN 312 Methods & Analysis in Public Health</i>

Substantive Change Form

Completion of this form fulfills the requirement for submitting a substantive change notice. Email the completed form to submissions@ceph.org.

<p>Overview of the Health System: Address the fundamental characteristics and organizational structures of the U.S. health system as well as to the differences in systems in other countries</p>	<p><i>DMP 314 Environmental and Public Health;</i> <i>KIN 419 Health Policy and Administration</i></p>
<p>Health Policy, Law, Ethics, and Economics: Address the basic concepts of legal, ethical, economic, and regulatory dimensions of health care and public health policy, and the roles, influences and responsibilities of the different agencies and branches of government</p>	<p><i>KIN 419 Health Policy and Administration</i></p>
<p>Health Communications: Address the basic concepts of public health-specific communication, including technical and professional writing and the use of mass media and electronic technology</p>	<p><i>MC 451 Health Communication</i></p>

Item 7. Answer the following questions:

- a. When is the new/reactivated degree or concentration expected to enroll its first students?

The Bachelor of Science in Public Health degree was developed through the cooperation of MPH program and faculty within the Department of Kinesiology. The MPH program director was involved in all discussions and decisions made regarding the formation and planning of the program. The Bachelor of Science in Public Health began admitting students in Spring 2021. At that time, the Department of Kinesiology, which is the academic home to the BPSH degree, had received all necessary approvals from the University to launch the degree. The understanding, at that time, was the BSPH would need to be accredited through CEPH (Council on Education for Public Health) as a standalone baccalaureate program or as part of the already accredited program that houses the MPH degree with a shared governance structure. Upon discussions between academic units, it was decided to move forward with adding the BSPH degree to the accredited Master of Public Health degree offered at Kansas State University, using the substantive change form, and this accounts for why students have already been enrolled into the program.

- b. What is the justification or rationale for offering this new degree or concentration?

Public health promotes and protects the health of people and the communities where they live, learn, work and play. Public health-trained workers play a key role in addressing challenges facing the health of the public, such as infectious disease outbreaks, obesity and mental health issues, and drug and alcohol addictions. While a doctor treats people who are sick, public health professionals often work to prevent people from getting sick or injured in the first place and promote wellness by encouraging a variety of healthy behaviors. Despite the increase in public health challenges there is a shortage of qualified public health workers. There are many individuals who are currently employed at local health departments or in healthcare professions who do not yet have a bachelor's degree but would benefit from a degree in public health. In local

Substantive Change Form

Completion of this form fulfills the requirement for submitting a substantive change notice. Email the completed form to submissions@ceph.org.

public health departments across Kansas, 49% of employees have less than a bachelor's degree. Further, a recent state-wide analysis of public health competencies found that the lowest proficiency rating across all tiers for both local health departments and the Kansas Department of Health and Environment was public health science skills, followed closely by policy development/program planning, analytical and assessment skills, and cultural competency (Kansas Public Health Workforce Development Coordinating Council, 2015).

Nationally in 2018, an economic modeling market analysis of 50 existing public health bachelor's degree programs found that 70% experienced program growth, with an average growth rate of 37% (top growth was 533% at Southern New Hampshire University. Since only 22% of the 143 institutions offering undergraduate public health programs offered courses online, offering a hybrid program that includes online and in-person course offerings will increase the competitiveness of our program (Emsi, 2020).

Currently, there are limited Bachelor of Science in Public Health (BSPH) degree programs offered regionally. One Nebraska institution and four institutions in Missouri offer BSPH degrees, but there are no BSPH programs in the state of Kansas. Other Kansas institutions offer related degrees such as community health (BSE at the University of Kansas), health science (BHS at Washburn and BS degree at Wichita State University; they also have a minor in public health), or health and human performance (BS at Fort Hays State University). More recently, the University of Kansas established an online BHS for the 2022-2023 school year. Noteworthy, none of the above-mentioned programs include core courses that capture all key domains of undergraduate public health education (Association of Schools & Programs of Public Health, 2012). Our proposed program includes a core set of fundamental public health courses, a 3-course practicum series that provides real-world exposure to public health practice, reinforcing public health electives, and the flexibility to choose additional coursework electives. Thus, we anticipate that the BSPH at Kansas State will attract many new students with public health and other health related career interests to the university. Furthermore, as a collaborative degree with courses offered across multiple departments and colleges, the BSPH program will benefit multiple units and foster cross-campus collaborations.

- c. Specify the delivery format for all degrees covered by this notice (campus-based (including hybrid) or online):

Currently, the degree is on-campus with some hybrid offerings. Based on teaching loads and the newness of the program, the decision was made to initially offer the program on-campus with plans to expand online offerings in coming years. We want to ensure the success of the campus-based program and achieve accreditation before offering an online format.

Note: Be sure to update the school/program website to include the new offering(s) at the appropriate time (e.g., when student recruitment has started). Accurate descriptions of educational offerings via advertising, promotional materials, recruiting literature, and other supporting material are required as part of Criterion H5: Publication of Educational Offerings.