

**Articulation Agreement Between  
Hutchinson Community College and Kansas State University**

**November 9, 2023**

Hutchinson Community College (HutchCC) and Kansas State University (K-State) agree to provide the courses listed on the attached curriculum guide as a joint education program that will enable students to meet the requirements for the Associate of Science Medicine-Transfer degree at HutchCC and the Bachelor of Science degree at K-State. It is also agreed that the courses required for the Associate of Science degree at HutchCC will be accepted by K-State as meeting the requirements for the first two years of the Bachelor of Science degree in Integrative Physiology at K-State, as shown in the attached curriculum guide.

HutchCC and K-State agree to provide student support services including admissions, academic advising, library access, technical support and other services as reasonably needed and appropriate. The staffs at both institutions will use best efforts to coordinate their student services to assure a smooth transition from one institution to the other.

HutchCC and K-State will continue to review the course offerings on the attached curriculum guide annually and will collaboratively adopt any mutually agreed upon revisions by written agreement. Any revisions or changes will continue to apply toward degree completion for the programs in this agreement. HutchCC and K-State will assure that all students who begin this program will be afforded a reasonable opportunity to complete the program within a reasonable period of time.

HutchCC and K-State will ensure that all students who begin and remain active and in good standing in this program will be able to complete the degree within a reasonable period of time according to a curriculum plan designed and communicated between the student and their advisor(s). Students who are not consistently enrolled in either HutchCC or K-State courses as outlined in the curriculum plan are not eligible for the benefits of the agreement. The guidelines for the curriculum plan are included with this agreement and provide the student with courses which fulfill general education requirements.

HutchCC and K-State agree that all students who successfully complete the requirements for the courses listed in the attached curriculum guide, and who have met other institutional requirements for the degrees, will be granted the specified degrees. Admission to K-State and the satisfaction of all degree requirements includes specific requirements as outlined in the K-State Catalog.

K-State and HutchCC will mutually promote and market this program.

This agreement is subject to annual review by HutchCC and K-State. This agreement is entered into pursuant to Chapter III, Section A.2.e of the Kansas Board of Regents Policy Manual and is subject to applicable law and policies of the Kansas Board of Regents and the institutions' respective accrediting agencies. Either party may discontinue this agreement by giving the other party written notice to that effect at least twelve months in advance of its plans to discontinue. However, in the event of such notice, all students then actively participating in an approved program under this agreement and in good academic standing will be allowed an opportunity to complete their program within a reasonable period of time.

After five years, on November 9, 2028, this agreement will end except as to students then-actively participating in an approved program under this agreement and in good academic standing, who will be allowed an opportunity to complete their program within a reasonable period of time. If the parties wish to continue a similar arrangement as outlined here, a new curriculum guide should be created and a new agreement signed.

This agreement is entered into on this 28<sup>th</sup> day of Nov., 2023 by:



Vice President of Academic Affairs  
Hutchinson Community College



President  
Hutchinson Community College



Digitally signed by Brad Behnke  
DN: cn=Brad Behnke, o=Kansas  
State University, ou=Kinesiology,  
email=bjbehnke@ksu.edu, c=US  
Date: 2023.12.01 11:56:17 -06'00'

K-State Program Representative  
Kansas State University



Provost & Chief Academic Officer  
Kansas State University

Hutchinson Community College and Kansas State University Degree Requirements											
Hutchinson Community College Associate's of Science, Medicine											
K-State's Bachelors of Science Integrative Physiology											
Kansas State University					Hutchinson Community College						
Full Degree requirements					AS, Medicine						
K-State Core REQUIREMENTS (34-35 Hours)											
			Grade	Required hrs	From KSU	Kansas State Core Systemwide Transfer			Grade	From Partner	Additional Transferable Hours
<b>Requirement #1: English (Written Communication Outcomes - 6 Hours)</b>											
ENGL	100	Expository Writing 1	C	3	010	x	EN 101	English Composition IA	C	3	
ENGL	200	Expository Writing 2	C	3	010	x	EN 102	English Composition II	C	3	
<b>Requirement #2: Communciation (Oral Communication Outcomes - 3 Hours)</b>											
COMM	106	Public Speaking	C	3	020	x	SH 101	Public Speaking	C	3	
<b>Requirement #3: Mathematics &amp; Statistics (Quantitative Literacy Outcomes - 3 Hours)</b>											
MATH	220	Analy Geom/Calc 1	C	4	030	x	MA 111	Analy Gemo/Calc I	C	5	
<b>Requirement #4: Natural &amp; Physical Science (4-5 Hours)</b>											
CHM	210	Chemistry 1	C	4	040	x	CH 105	Chemistry I	C	5	
<b>Requirement #5: Social &amp; Behavioral Sciences Discipline Area (6 Hours)</b>											
6 hours in at least two courses from two of the designated subject areas				3	050	x	6 hours in at least two courses from two of the designated subject areas				3
				3	050	x					3
<b>Requirement #6: Arts &amp; Humanities Discipline Area (6 Hours)</b>											
6 hours in at least two courses from two of the designated subject areas				3	060	x	6 hours in at least two courses from two of the designated subject areas				3
				3	060	x					3
<b>Requirement #7: Free Electives (Institutionally Designated Area - 6 Hours)</b>											
CHEM	230	Chemistry 2	C	4	070	x	CH 106	Chemistry II	C	5	
PHYS	113	General Physics 1	C	4	070	x	PY 112	General Physics I	C	5	
<b>Major Core Requirements (63 hours)</b>											
<b>Program Specific Requirements</b>											
HHS	100	Well-Being 1: You and Community	C	1	1						
HHS	200	Well-Being 2: Mind and Body	C	1	1						
HHS	300	Well-Being 3: Money and Meaning	C	1	1						
BIOL	198	Principles of Biology	C	4	4	x	BI 104	Biology I	C		5
KIN	360	Anatomy and Physiology	C	8	8		BI 107	Human Anatomy and Physiology I	C		4
							BI 108	Human Anatomy and Physiology II	C		4
STAT	225	Intro to Statistics	C	3		x	MA 108	Elem Stats	C	3	
ECON	110	Principles of Macroeconomics	C	3		x	EC 100	Macroeconomics	C	3	
<b>Kinesiology Lower Level Core Courses</b>											

KIN	220	Biobehavioral Bases Physical Activity	C	4	4								
KIN	310	Measurement and Research Tech in Kinesiology	C	4	4								
KIN	335	Physiology of Exercise	C	4	4								
KIN	336	Physiology of Exercise Lab	C	1	1								
KIN	345	Exercise Behavioral Science	C	5	5								
<b>Foundational Integrative Physiology Courses (select 4)</b>			C	12	12								
KIN	601	Cardiorespiratory Physiology											
KIN	603	Cardiovascular Physiology											
KIN	605	Top/Biological Basis											
KIN	607	Muscle Physiology											
KIN	611	Autonomic Neurophysiology											
<b>Integrative Physiology Elective (select 2)</b>			C	6	6								
KIN	609	Environmental Physiology											
KIN	615	Cardio/Phys Health Dis											
KIN	617	Signal Path in physiology											
KIN	635	Nutrition & Exercise											
<b>Kinesiology Elective Course (300 level or higher)</b>			C	3	3								
<b>Human Nutrition</b>													
FNDH	400	Human Nutrition	C	3	3								
<b>Unrestricted Electives:</b>													
CHM	350	General Organic Chemistry		3		x	CH 201	Organic Chemistry 1				5	
CHM	351	General Organic Chemistry lab		2		x							
CHM	3**	Chemistry Elective		5			CH 202	Organic Chemistry 2		C	5		
PHYS	114	General Physics 2		4		x	PY 113	General Physics 2		C	5		
		Elective (extra hours from science courses at Hutch)		5									
		Unrestricted Elective		1	1								
<b>Total from K-State</b>				<b>120</b>	<b>58</b>		<b>Total from Hutchinson Community College - AS, Medicine</b>				<b>62</b>		
<b>Additional Transferable Hours from Hutchinson Community College</b>											<b>13</b>		

\*\*Courses highlighted in purple are those outlined in the course map for the given HutchCC associate degree. These are the recommended courses for the given articulation agreement. Courses listed under Hutchinson Community College but not highlighted are equivalent to K-State major requirements, but they are not explicitly required for the associate degree at Hutchinson Community College. Students are able to take the non-highlighted courses in addition to the requirements for the associate's degree up to 75 hours; however, this is not directly outlined in this 2+2 articulation agreement and may require additional departmental approval.

Hutchinson Community College and Kansas State University Course Guide							
Hutchinson Community College's AS, Medicine							
K-State's Bachelors of Science Integrative Physiology							
<b>Semester 1 - Hutchinson Community College</b>							
Course Code	Course Name	Critical	Recommended	Required Hours	K-State Equivalent Course		
CH	105 Chemistry I	Grade C or better required		5	CHEM 210	Chemistry 1	040
EN	101 English Composition IA	Grade C or better required		3	ENGL 100	Expository Writing 1	010
MA	111 Anayl Geom & Calc I	Grade C or better required	x	5	MATH 220	Calculus 1	030
	Social & Behavioral Sciences Option			3		Social & Behavioral Sciences Option	050
<b>Semester 2 - Hutchinson Community College</b>							
Course Code	Course Name	Critical	Recommended	Required Hours	K-State Course Code	K-State Course Name	K-State Core
CH	106 Chemistry II	Grade C or better required		5	CHEM 230	Chemistry 2	
EN	102 English Composition II	Grade C or better required		3	ENGL 200	Expository Writing 2	010
MA	108 Elementary Stats	Grade of C or higher	x	3	STAT 225	Intro to Statistics	
	Arts & Humanities Option			3		Arts & Humanities Option	060
<b>Semester 3 - Hutchinson Community College</b>							
Course Code	Course Name	Critical	Recommended	Required Hours	K-State Course Code	K-State Course Name	K-State Core
CH	201 Organic Chemistry I			5	CHM 350 & 351	General Organic Chem & lab	
PY	112 General Physics I	Grade C or better required		5	PHYS 113	Gen Physics 1	
SH	101 Public Speaking	Grade C or better required		3	COMM 106	Public Speaking	020
	Social & Behavioral Sciences Option			3		Social & Behavioral Sciences Option	050
<b>Semester 4 - Hutchinson Community College</b>							
Course Code	Course Name	Critical	Recommended	Required Hours	K-State Course Code	K-State Course Name	K-State Core
CH	202 Organic Chemistry II	Grade C or better required		5	CH 3**	Chemistry Elective	
PY	113 General Physics II	Grade C or better required		5	PHYS 114	Gen Physics 2	
EC	100 Macroeconomics		x	3	ECON 110	Principles of Macroeconomics	
	Arts & Humanities Option			3		Arts & Humanities Option	060
<b>Semester 5 - Kansas State University</b>							
K-State Course Code	K-State Course Name	Critical	Recommended	Required Hours	Kansas State Core		
HHS	100 Well-Being 1: You & Comm	Grade of C or higher		1			
KIN	220 Biobehavioral Bases/Phys Act	Grade of C or higher		4			
HHS	200 Well-Being 2: Mind & Body	Grade of C or higher		1			
BIOL	198 Principles of Biology	Grade of C or higher		4			
	Kinesiology Elective Course (300+)	Grade of C or higher		3			
	Elective			1			
<b>Semester 6 - Kansas State University</b>							
K-State Course Code	K-State Course Name	Critical	Recommended	Required Hours	Kansas State Core		
KIN	360 Anatomy & Physiology	Grade of C or higher		8			
KIN	345 Exercise Behav Sci	Grade of C or higher		5			
HHS	300 Well-Being 3: Money & Meaning	Grade of C or higher		1			
<b>Semester 7 - Kansas State University</b>							
K-State Course Code	K-State Course Name	Critical	Recommended	Required Hours	Kansas State Core		
KIN	310 Measurement & Research Tech in Kines	Grade of C or higher		4			

KIN	335	Physiology of Exercise	Grade of C or higher		4		
KIN	336	Physiology of Exercise Lab	Grade of C or higher		1		
KIN		Intergrative Physiology Elective (300+)	Grade of C or higher		3		
KIN		Foundational Integrative Physiology Course (300+)	Grade of C or higher		3		
<b>Semester 8 - Kansas State University</b>							
<b>K-State Course Code</b>	<b>K-State Course Name</b>	<b>Critical</b>	<b>Recommended</b>	<b>Required Hours</b>	<b>Kansas State Core</b>		
KIN	Foundational Integrative Physiology Course (300+)	Grade of C or higher		3			
KIN	Foundational Integrative Physiology Course (300+)	Grade of C or higher		3			
KIN	Foundational Integrative Physiology Course (300+)	Grade of C or higher		3			
KIN	Intergrative Physiology Elective (300+)	Grade of C or higher		3			
FNDH	400 Human Nutrition	Grade of C or higher		3			