

## SUGGESTED THREE-YEAR GRADUATION PLAN

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



EH-BS-IHS-HLSC  
Education, Health and Human Services  
School of Health Sciences  
Catalog Year: 2014-2015

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	Upper Div.	Min. Grade	Major GPA	Type	Term Taken
<b>Post-Secondary Coursework or Credit By Examination Upon Entry as a Freshman: [29 Credit Hours]</b>							
	PSYC 11762 General Psychology <sup>1</sup>	3				DD/KSS	
	BSCI or CHEM <sup>2</sup>	8			■		
	Kent Core Composition <sup>1</sup>	6		C			
	Kent Core Humanities and Fine Arts <sup>1</sup>	9					
	Kent Core Additional <sup>1</sup>	3					
<b>Semester One [14 Credits]</b>							
	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					
<b>Semester Two [16 Credits]</b>							
	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			■		
	BSCI or CHEM <sup>2</sup>	4			■		
	General Elective <sup>5</sup>	3					
<b>Semester Three [16 Credits]</b>							
	ATTR 25058 Human Anatomy and Physiology II <sup>4</sup> or EXSC 25058 Human Anatomy and Physiology II <sup>4</sup>	3			■	KBS	
	PHY 13001 General College Physics I	4				KBS	
	PHY 13021 General College Physics Laboratory I	1				KBS	
	PSYC 41581 Health Psychology or SOC 42563 Sociology of Health and Health Care	3	■		■		
	General Elective <sup>5</sup>	5					
<b>Semester Four [15 Credits]</b>							
	ATTR 35054 Biomechanics or EXSC 35054 Biomechanics	3	■		■		
	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 <sup>5</sup>	4					
<b>Semester Five [15 Credits]</b>							
<b>Note: apply for graduation</b>							
!	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) <sup>7</sup>	3			■		
<b>Semester Six [15 Credits]</b>							
!	IHS 44091 Professional Seminar in Integrated Health Studies <sup>8</sup>	3	■	C	■	WIC	
	IHS 44010 Research Design and Statistical Methods in the Health Professions	3	■		■		
	EXSC 45080 Physiology of Exercise <sup>8</sup>	3	■		■	WIC	
	PHIL 40005 Health Care Ethics	3	■		■		
	Health Science Elective (upper division) <sup>7</sup>	3	■		■		

### Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
120	39	36	2.250	2.000

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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 <sup>* B</sup> (4)

\*Students who plan to pursue graduate studies should take chemistry laboratories CHEM 10062 and 10063.  
<sup>B</sup> 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
6. NURS 46000: regional campuses only
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)

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

### University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	<b>Kent Core I. Composition</b> Enrollment based on placement test	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	6
KMC	<b>Kent Core II. Mathematics and Critical Reasoning</b> Enrollment based on placement test	MATH 11010	fulfilled
KHU	<b>Kent Core III. Humanities</b> Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KFA	<b>Kent Core IV. Fine Arts</b> Minimum one course from the fine arts; may fulfill diversity requirement	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KFH	<b>Kent Core V. Humanities or Fine Arts</b> One additional course from either the humanities or fine arts category, may fulfill diversity requirement.	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KSS	<b>Kent Core VI. Social Sciences</b> Must be selected from two curricular areas; may fulfill diversity requirement	PSYC 11762	3
KBS	<b>Kent Core VII. Basic Sciences</b> Must include one laboratory	BSCI 10110, BSCI 10120, CHEM 10060, CHEM 10061, PHY 13021, PHY 13002, PHY 13022	fulfilled
KAD	<b>Kent Core VIII. Additional</b> May fulfill diversity requirement	PHY 13001 and MATH 11022	fulfilled
DD	<b>Domestic Diversity Course Requirement</b> Either domestic or global diversity must be from Kent Core	PSYC 11762	fulfilled
DG	<b>Global Diversity Course Requirement</b> Either domestic or global diversity must be from Kent Core	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	one course
ELR	<b>Experiential Learning Requirement</b> Either course or non-course experience approved by the appropriate faculty member	IHS 44092	fulfilled
WIC	<b>Writing-Intensive Course Requirement</b> Minimum C (2.000) grade	IHS 44091, EXSC 45080	fulfilled

## Kent Core Courses That Can Be Earned Through Exams

**LEGEND:** G – Global Diversity; D – Domestic Diversity; LAB – Laboratory

				Minimum AP score	Minimum CLEP score	Minimum CBE score
<b>COMPOSITION</b>						
ENG	11011	College Writing I (3)		3	50	C
ENG	21011	College Writing II (3)				C
<b>MATHEMATICS AND CRITICAL REASONING</b>						
CS	10051	Introduction to Computer Science (4)		3		
MATH	10041	Introductory Statistics (4)		3		C
MATH	11010	Algebra for Calculus (3)			50	
MATH	11012	Intuitive Calculus (3)				C
MATH	12001	Algebra and Trigonometry (5)			50	C
MATH	12002	Analytic Geometry and Calculus I (5)		3	50	C
MATH	14001	Basic Mathematical Concepts I (4)				C
MATH	14002	Basic Mathematical Concepts II (4)				C
<b>HUMANITIES AND FINE ARTS</b>						
<b>Humanities in Arts and Sciences</b>						
ENG	22073	Major Modern Writers: British and United States (3)		3	50	
G HIST	11050	World History: Ancient and Medieval (3)		3		C
G HIST	11051	World History: Modern (3)		3		C
D HIST	12070	History of the United States: The Formative Period (3)		3	50	C
D HIST	12071	History of the United States: The Modern Period (3)		3	50	C
HIST	1xxxx	European History (3)		3		
<b>Fine Arts</b>						
ARCH	10012	Survey of Architectural History II (3)				C
ARTH	22006	Art History: Ancient and Medieval Art (3)		3		
MUS	22111	The Understanding of Music (3)				C
G MUS	22121	Music as a World Phenomenon (3)				C
<b>SOCIAL SCIENCES</b>						
ECON	22060	Principles of Microeconomics (3)		3	50	C
ECON	22061	Principles of Macroeconomics (3)		3	50	C
GEOG	10160	Introduction to Geography (3)				C
G GEOG	17063	World Geography (3)				C
D GEOG	17064	Geography of the United States and Canada (3)				C
G GEOG	22061	Human Geography (3)		3		
G POL	10004	Comparative Politics (3)		3		
D POL	10100	American Politics (3)		3	50	
D PSYC	11762	General Psychology (3)		3	50	
D PSYC	20651	Child Psychology (3)			50	
D SOC	12050	Introduction to Sociology (3)			50	
<b>BASIC SCIENCES</b>						
BSCI	10001	Human Biology (3)				C
BSCI	10002	Life on Planet Earth (3)				C
BSCI	10110	Biological Diversity (4)		3	50	
BSCI	10120	Biological Foundations (4)		4	50	
LAB BSCI	11010	Anatomy and Physiology I for Allied Health (3)				C
LAB BSCI	11020	Anatomy and Physiology II for Allied Health (3)				C
BSCI	20020	Biological Structure and Function (5)				C
CHEM	10030	Chemistry in Our World (3)				C
CHEM	10050	Fundamentals of Chemistry (3)				C
CHEM	10052	Introduction to Organic Chemistry (2)				C
CHEM	10054	General and Elementary Organic Chemistry (5)				C
CHEM	10060	General Chemistry I (4)		3	50	C
CHEM	10061	General Chemistry II (4)		5	50	C
LAB CHEM	10062	General Chemistry I Laboratory (1)		4		
GEOL	11040	How the Earth Works (3)				C
GEOL	11042	Earth and Life Through Time (3)				C
GEOL	21062	Environmental Earth Science (3)		3		C
GEOL	21080	All about the Oceans (3)				C
PHY	11030	Seven Ideas that Shook the Universe (3)				C
PHY	12201	Technical Physics I (3)				C
PHY	12202	Technical Physics II (3)				C
PHY	13001	General College Physics I (4)		3		C
PHY	13002	General College Physics II (4)		3		C
PHY	13011	College Physics I (2)				C
PHY	13012	College Physics II (2)				C
LAB PHY	13021	General College Physics Laboratory I (1)		3		
LAB PHY	13022	General College Physics Laboratory II (1)		3		
PHY	21040	Physics in Entertainment and the Arts (3)				C
PHY	21430	Frontiers in Astronomy (3)				C
PHY	23101	General University Physics I (5)		3		C
PHY	23102	General University Physics II (5)		3		C

Visit the following websites for more information on the AP (<http://www2.kent.edu/transfercenter/advanced-placement.cfm>); CLEP ([www.kent.edu/career/testing/clep.cfm](http://www.kent.edu/career/testing/clep.cfm)); and CBE ([www.kent.edu/registrar/info/cbe.cfm](http://www.kent.edu/registrar/info/cbe.cfm)) at Kent State. Visit [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core) for the full Kent Core course list.

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