PUBLIC HEALTH - BS

Program Requirements

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First Year				
Fall		Semester Credit		
		Hours		
BIOL 111	Introductory Biology I	4		
Select one of the	following:	3		
COMM 203	Public Speaking			
COMM 205	Communication for Technical Professions			
COMM 243	Argumentation and Debate			
ENGL 104	Composition and Rhetoric			
ENGL 203	Writing about Literature			
ENGL 210	Technical and Professional Writing			
PERF 407	Performing Literature			
Selet one of the fo	ollowing:	3		
MATH 140	Mathematics for Business and Social Sciences			
MATH 142	Business Calculus			
MATH 147	Calculus I for Biological Sciences			
MATH 148	Calculus II for Biological Sciences			
MATH 151	Engineering Mathematics I			
MATH 152	Engineering Mathematics II			
MATH 168	Finite Mathematics			
MATH 171	Calculus I			
MATH 172	Calculus II			
PHIL 240	Introduction to Logic			
	ioral Sciences (http://catalog.tamu.edu/	3		
	eneral-information/university-core- al-behavioral-sciences)			
- Curricularii, #30Ci	Semester Credit Hours	13		
Spring	Semester Great Hours	13		
BIOL 112	Introductory Biology II	4		
Select one of the		3		
COMM 203	Public Speaking	J		
COMM 205	Communication for Technical Professions			
COMM 243	Argumentation and Debate			
ENGL 104	Composition and Rhetoric			
ENGL 203	Writing about Literature			
ENGL 210	Technical and Professional Writing			
PERF 407	Performing Literature			
Select one of the following: 3				
MATH 140	Mathematics for Business and Social			
MATH 142	Sciences Business Calculus			
MATH 142 MATH 147				
MATH 147 MATH 148	Calculus I for Biological Sciences			
MATH 148 MATH 151	Calculus II for Biological Sciences			
	Engineering Mathematics I			
MATH 152 MATH 168	Engineering Mathematics II Finite Mathematics			
	Calculus I			
MATH 171	Calculus I			

MATH 172	Calculus II				
PHIL 240	Introduction to Logic				
Creative arts (http://catalog.tamu.edu/undergraduate/ 3 general-information/university-core-curriculum/#creative-arts)					
4113)	Semester Credit Hours	13			
Second Year	Semester Steak Hours				
Fall					
POLS 206	American National Government	3			
CHEM 119	Fundamentals of Chemistry I	4			
	3				
American history (http://catalog.tamu.edu/undergraduate/ 3 general-information/university-core-curriculum/#american-history)					
General electives	1	6			
	Semester Credit Hours	16			
Spring					
POLS 207	State and Local Government	3			
undergraduate/ge	ophy and culture (http://catalog.tamu.edu/ neral-information/university-core- uage-philosophy-culture)	3			
_	(http://catalog.tamu.edu/undergraduate/	3			
-	on/university-core-curriculum/#american-				
General electives	1	6			
	Semester Credit Hours	15			
Third Year Fall					
PHLT 302	Foundations of Public Health	3			
PHLT 303	Social Context of Population Health	3			
PHLT 304	Biological Basis of Public Health	3			
PHLT 310	Public Health Writing	1			
PHLT 313	Health Care and Public Health System	3			
PHLT 314	Public Health Data Management and	2			
	Assessment I				
	Semester Credit Hours	15			
Spring					
PHLT 305	Epidemiology in Public Health	3			
PHLT 309	Population Health Promotion	3			
PHLT 311	Narrative Approach to Public Health	1			
PHLT 330	The Environment and Public Health	3			
PHLT 412	Health Advocacy and Policy	3			
PHLT 315	Public Health Data Management and Assessment II				
	Semester Credit Hours	15			
Fourth Year					
Fall					
PHLT 410	Public Health Communication	3			
PHLT 411	Project Management in Public Health	3			
PHLT 441	Improvement				
BSPH Directed Electives ²					
Select 9 hours from the following:					
BESC 314	Pathogens, the Environment and Society				
BESC 367	U.S. Environmental Regulations				

BESC 401	Piganyiranmental Migrahialasu		Carina		
	Bioenvironmental Microbiology		Spring	Dublic Health in the Clahal Contaut	2
BICH 410	Comprehensive Biochemistry I		PHLT 307	Public Health in the Global Context	3
BICH 411	Comprehensive Biochemistry II		PHLT 415	Emergency Management in Public Health	3
BICH 412	Biochemistry Laboratory I		PHLT 445	Applications of Public Health	3
CHEM 227	Organic Chemistry I		BSPH Directed E		
CHEM 237	Organic Chemistry Laboratory			rom the following:	6
CHEM 228	Organic Chemistry II		BESC 314	Pathogens, the Environment and Society	
CHEM 238	Organic Chemistry Laboratory		BESC 367	U.S. Environmental Regulations	
ENTO 210	Global Public Health Entomology		BESC 401	Bioenvironmental Microbiology	
ENTO 423	Medical Entomology		BICH 410	Comprehensive Biochemistry I	
ENTO 431/	The Science of Forensic Entomology		BICH 411	Comprehensive Biochemistry II	
FIVS 431	Annilla d Francia Fatoniala ma		BICH 412	Biochemistry Laboratory I	
ENTO 432/ FIVS 432	Applied Forensic Entomology		CHEM 227	Organic Chemistry I	
GENE 301	Comprehensive Genetics		CHEM 237	Organic Chemistry Laboratory	
GENE 312	Comprehensive Genetics Comprehensive Genetics Laboratory		CHEM 228	Organic Chemistry II	
GENE 312	Biomedical Genetics		CHEM 238	Organic Chemistry Laboratory	
BIMS 320	bioinedical defletics		ENTO 210	Global Public Health Entomology	
PHLT 306	Border Health		ENTO 423	Medical Entomology	
PHLT 308	Comparative Global Health Systems		ENTO 431/	The Science of Forensic Entomology	
PHLT 331	Occupational Safety and Health I		FIVS 431		
PHLT 331	Occupational Safety and Health II		ENTO 432/	Applied Forensic Entomology	
PHLT 333	Accident Investigation		FIVS 432		
	•		GENE 301	Comprehensive Genetics	
PHLT 334	Fire Safety and Workplace Hazards Hazardous Materials		GENE 312	Comprehensive Genetics Laboratory	
PHLT 335			GENE 320/	Biomedical Genetics	
PHLT 413	Public Health Informatics		BIMS 320	A said and tone at making	
PHLT 414	Applications of Epidemiology in Public Health		PHLT 333	Accident Investigation	
PHLT 416	Public Health Leadership and Ethics		PHLT 306	Border Health	
PHLT 432	Human Factors and Ergonomic Health and		PHLT 308	Comparative Global Health Systems	
11121 402	Safety		PHLT 331	Occupational Safety and Health I	
PHLT 433	Industrial Inspections and Audit		PHLT 332	Occupational Safety and Health II	
	Techniques		PHLT 333	Accident Investigation	
PHLT 434	Project Cost Benefit and Economics		PHLT 334	Fire Safety and Workplace Hazards	
PHLT 484	Public Health Studies Field Experience		PHLT 335	Hazardous Materials	
PHLT 485	Directed Studies		PHLT 413	Public Health Informatics	
PHLT 489	Special Topics In		PHLT 414	Applications of Epidemiology in Public Health	
PHLT 491	Research		PHLT 416		
URPN 370	Health Systems Planning		PHLT 432	Public Health Leadership and Ethics	
URPN 371	Environmental Health Planning and Policy		PILL 432	Human Factors and Ergonomic Health and Safety	
VIBS 401	Developmental Neurotoxicology		PHLT 485	Directed Studies	
VIBS 407/	Core Ideas in Neuroscience		PHLT 433	Industrial Inspections and Audit	
NRSC 407			1 11L1 455	Techniques	
VIBS 413	Introduction to Epidemiology		PHLT 434	Project Cost Benefit and Economics	
VIBS 420	Computer Applications in Public Health		PHLT 484	Public Health Studies Field Experience	
	Research		PHLT 485	Directed Studies	
VTPB 408	Clinical Microbiology		PHLT 489	Special Topics In	
VTPB 409	Introduction to Immunology		PHLT 491	Research	
VTPB 438	Biomedical Virology		URPN 370	Health Systems Planning	
VTPB 487/	Biomedical Parasitology		URPN 371	Environmental Health Planning and Policy	
BIOL 487			VIBS 401		
	Semester Credit Hours	18	VIBS 401/	Developmental Neurotoxicology Core Ideas in Neuroscience	
			NRSC 407	Gore rueas in meuroscience	
			111100 401		

	Total Semester Credit Hours	120
	Semester Credit Hours	15
VTPB 487/ BIOL 487	Biomedical Parasitology	
VTPB 438	Biomedical Virology	
VTPB 409	Introduction to Immunology	
VTPB 408	Clinical Microbiology	
VIBS 420	Computer Applications in Public Health Research	
VIBS 413	Introduction to Epidemiology	

Approval of degree plan does not guarantee access to courses. Students must satisfy prerequisites, and some course (writing intensive classes included) are available to majors only. It is the responsibility of the student to ascertain whether there are any restrictions or prerequisites for courses in their degree plan.

Chosen in consultation with BSPH academic advisor. BSPH Directed Electives: courses that constitute the major are those offered by the School of Public Health and those approved for public health studies electives. Additional courses may be available. Students must check with their academic advisor.