## Roadmap: Integrated Health Studies - Health Sciences - Bachelor of Science EH-BS-IHS-HLSC



Education, Health and Human Services School of Health Sciences

College of Catalog Year: 2015-2016

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designed as critical (!) must be completed in the semester listed to ensure a timely graduation.

Critical	Course Subject and Title	Credit Hours	Min. Grade	Major GPA	Attribute	Notes
Post-Sec	ondary Coursework or Credit By Examination Upon Entry as a Fre					
	PSYC 11762 General Psychology <sup>1</sup>	3			DD/KSS	
	BSCI or CHEM <sup>2</sup>	8		•		
	Kent Core Composition <sup>1</sup>	6	С			
	Kent Core Humanities and Fine Arts 1	9				
	Kent Core Additional <sup>1</sup>	3				
Semester	r One [14 Credits]					
	HED 14020 Medical Terminology	3				
	IHS 10000 Careers in Health Sciences and Human Services	3		•		
	MATH 11022 Trigonometry	3			KMC	
	BSCI or CHEM <sup>2</sup>	4				
	US 10097 Destination Kent State: First Year Experience <sup>3</sup>	1				
Semeste	TWo [16 Credits]					
	ATTR 25057 Human Anatomy and Physiology I <sup>4</sup> or EXSC 25057 Human Anatomy and Physiology I <sup>4</sup>	3		•	KBS	
	MATH 11010 Algebra for Calculus	3			KMC	
	PSYC 21621 Quantitative Methods in Psychology I	3			TUVIO	
	BSCI or CHEM <sup>2</sup>	4				
	General Elective <sup>5</sup>	3		-		
Samasta	r Three [16 Credits]	3				
Semeste	ATTR 25058 Human Anatomy and Physiology II <sup>4</sup>					
	or EXSC 25058 Human Anatomy and Physiology II	3		•	KBS	
	PHY 13001 General College Physics I	4			KBS	
	PHY 13021 General College Physics Laboratory I	1			KBS	
	PSYC 41581 Health Psychology	3		_		
	or SOC 42563 Sociology of Health and Health Care					
	General Elective <sup>5</sup>	5				
Semeste	Four [15 Credits]					
	ATTR 35054 Biomechanics	3				
	or EXSC 35054 Biomechanics NURS 45010 Healthcare Policy and Delivery Systems					
	or NURS 46000 Health Care Policy <sup>6</sup>	3		-		
	PHY 13002 General College Physics II	4			KBS	
	PHY 13022 General College Physics Laboratory II	1			KBS	
	General Elective 5	4				
Semeste	r Five [15 Credits]					
Note: app	ply for graduation					
!	IHS 40091 Seminar for Practicum in Integrated Health Studies	2				
!	SPA 44111 Neural Processes	3				
	CHEM 20481 Basic Organic Chemistry I	4				
	IHS 44092 Practicum in Integrated Health Studies	3 - 10			ELR	
	Health Science Elective (lower or upper division) 7	3				
Semeste	r Six [15 Credits]					
!	IHS 44091 Professional Seminar in Integrated Health Studies 8	3	С		WIC	
	IHS 44010 Research Design and Statistical Methods in the Health	3				
	Professions				14/10	
	EXSC 45080 Physiology of Exercise <sup>8</sup>	3			WIC	
	PHIL 40005 Health Care Ethics	3				
	Health Science Elective (upper division) 7	3				

## **Graduation Requirements Summary**

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Minimum	
Millimum Total Hours	30000 - 40000 level course	willimum Rent Core Hours	Major GPA	Overall GPA
120	39	36	2.250	2.000



## Roadmap: Integrated Health Studies - Health Sciences - Bachelor of Science

EH-BS-IHS-HLSC

Education, Health and Human Services School of Health Sciences College of Catalog Year: 2015-2016

- Course repeated for a total of 16 credit hours; Piano Performance students are required to perform a half junior and a full senior recital. Applied music registration at the 46000 level is required during a degree recital semester. The senior recital may be used to satisfy the Experiential Learning Requirement (ELR).
- 1. See list of Kent Core courses that can be earned through AP, CLEP or CBE exams on page 3
- 2. BSCI and CHEM courses (16 credit hours)

Take the following				
BSCI 10110 Biological Diversity <sup>B</sup> (4)	BSCI 10120 Biological Foundations <sup>B</sup> (4)			
CHEM 10060 General Chemistry I * <sup>B</sup> (4)	CHEM 10061 General Chemistry II * B (4)			

<sup>\*</sup>Students who plan to pursue graduate studies should take chemistry laboratories CHEM 10062 and 10063.

B Fulfills Kent Core Basic Sciences

- 3. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.
- 4. Students who have successfully completed BSCI 20020 Biological Structure and Function may use that course in place of ATTR/EXSC 25058 Human Anatomy and Physiology II. They are still required to take ATTR/EXSC 25057 Human Anatomy and Physiology I. Students who have successfully completed BSCI 11010/11020 Anatomy and Physiology in Allied Health I/II may use those courses in place of ATTR/EXSC 25057/25058 Human Anatomy and Physiology I/II.
- 5. Number of credits required depends on meeting minimum 120 credit hours and minimum 39 upper-division credit hours

7. Health science electives (6 credit hours), choose from the following

Choose from the following:							
ATTR 45040 Pathology and Pharmacology for Allied Health Care Providers (3)	BSCI 20021 Basic Microbiology (3)						
BSCI 30030 Human Physiology (4)	BSCI 30050 Human Genetics (3)						
BSCI 30140 Cell Biology (4)	CHEM 30284 Introductory Biological Chemistry (4)						
EXSC 35075 Exercise Programming (3)	HDFS 44021 Family Intervention Across the Lifespan (3)						
NURS 20950 Human Growth and Development for Health Professionals (3)	NUTR 33512 Nutrition (3)						
PEP 25033 Lifespan Motor Development (3)	PSYC 40111 Abnormal Psychology (3)						

<sup>8.</sup> A minimum C (2.000) grade must be earned to fulfill the writing-intensive requirement.

University Requirements: Bachelor's degree-seeking students must meet Kent Core (general education requirements), diversity, writing-intensive and experiential learning requirements. For more information about these requirements, please read the following sections in the University Catalog: Kent Core – <a href="https://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>; Diversity Course Requirement – <a href="https://www.kent.edu/catalog/diversity">www.kent.edu/catalog/kent-core</a>; Experiential Learning Requirement – <a href="https://www.kent.edu/catalog/elr.">www.kent.edu/catalog/wic</a>; Experiential Learning Requirement – <a href="https://www.kent.edu/catalog/elr.">www.kent.edu/catalog/elr.</a>

Attribute Legend: DD Diversity–Domestic; DG Diversity–Global; ELR Experiential Learning; KAD Kent Core Additional; KBS Kent Core Basic Sciences; KCM Kent Core Composition; KFA Kent Core Fine Arts: KHU Kent Core Humanities; KMC Kent Core Mathematics and Critical Reasoning; KSS Kent Core Social Sciences; WIC Writing Intensive

<sup>6.</sup> NURS 46000: regional campuses only