

## SUGGESTED THREE-YEAR GRADUATION PLAN

Roadmap: Public Health – Environmental Health Science –  
**Bachelor of Science in Public Health**  
 PH-BSPH-PH-EHS  
 College of Public Health  
 Catalog Year: 2016-2017



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
<b>Post-Secondary Coursework or Credit By Examination Upon Entry as a Freshman: [35 Credits]</b>						
	BSCI 10120 Biological Foundations	4			KBS	
	CHEM 10060 General Chemistry I	4			KBS	
	CHEM 10062 General Chemistry I Laboratory	1			KBS	
	GEOG 21062 Environmental Earth Science	3			KBS	
	PHY 13001 General College Physics I and PHY 13021 General College Physics Laboratory I or PHY 23101 General University Physics I	5			KBS	
	Kent Core Composition <sup>2</sup>	6				
	Kent Core Humanities and Fine Arts <sup>2</sup>	6				
	Kent Core Social Sciences <sup>2</sup>	6				
<b>Semester One [13 Credits]</b>						
	MATH 11022 Trigonometry or MATH 12001 Algebra and Trigonometry	3-5			KMC	
	PH 10001 Introduction to Public Health	3		■		
	PH 10002 Introduction to Global Health	3		■	DG	
	PH 20001 Essentials of Epidemiology	3		■		
	UC 10097 Destination Kent State: First Year Experience <sup>2</sup>	1				
<b>Semester Two [17 Credits]</b>						
!	<b>CHEM 10061 General Chemistry II</b>	4			KBS	
!	<b>CHEM 10063 General Chemistry II Laboratory</b>	1			KBS	
!	<b>PH 30006 Introduction to Environmental Health and Safety</b>	3		■		
!	<b>PH 30007 Prevention and Control of Diseases<sup>3</sup></b>	3		■		
	PH 30005 Social and Behavioral Science Theories in Public Health	3		■		
	PH 30033 Public Health Policy and Decision-Making <sup>3</sup>	3		■		
<b>Semester Three [14 Credits]</b>						
	CHEM 20481 Basic Organic Chemistry I	4				
	CHEM 30475 Organic Chemistry Laboratory I	1			ELR	
	PH 30002 Introductory Biostatistics	3		■		
	Environmental Health Sciences courses <sup>4</sup>	6		■		
<b>Semester Four [13 Credits]</b>						
!	<b>BSCI 30171 General Microbiology</b>	4				
	PH 30004 Public Health Research <sup>3</sup>	3		■		
!	<b>Environmental Health Sciences courses<sup>4</sup></b>	6		■		
<b>Third Summer Term [4 Credits]</b>						
	PH 42092 Environmental, Occupational, Health and Safety Internship	4		■	ELR	
<b>Semester Five [12 Credits]</b>						
	COMM 26501 Introduction to Health Communication	3		■		
	PH 44000 Health Disparities	3	C <sup>5</sup>	■	DD/WIC	
	Environmental Health Sciences courses <sup>4</sup>	3		■		
	Kent Core Requirement	3				
<b>Semester Six [12 Credits]</b>						
!	<b>PH 30012 Communicable Diseases</b>	3		■		
!	<b>PH 49000 Capstone Experience in Public Health</b>	3		■	ELR	
	Environmental Health Sciences courses <sup>4</sup>	3		■		
	PH 30014 Strategies for Prevention in Public Health	3		■		

### Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours 30000 – 40000 level course	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
120	39	36	2.000	2.000

1. See list of Kent Core courses that can be earned through AP, CLEP or CBE exams on page 3
2. UC 10097 is not required of transfer students with 25 credits (excluding College Credit Plus) or students age 21+ at time of admission
3. Students in the nursing [BSN-NURS] major may substitute NURS 40020 for PH 30007, NURS 40045 for PH 30033 and NURS 40872 for PH 30004.

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### 4. Environmental Health Sciences courses (18 credit hours)

#### Choose from the following:

PH 30009 Environmental Health and Safety Regulations and Policy (3)	PH 30105 Water and Wastewater Management (3)
PH 30101 Solid and Hazardous Waste Management (3)	PH 30106 Environmental Toxicology (3)
PH 30102 Air Quality and Pollution Control (3)	PH 41000 Environmental and Occupational Health and Safety Management
PH 30103 Food Protection (3)	

5. 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 – [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core); Diversity Course Requirement – [www.kent.edu/catalog/diversity](http://www.kent.edu/catalog/diversity); Writing-Intensive Course Requirement – [www.kent.edu/catalog/wic](http://www.kent.edu/catalog/wic); Experiential Learning Requirement – [www.kent.edu/catalog/elr](http://www.kent.edu/catalog/elr).

**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

## 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	Early America: From Pre-Colonization to Civil War and Reconstruction (3)		3	50	C
D HIST	12071	Modern America: From Industrialization to Globalization (3)		3	50	C
HIST	1xxxx	European History (3)		3		
<b>Fine Arts</b>						
ARCH	10012	Global 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	Foundational Anatomy and Physiology I (3)				C
LAB BSCI	11020	Foundational Anatomy and Physiology II (3)				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