## Roadmap: Public Health - Pre-Medicine, Dental, Osteopathy - Bachelor of Science in Public Health



PH-BSPH-PH-PMD College of Public Health 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.

Samoster Ono (16 Credits)  Students not placed into MATH 12002 (semester 3) should take MATH 11010 and MATH 11022 in first year of study.  I CHEM 10060 General Chemistry I Laboratory' 1	complete	ed in the semester listed to ensure a timely graduation.					-	.,
Students not placed into MATH 12002 (semester 3) should take MATH 11002 in first year of study.	Critical	Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Туре	Term Taken
CHEM 10960 General Chemistry I   4								
CHEM 10062 General Chemistry I Laboratory	Student	s not placed into MATH 12002 (semester 3) should take MATH 1101	0 and MAT	TH 11022 i	n first yea	r of stud	y.	
BSCI 10120 Biological Foundations	!		4					
PH 10001 Introduction to Public Health	!		1					
US 10097 Destination Kent State: First Year Experience		BSCI 10120 Biological Foundations					KAD	
Kent Core Requirement   3   Semoster Fund   Screet Fund		PH 10001 Introduction to Public Health	3					
Semester Two [15 Credits]   CHEM 10061 General Chemistry II Laboratory   1		US 10097 Destination Kent State: First Year Experience <sup>2</sup>	1					
CHEM 10061 General Chemistry II Laboratory			3					
CHEM 10083 General Chemistry II Laboratory   1	Semest	er Two [15 Credits]						
BSCI 10110 Biological Diversity	!	CHEM 10061 General Chemistry II <sup>1</sup>	4				KAD	
PH 10002 Introduction to Global Health	!	CHEM 10063 General Chemistry II Laboratory <sup>1</sup>	1				KBS	
Kent Core Requirement   3   3		BSCI 10110 Biological Diversity	4				KBS	
Semester Three		PH 10002 Introduction to Global Health	3				DG	
PH 20001 Essentials of Epidemiology   3		Kent Core Requirement	3					
PH 20001 Essentials of Epidemiology   3	Semeste	er Three [14 Credits]						
CHEM 2048 Basic Organic Chemistry I			3					
Or CHEM 30475 Organic Chemistry   S								
CHEM 30475 Organic Chemistry Laboratory   1	!	or CHEM 30481 Organic Chemistry I 3	3-4					
MATH 12002 Calculus for Life Sciences	!		1					
Or MATH 12021 Calculus for Life Sciences							1410	
PH 30005 Social and Behavioral Science Theories in Public Health   3			4-5				KMC	
Semester Four (15 Credits)			3					
PH 30007 Prevention and Control of Diseases 4	Semeste			_		_		
CHEM 20482 Basic Organic Chemistry II	!		3					
Or CHEM 30482 Organic Chemistry II	-			_		_		
CHEM 30476 Organic Chemistry Laboratory	!		2-3					
BSCI 30030 Human Physiology (4)   or BSCI 40430 Animal Physiology (3)   3-4	1		1					
or BSCI 40430 Animal Physiology (3)  MATH 12022 Probability and Statistics for Life Sciences or MATH 30011 Basic Probability and Statistics PH 30033 Public Health Policy and Decision-Making 4 3 ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	•			-		_		
MATH 12022 Probability and Statistics for Life Sciences   3			3-4					
or MATH 30011 Basic Probability and Statistics PH 30033 Public Health Policy and Decision-Making 4 3								
PH 30033 Public Health Policy and Decision-Making 4  Semester Five [15 Credits]  ! BSCI 30140 Cell Biology ! PH 30006 Introduction to Environmental Health and Safety PH 30006 Introductory Biostatistics PHY 13001 General College Physics I (4) and PHY 13021 General College Physics Laboratory I (1) or PHY 23101 General University Physics I (5)  Semester Six [14 Credits] Note: Pre-med students should take the MCAT if applying to medical school summer or fall of the senior year (consult with advisor)  COMM 26501 Introduction to Health Communication PH 30012 Communicable Diseases PHY 13002 General College Physics II (4) and PHY 13002 General College Physics Laboratory II (1) or PHY 23102 General University Physics II (5)  Semester Seven [16 Credits] BSCI 30171 General Microbiology PH 44000 Health Disparities 5 Semester Seven [16 Credits]  Rent Core Requirement Semester Eight [15 Credits]  PH 49000 Capstone Experience in Public Health Semester Eight [15 Credits]  PH 49001 Capstone Experience in Public Health Semester Eight [15 Credits]  PH 30014 Strategies for Prevention in Public Health Semester Eight [15 Credits]			3					
Semester Five [15 Credits]			3					
! BSCI 30140 Cell Biology       4       ■       ■         ! PH 30006 Introduction to Environmental Health and Safety       3       ■       ■         PH 30002 Introductory Biostatistics       3       ■       ■         PHY 13001 General College Physics I (4)       and PHY 13021 General College Physics Laboratory I (1)       5       ■       KBS         or PHY 23101 General University Physics I (5)       Semester Six [44 Credits]       KBS       KBS         Note: Pre-med students should take the MCAT if applying to medical school summer or fall of the senior year (consult with advisor)       COMM 26501 Introduction to Health Communication       3       ■       ■         PH 30004 Public Health Research <sup>4</sup> 3       ■       ■       ■         PH 30012 Communicable Diseases       3       ■       ■       ■         PHY 13002 General College Physics II (4)       and PHY 13002 General University Physics II (5)       ■       KBS         Semester Seven [16 Credits]       BSCI 30171 General Microbiology       4       ■       ■         BSCI 30171 General Microbiology       4       ■       ■         PH 44000 Health Disparities <sup>5</sup> 3       ■       C       ■         Kent Core Requirement       3       ■       ■       ■         Kent Core Requirement </td <td>Semest</td> <td></td> <td>3</td> <td>-</td> <td></td> <td>_</td> <td></td> <td></td>	Semest		3	-		_		
! PH 30006 Introduction to Environmental Health and Safety       3       ■       ■         PH 30001 Introductory Biostatistics       3       ■       ■         PHY 13001 General College Physics I (4)       and PHY 13021 General College Physics Laboratory I (1)       5       ■       KBS         or PHY 23101 General University Physics I (5)       Semester Six [44 Credits]       KBS       Image: Common of the senior year (consult with advisor)         COMM 26501 Introduction to Health Communication       3       ■       ■         COMM 26501 Introduction to Health Research 4       3       ■       ■         PH 30002 Communicable Diseases       3       ■       ■         PH 30012 Communicable Diseases       3       ■       ■         PHY 13022 General College Physics II (4)       and PHY 13022 General College Physics Laboratory II (1)       5       ■       KBS         or PHY 23102 General University Physics II (5)       Semester Seven [16 Credits]       ■       ■       ■         BSCI 30171 General Microbiology       4       ■       ■       ■         PH 44000 Health Disparities 5       3       ■       C       DD/WIC         Kent Core Requirement       3       ■       ■       ELR         Kent Core Requirement       3       ■       ■ <td></td> <td></td> <td>4</td> <td>_</td> <td></td> <td>_</td> <td></td> <td></td>			4	_		_		
PH 30002 Introductory Biostatistics  PHY 13001 General College Physics I (4)  and PHY 13021 General College Physics Laboratory I (1)  or PHY 23101 General University Physics I (5)  Semester Six [14 Credits]  Note: Pre-med students should take the MCAT if applying to medical school summer or fall of the senior year (consult with advisor)  COMM 26501 Introduction to Health Communication  PH 30004 Public Health Research 4  PH 30012 Communicable Diseases  PHY 13002 General College Physics II (4)  and PHY 13022 General College Physics Laboratory II (1)  or PHY 23102 General University Physics II (5)  Semester Seven [16 Credits]  BSCI 30171 General Microbiology  PH 44000 Health Disparities 5  Semester Seven [16 Credits]  Kent Core Requirement  Kent Core Requirement  Semester Eight [15 Credits]  PH 49000 Capstone Experience in Public Health  BSCI 30156 Elements of Genetics  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement  Semester Requirement  Semester Eight 15 Gredits  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement								
PHY 13001 General College Physics I (4) and PHY 13021 General University Physics Laboratory I (1) or PHY 23101 General University Physics I (5)  Semester Six [14 Credits]  Note: Pre-med students should take the MCAT if applying to medical school summer or fall of the senior year (consult with advisor)  COMM 26501 Introduction to Health Communication  PH 30004 Public Health Research 3								
and PHY 13021 General College Physics Laboratory I (1) or PHY 23101 General University Physics I (5)  Semester Six [14 Credits]  Note: Pre-med students should take the MCAT if applying to medical school summer or fall of the senior year (consult with advisor)  COMM 26501 Introduction to Health Communication 3 ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■			3	-		-		
or PHY 23101 General University Physics I (5)  Semester Six [14 Credits]  Note: Pre-med students should take the MCAT if applying to medical school summer or fall of the senior year (consult with advisor)  COMM 26501 Introduction to Health Communication  PH 30004 Public Health Research 4  PH 30012 Communicable Diseases  PHY 13002 General College Physics II (4)  and PHY 13002 General College Physics Laboratory II (1)  or PHY 23102 General University Physics II (5)  Semester Seven [16 Credits]  BSCI 30171 General Microbiology  PH 44000 Health Disparities 5  Xent Core Requirement			5			_	KBC	
Semester Six [14 Credits]  Note: Pre-med students should take the MCAT if applying to medical school summer or fall of the senior year (consult with advisor)  COMM 26501 Introduction to Health Communication  PH 30004 Public Health Research 4  PH 30012 Communicable Diseases  PHY 13002 General College Physics II (4)  and PHY 13022 General College Physics Laboratory II (1) or PHY 23102 General University Physics II (5)  Semester Seven [16 Credits]  BSCI 30171 General Microbiology  PH 44000 Health Disparities 5  Kent Core Requirement  Kent Core Requirement  Kent Core Requirement  Semester Eight [15 Credits]  PH 49000 Capstone Experience in Public Health  BSCI 30156 Elements of Genetics  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement  Semester Eight 15 Credits]  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement		or DUV 22101 Concret University Physics Laboratory I (1)	5				KBS	
Note: Pre-med students should take the MCAT if applying to medical school summer or fall of the senior year (consult with advisor)  COMM 26501 Introduction to Health Communication  PH 30004 Public Health Research 4 3	Samact							
COMM 26501 Introduction to Health Communication  PH 30004 Public Health Research 4  PH 30012 Communicable Diseases  PHY 13002 General College Physics II (4)  and PHY 13022 General College Physics Laboratory II (1)  or PHY 23102 General University Physics II (5)  Semester Seven [16 Credits]  BSCI 30171 General Microbiology  PH 44000 Health Disparities 5  Semester Core Requirement  Kent Core Requirement  Kent Core Requirement  Semester Eight [15 Credits]  ! PH 49000 Capstone Experience in Public Health  BSCI 30156 Elements of Genetics  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement  Kent Core Requirement  Semester Eight [15 Credits]  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement	Motor D	er SIX [14 Greans]	al cummer	or fall of t	ho conior	voor (oo	noult with	advicer\
PH 30004 Public Health Research 4  PH 30012 Communicable Diseases  PHY 13002 General College Physics II (4)  and PHY 13022 General College Physics Laboratory II (1) or PHY 23102 General University Physics II (5)  Semester Seven [16 Credits]  BSCI 30171 General Microbiology  PH 44000 Health Disparities 5  3 C DD/WIC  Kent Core Requirement  Kent Core Requirement  Kent Core Requirement  Semester Eight [15 Credits]  ! PH 49000 Capstone Experience in Public Health  BSCI 30156 Elements of Genetics  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement  SKent Core Requirement	NOLE. FI			OI IAII OI I	ile Sellioi		iisuit witti	auvisoi)
PH 30012 Communicable Diseases  PHY 13002 General College Physics II (4)  and PHY 13022 General College Physics Laboratory II (1) or PHY 23102 General University Physics II (5)  Semester Seven [16 Credits]  BSCI 30171 General Microbiology 4				_				
PHY 13002 General College Physics II (4)  and PHY 13022 General College Physics Laboratory II (1)  or PHY 23102 General University Physics II (5)  Semester Seven [16 Credits]  BSCI 30171 General Microbiology  PH 44000 Health Disparities 5  3 C DD/WIC  Kent Core Requirement  3 Kent Core Requirement  3 Kent Core Requirement  3 Semester Eight [15 Credits]  ! PH 49000 Capstone Experience in Public Health  BSCI 30156 Elements of Genetics  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement  3 Kent Core Requirement								
and PHY 13022 General College Physics Laboratory II (1) or PHY 23102 General University Physics II (5)  Semester Seven [16 Credits]  BSCI 30171 General Microbiology 4	-		3	-				
or PHY 23102 General University Physics II (5)  Semester Seven [16 Credits]  BSCI 30171 General Microbiology 4 ■ □ □ □  PH 44000 Health Disparities 5 3 □ C □ DD/WIC  Kent Core Requirement 3 □ □  Kent Core Requirement 3 □ □  Kent Core Requirement 3 □ □  Find the Core Requirement 3 □ □  Semester Eight [15 Credits]  PH 49000 Capstone Experience in Public Health 3 □ □ ELR  BSCI 30156 Elements of Genetics 3 □ □ □  PH 30014 Strategies for Prevention in Public Health 3 □ □ □  Kent Core Requirement 3 □ □ □			_			_	KDC	
Semester Seven [16 Credits]         BSCI 30171 General Microbiology         4         ■         ■         DD/WIC           PH 44000 Health Disparities 5         3         ■         C         DD/WIC           Kent Core Requirement         3         ■         C         DD/WIC           Kent Core Requirement         3         ■         ■         ELR           Semester Eight [15 Credits]         !         PH 49000 Capstone Experience in Public Health         3         ■         ■         ELR           BSCI 30156 Elements of Genetics         3         ■         ■         ■           PH 30014 Strategies for Prevention in Public Health         3         ■         ■         ■           Kent Core Requirement         3         ■         ■         ■			5				VR2	
BSCI 30171 General Microbiology	Same							
PH 44000 Health Disparities 5  Kent Core Requirement  Kent Core Requirement  Kent Core Requirement  Kent Core Requirement  Semester Eight [15 Credits]  PH 49000 Capstone Experience in Public Health  BSCI 30156 Elements of Genetics  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement  Kent Core Requirement  Semester Eight [15 Credits]  PH 30016 Elements of Genetics  Regular Elements of Genetics of Gen	Semest		4					
Kent Core Requirement  Kent Core Requirement  Kent Core Requirement  Kent Core Requirement  Semester Eight [15 Credits]  PH 49000 Capstone Experience in Public Health  BSCI 30156 Elements of Genetics  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement  Semester Eight [15 Credits]  PH 49000 Capstone Experience in Public Health  Kent Core Requirement  Semester Eight [15 Credits]  ELR							DD *****	
Kent Core Requirement  Kent Core Requirement  Semester Eight [15 Credits]  PH 49000 Capstone Experience in Public Health  BSCI 30156 Elements of Genetics  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement  Samuel ELR  ELR  Whent Core Requirement  Samuel ELR  ELR				-	C		טט/wic	
Kent Core Requirement 3  Semester Eight [15 Credits]  ! PH 49000 Capstone Experience in Public Health 3								
Semester Eight [15 Credits]  ! PH 49000 Capstone Experience in Public Health  BSCI 30156 Elements of Genetics  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement  3 ELR  ELR								
! PH 49000 Capstone Experience in Public Health  BSCI 30156 Elements of Genetics  PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement  S ■ ELR  ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■			3					
BSCI 30156 Elements of Genetics 3	Semest	er Eight [15 Credits]						
PH 30014 Strategies for Prevention in Public Health  Kent Core Requirement  3 ■ ■  Weather Strategies for Prevention in Public Health 3 ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	!						ELR	
Kent Core Requirement 3				•				
				•				
Kent Core Requirement								
ron our requirement		Kent Core Requirement	3					

**Graduation Requirements Summary** 

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Minimum	
Millimum Total Hours	Millimani Opper-Division Hours	Millimum Kent Core Hours	Major GPA Over	Overall GPA
120	39	36	2.000	2.000



Roadmap: Public Health - Pre-Medicine, Dental, Osteopathy - Bachelor of Science in Public Health

PH-BSPH-PH-PMD College of Public Health Catalog Year: 2014-2015

- 1. General Chemistry series may be substituted with honors General Chemistry (CHEM 10960, 10961)
- 2. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.
- 3. If CHEM 20481 is taken student must take CHEM 20482. If CHEM 30481 is taken student must take CHEM 30482
- 4. 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.
- 5. A minimum C (2.000) grade must be earned to fulfill the writing-intensive requirement.

**University Requirements Summary** 

Туре	Categories	Categories Course(s) Satisfying Category	
	Kent Core I. Composition Enrollment based on placement test	visit www.kent.edu/catalog/kent-core	6
	Kent Core II. Mathematics and Critical Reasoning Enrollment based on placement test	MATH 12002 or MATH 12021	fulfilled
KHU	Kent Core III. Humanities Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFA	Kent Core IV. Fine Arts Minimum one course from the fine arts; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFH	Kent Core V. Humanities or Fine Arts One additional course from either the humanities or fine arts category, may fulfill diversity requirement.	visit www.kent.edu/catalog/kent-core	3
KSS	Kent Core VI. Social Sciences Must be selected from two curricular areas; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	6
KBS	Kent Core VII. Basic Sciences Must include one laboratory	BSCI 10110, CHEM 10060, CHEM 10062, CHEM 10063	fulfilled
KAD	Kent Core VIII. Additional May fulfill diversity requirement	BSCI 10120 CHEM 10061, PHY 13001, PHY 13002, PHY 13021, PHY 13022, PHY 23101, PHY 23102	fulfilled
DD	Domestic Diversity Course Requirement Either domestic or global diversity must be from Kent Core	PH 44000	fulfilled
DG	Global Diversity Course Requirement Either domestic or global diversity must be from Kent Core	PH 10002	fulfilled
ELR	Experiential Learning Requirement Either course or non-course experience approved by the appropriate faculty member	PH 49000	fulfilled
	Writing-Intensive Course Requirement Minimum C (2.000) grade	PH 44000	fulfilled