

# Program Change Request

## New Program Proposal

Date Submitted: 06/05/19 4:35 pm

Viewing: **BS/MPH-PHLT/PHEP-PPH : Public Health - 5-year**

## Bachelor of Science/Master of Public Health in Epidemiology

Last edit: 08/22/19 11:09 am

Changes proposed by: dparks

### In Workflow

1. CLPH Reviewer
2. CLPH Reviewer UG
3. CLPH Department Head UG
4. CLPH Department Head
5. Curricular Services Review
6. PH Committee Preparer
7. PH Committee Chair
8. PH College Dean
9. UCC & GC Preparers -UCC Preparer -GC Preparer
10. UCC & GC Chairs -UCC Chair -GC Chair
11. Faculty Senate Preparer
12. Faculty Senate
13. Provost II
14. President
15. Curricular Services

### Contact(s)

Name	E-mail	Phone
Dana Hernandez	dhernandez@sph.tamhsc.edu	979-436-9402

Academic level	Undergraduate-Graduate
Effective Term	2020-2021
Department	School of Public Health
Department 2	Public Health Studies
College	Public Health
College 2	Public Health
Program type	Combination
Degree designation	BS/MPH - Bachelor of Science/Master of Public Health
With a major in	Public Health/Epidemiology (PHLT/PHEP)
Associated Program	Not Applicable
With a concentration in	Public Health MPH 3+2 program (PPH)
Catalog Program Title	Public Health - 5-year Bachelor of Science/Master of Public Health in Epidemiology
CIP and Fund code	512201

### Rationale for Proposal

This program will enable well-qualified students to complete the requirements for a BS in Public Health and a Masters in Public Health-Epidemiology within five years. We believe that this program will be attractive to some of the best students coming out of high school and will enable our better students to enter our Master's program during their fourth year at TAMU.

Program hours	165
Is this program eligible for financial aid?	Yes

### Catalog Program Requirements

### Approval Path

1. 02/05/19 3:05 pm  
Erin Schneider (erinschneider): Rollback to Initiator
2. 02/15/19 11:31 am  
Erin Schneider (erinschneider): Rollback to Initiator
3. 02/18/19 8:48 am  
Erin Schneider (erinschneider): Approved for CLPH Reviewer
4. 02/18/19 12:22 pm  
Dana Hernandez (dparks): Approved for CLPH Reviewer UG
5. 02/18/19 2:04 pm  
Don Curtis (dcurtis): Approved for CLPH Department Head UG
6. 02/19/19 8:58 am  
Jay Maddock (maddock): Approved for CLPH Department Head
7. 02/20/19 3:45 pm  
Angel Mario Carrizales (carri1214): Rollback to Initiator
8. 02/28/19 12:29 pm

- Erin Schneider  
(erinschneider):  
Approved for CLPH  
Reviewer
- 9. 02/28/19 1:26 pm  
Dana Hernandez  
(dparks): Approved for  
CLPH Reviewer UG
- 10. 02/28/19 1:26 pm  
Don Curtis (dcurtis):  
Approved for CLPH  
Department Head UG
- 11. 03/01/19 4:57 pm  
Sandra Williams  
(sandra-williams):  
Rollback to Initiator
- 12. 06/10/19 11:32 am  
Erin Schneider  
(erinschneider):  
Approved for CLPH  
Reviewer
- 13. 06/10/19 11:58 am  
Dana Hernandez  
(dparks): Approved for  
CLPH Reviewer UG
- 14. 06/10/19 12:24 pm  
Don Curtis (dcurtis):  
Approved for CLPH  
Department Head UG
- 15. 06/19/19 6:46 am  
John August (j-august):  
Approved for CLPH  
Department Head
- 16. 06/28/19 1:55 pm  
Angel Mario Carrizales  
(carri1214): Approved  
for Curricular Services  
Review
- 17. 08/12/19 10:51 am  
Rick Danko (danko):  
Approved for PH  
Committee Preparer
- 18. 08/22/19 11:14 am  
Sherry Lin (sslin):  
Approved for PH  
Committee Chair
- 19. 08/22/19 2:24 pm  
John August (j-august):  
Approved for PH  
College Dean
- 20. 08/23/19 8:38 am  
Terra Bissett (t.bissett):  
Approved for UCC & GC  
Preparers
- 21. 09/09/19 9:44 am  
Terra Bissett (t.bissett):  
Approved for UCC & GC  
Chairs

The following is a suggested schedule that includes the required courses for the combined BS/MPH in Public Health-Epidemiology. It is recognized that many students will change the sequence and number of courses taken in any semester. Deviations from the the prescribed course sequence, however, should be made with care to ensure that prerequisites for all courses are met.

#### Plan of Study Grid

First Year

Fall		Semester Credit Hours
<a href="#">BIOL 111</a>	Introductory Biology I	4
Select one of the following:		3
<a href="#">COMM 203</a>	Public Speaking	
<a href="#">COMM 205</a>	Communication for Technical Professions	
<a href="#">COMM 243</a>	Argumentation and Debate	
<a href="#">ENGL 104</a>	Composition and Rhetoric	
<a href="#">ENGL 203</a>	Writing about Literature	
<a href="#">ENGL 210</a>	Technical and Business Writing	
<a href="#">THAR 407</a>	Performing Literature.	
Select one of the following:		3
<a href="#">MATH 140</a>	Mathematics for Business and Social Sciences	
<a href="#">MATH 141</a>	Finite Mathematics	
<a href="#">MATH 142</a>	Business Calculus	
<a href="#">MATH 147</a>	Calculus I for Biological Sciences	
<a href="#">MATH 148</a>	Calculus II for Biological Sciences	
<a href="#">MATH 151</a>	Engineering Mathematics I	
<a href="#">MATH 152</a>	Engineering Mathematics II	
<a href="#">MATH 167</a>	Explorations in Mathematics	
<a href="#">MATH 171</a>	Analytic Geometry and Calculus	
<a href="#">MATH 172</a>	Calculus	
<a href="#">PHIL 240</a>	Introduction to Logic	
<a href="#">Social and behavioral sciences</a>		3
	Semester Credit Hours	13
Spring		
<a href="#">BIOL 112</a>	Introductory Biology II	4
Select one of the following:		3
<a href="#">COMM 203</a>	Public Speaking	
<a href="#">COMM 205</a>	Communication for Technical Professions	
<a href="#">COMM 243</a>	Argumentation and Debate	
<a href="#">ENGL 104</a>	Composition and Rhetoric	
<a href="#">ENGL 203</a>	Writing about Literature	
<a href="#">ENGL 210</a>	Technical and Business Writing	
<a href="#">THAR 407</a>	Performing Literature.	
Select one of the following:		3
<a href="#">MATH 140</a>	Mathematics for Business and Social Sciences	
<a href="#">MATH 141</a>	Finite Mathematics	
<a href="#">MATH 142</a>	Business Calculus	
<a href="#">MATH 147</a>	Calculus I for Biological Sciences	
<a href="#">MATH 148</a>	Calculus II for Biological Sciences	
<a href="#">MATH 151</a>	Engineering Mathematics I	
<a href="#">MATH 152</a>	Engineering Mathematics II	
<a href="#">MATH 167</a>	Explorations in Mathematics	
<a href="#">MATH 171</a>	Analytic Geometry and Calculus	
<a href="#">MATH 172</a>	Calculus	
<a href="#">PHIL 240</a>	Introduction to Logic	
<a href="#">Creative arts</a>		3
	Semester Credit Hours	13
Second Year		
Fall		
<a href="#">CHEM 119</a>	Fundamentals of Chemistry I	4
<a href="#">POLS 206</a>	American National Government	3
<a href="#">American history</a>		3
Free electives 1		6
	Semester Credit Hours	16
Spring		
<a href="#">POLS 207</a>	State and Local Government	3
<a href="#">American history</a>		3
<a href="#">Language, philosophy and culture</a>		3
Free electives 1		6
	Semester Credit Hours	15
Third Year		
Fall		
<a href="#">PHLT 302</a>	Foundations of Public Health	3
<a href="#">PHLT 303</a>	Social Context of Population Health	3

<a href="#">PHLT 304</a>	Biological Basis of Public Health	3
<a href="#">PHLT 310</a>	Public Health Writing	1
<a href="#">PHLT 313</a>	Health Care and Public Health System	3
<a href="#">PHLT 314</a>	Public Health Data Management and Assessment I	2
	Semester Credit Hours	15
Spring		
<a href="#">PHLT 305</a>	Epidemiology in Public Health	3
<a href="#">PHLT 309</a>	Population Health Promotion	3
<a href="#">PHLT 311</a>	Narrative Approach to Public Health	1
<a href="#">PHLT 315</a>	Public Health Data Management and Assessment II	2
<a href="#">PHLT 330</a>	The Environment and Public Health	3
<a href="#">PHLT 412</a>	Health Advocacy and Policy	3
	Semester Credit Hours	15
Fourth Year		
Fall		
<a href="#">PHEB 602</a>	Biostatistics I	3
<a href="#">PHLT 411</a>	Project Management in Public Health	3
<a href="#">PHLT 441</a>	Strategies for Population Health Improvement	3
<a href="#">SOPH 601</a>	Thinking in Populations: The Public Health Mindset 2	2
<a href="#">SOPH 602</a>	Investigation and Control: Acute Public Health Events 2	3
<a href="#">SOPH 603</a>	Assessment and Intervention: Wicked Problems in Public Health	2
	Semester Credit Hours	17
Spring		
<a href="#">PHEB 603</a>	Biostatistics II	3
<a href="#">PHEB 605</a>	Epidemiologic Methods I	3
<a href="#">PHEB 612</a>	Data Management / Computing	3
<a href="#">PHLT 410</a>	Public Health Communication	3
<a href="#">PHLT 445</a>	Applications of Public Health	3
<a href="#">SOPH 604</a>	Framing and Persuasion: Public Health in the Public Sphere 2	1
	Semester Credit Hours	16
Summer		
<a href="#">PHEB 684</a>	Practicum 2	3
	Semester Credit Hours	3
Fifth Year		
Fall		
<a href="#">PHEB 609</a>	Categorical Data Analysis	3
<a href="#">PHEB 610</a>	Epidemiologic Methods II	3
<a href="#">PHEB 615-627</a>		3
<a href="#">PHLT 307</a>	Public Health in the Global Context	3
Elective 3		3
	Semester Credit Hours	15
Spring		
<a href="#">PHEB 615-627</a>		3
<a href="#">PHLT 415</a>	Emergency Management in Public Health	3
<a href="#">SOPH 680</a>	Public Health Capstone 2	3
Elective 3		3
	Semester Credit Hours	12
	Total Semester Credit Hours	150

1Chosen in consultation with BSPH academic advisor.

2These 15 hours will be used towards both the BS and MPH degree in Public Health

3Elective options: Courses from PHEB or other SPH departments may be taken. One elective must be a statistics course. For courses outside SPH, please get approval from the departmental advisor.

The program includes a total of 165 hours which up to 15 hours may be applied toward both the Bachelor of Science in Public Health and the Master of Public Health in 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.

**Additional information** The 3+2 program enables a Public Health Studies major to earn both a bachelor's degree (120 undergraduate credit hours including 15 hours dual credit graduate hours) and a master's degree (45 credit hours including the 15 dual credit graduate hours) in Public Health within a period of five years after entering Texas A&M. Students can complete the required credit hours for each degree without diminishing scope or quality of work.

Students interested in this program will apply during their junior year and, if admitted, begin taking masters-level courses in the fall of their senior year with an undergraduate classification. Students are reclassified as degree seeking master's students

after completing 90 credit hours typically in the the following semester. These credit hours must include all specific course prerequisites for a baccalaureate degree in Public Health Studies, as well as the courses required by the School of Public Health and by Texas A&M University for an undergraduate degree.

Required Proposal	<a href="#">BSPH-EPI 3+2 Degree Plan - 021519.docx</a>
Forms	<a href="#">Degree Evaluation 3+2 BSPH-MPH Epi.docx</a>
Reviewer Comments	<p><b>Erin Schneider (erinschneider) (02/05/19 3:05 pm):</b> Rollback: Additional edits needed</p> <p><b>Erin Schneider (erinschneider) (02/15/19 11:31 am):</b> Rollback: Change program code to MPH (not MSPH); change total hours dual counted from 12 to 15 (this includes the following SOPH courses- 601, 602, 603, 604, 680, and 684); add PHLT 307 and 415 to the degree plan (5th year); update program requirements notes</p> <p><b>Angel Mario Carrizales (carri1214) (02/20/19 3:45 pm):</b> Rollback: Please addressed the following: 1) Update the "With a Major in" field and the Catalog program title. The undergraduate major should be listed first. 2) Update the "Program hours" field. The hours listed in the field should be the sum of the programs being combined ( 120 UG + 45 GR = 165) 3) The first two paragraph listed under the catalog programs requirements field is best listed in the program overview page. The overview page is created once the program has received full approval. For now, please add this information to the "additional information" field. 4) The attached undergraduate degree evaluation does not match the requirements listed in this proposal. The areas above work not applied sums to 108 hours and is missing 12 hours. The Communication area of the degree evaluation list ENGL 104 and COMM 203 OR ENGL 210 as the only options, while the catalog list more courses. The Mathematics and Language Philosophy and Culture specify course. However, the catalog does not specify these courses and allows for any approved core course. The American History requirement has the same issue.</p> <p><b>Sandra Williams (sandra-williams) (03/01/19 4:57 pm):</b> Rollback: As requested. Updates are needed to CLPH Department Head role workflow.</p> <p><b>Erin Schneider (erinschneider) (06/10/19 11:32 am):</b> Added updated degree evaluation</p> <p><b>Angel Mario Carrizales (carri1214) (06/26/19 3:59 pm):</b> Previous concerns have been addressed.</p> <p><b>Sherry Lin (sslin) (08/22/19 11:13 am):</b> SPH CC approved the changes</p> <p><b>Terra Bissett (t.bissett) (09/09/19 9:41 am):</b> UCC approved September 2019.</p>

Key: 944

BSPH/MPH 3+2 DEGREE PLAN: EPIDEMIOLOGY

ICD (6 HRS): \_\_\_\_\_, \_\_\_\_\_

FOREIGN LANGUAGE: \_\_\_\_\_

Student Name: \_\_\_\_\_

UIN: \_\_\_\_\_

Career Goal: \_\_\_\_\_

TEXAS CORE CURRICULUM (45 Hours)					
<b>*COMMUNICATION (6 hours)</b>			<b>CREATIVE ARTS (3 hours) - Choose one</b>		
ENGL 104 (1302)	3			3	
COMM 203 (SPCH 1315) or ENGL 210 (2311)	3		<b>*LANGUAGE, PHILOSOPHY, CULTURE (3 hours)</b>		
<b>MATH (6 hours)</b>			GEOG 202 (1303)	3	
MATH 140 or 141 (1324)	3		<b>*AMERICAN HISTORY (6 hours)</b>		
MATH 142 (1325)	3		HIST 105 (1301)	3	
<b>LIFE &amp; PHYSICAL SCIENCES (12 hours)</b>			HIST 106 (1302)	3	
BIOL 111 (1306 & 1106 or 1406)	4		<b>GOVERNMENT/POLITICAL SCIENCE (6 hours)</b>		
BIOL 112 (1307 & 1107 or 1407)	4		POLS 206 (2305)	3	
CHEM 119	4		POLS 207 (2306)	3	
<b>SOCIAL &amp; BEHAVIORAL SCIENCES (3 hours) - Choose one</b>					
	3				
**FREE ELECTIVES (NOT MORE THAN 12 HOURS)					
	3			3	
	3			3	
PUBLIC HEALTH COURSEWORK (87 HOURS)					
<b>Junior Year - Fall semester</b>			<b>Junior Year - Spring semester</b>		
PHLT 302 Foundations of Public Health	3		PHLT 305 Epidemiology	3	
PHLT 303 Social Context of Public Health	3		PHLT 309 Population Health Promotion	3	
PHLT 304 Biological Bases of Public Health	3		PHLT 311 Narrative Approach to Public Health	1	
PHLT 310 Public Health Writing	1		PHLT 330 The Environment and Public Health	3	
PHLT 313 Public Health Systems	3		PHLT 412 Health Policy and Advocacy	3	
PHLT 314 Data Management & Assessment I	2		PHLT 315 Data Management & Assessment II	2	
PUBLIC HEALTH COURSEWORK (CONT.)					
<b>Senior Year - Fall semester</b>			<b>Senior Year - Spring semester</b>		
PHEB 602	3		PHEB 605	3	
PHLT 411 Project Management	3		PHEB 612	3	
PHLT 441 Strategies to Improve Public Health	3		PHLT 445 Culminating Experience	3	
SOPH 601***	2		SOPH 604***	1	
SOPH 602***	3		PHLT 410 Public Health Communication	3	
SOPH 603***	3		PHEB 603	3	

<b>SUMMER PRACTICUM (CONT.)</b>				
<b>Fourth Year - Summer</b>				
PHEB 684 Practicum***	3			
<b>PUBLIC HEALTH COURSEWORK (CONT.)</b>				
<b>Fifth Year - Fall semester</b>			<b>Fifth Year - Spring semester</b>	
PHEB 609	3		SOPH 680***	3
PHEB 610	3		PHEB Epi Content#	3
Elective%	3		Elective%	3
PHEB Epi Content#	3		PHLT 415 Emergency Management in PH	3
PHLT 307 Global Health	3			

**Note:** 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.

\*Core courses listed below are the preferred and recommended courses for the BSPH. There are other courses that may meet the Texas Core Curriculum requirement.

\*\*Chosen in consultation with BSPH academic advisor.

\*\*\*Double counted

#Epi Content Courses include PHEB 615-627

% Elective options: Courses from PHEB or other SPH departments may be taken. One elective must be a statistics course. For courses outside SPH, please get approval from the departmental advisor.

## Degree Evaluation: 3+2 BSPH/MPH Epidemiology

### Major Coursework: 48 hours

- PHLT 302 – 3 hours
- PHLT 303 – 3 hours
- PHLT 304 – 3 hours
- PHLT 305 – 3 hours
- PHLT 307 – 3 hours
- PHLT 309 – 3 hours
- PHLT 310 – 1 hour
- PHLT 311 – 1 hour
- PHLT 313 – 3 hours
- PHLT 314 – 2 hours
- PHLT 315 – 2 hours
- PHLT 330 – 3 hours
- PHLT 410 – 3 hours
- PHLT 411 – 3 hours
- PHLT 412 – 3 hours
- PHLT 415 – 3 hours
- PHLT 441 – 3 hours
- PHLT 445 – 3 hours

### Major Coursework Double Counted: 15 hours

- SOPH 601 – 2 hours
- SOPH 602 – 3 hours
- SOPH 603 – 3 hours
- SOPH 604 – 1 hours
- SOPH 680 – 3 hours
- PHEB 684 – 3 hours

### Communication: 6 hours

- Choose two of the following: ENGL 104, ENGL 203, ENGL 210, ENGL 407, COMM 203, COMM 205, COMM 243

### Mathematics: 6 hours

- Choose two of the following: MATH 140, MATH 141, MATH 142, MATH 147, MATH 148, MATH 151, MATH 152, MATH 167, MATH 171, MATH 172, PHIL 240

### Life and Physical Sciences: 12 hours

- BIOL 111 – 4 hours
- BIOL 112 – 4 hours
- CHEM 119 – 4 hours

### Social & Behavioral Sciences: 3 hours

- Social & Behavioral Sciences Requirement

### Creative Arts: 3 hours

- Creative Arts Requirement

### Language, Philosophy, Culture: 3 hours



- Language, Philosophy, Culture Requirement

American History: 6 hours

- American History Requirement

Government/Political Science: 6 hours

- POLS 206 – 3 hours
- POLS 207 – 3 hours

Free Electives: 12 hours

- Chosen in consultation with BSPH academic advisor

University Writing Req.: 2 hours

- PHLT 310 – 1 hour
- PHLT 311 – 1 hour

Int'l & cult. Diversity: 6 hours

Foreign Language

Residence Requirement – 36hrs of 300-400 level coursework must be completed at TAMU. 12 hours must be in major field: PHLT 400-499

GPR – Major:

- PHLT 302 – 3 hours
- PHLT 303 – 3 hours
- PHLT 304 – 3 hours
- PHLT 305 – 3 hours
- PHLT 307 – 3 hours
- PHLT 309 – 3 hours
- PHLT 310 – 1 hour
- PHLT 311 – 1 hour
- PHLT 313 – 3 hours
- PHLT 314 – 2 hours
- PHLT 315 – 2 hours
- PHLT 330 – 3 hours
- PHLT 410 – 3 hours
- PHLT 411 – 3 hours
- PHLT 412 – 3 hours
- PHLT 415 – 3 hours
- PHLT 441 – 3 hours
- PHLT 445 – 3 hours
- SOPH 601 – 2 hours
- SOPH 602 – 3 hours
- SOPH 603 – 3 hours
- SOPH 604 – 1 hour
- SOPH 680 – 3 hours
- PHEB 602 – 3 hours
- PHEB 603 – 3 hours
- PHEB 605 – 3 hours
- PHEB 609 – 3 hours
- PHEB 610 – 3 hours

- PHEB 612 – 3 hours
- PHEB 684 – 3 hours
- PHEB 615-627 – 6 hours
- Elective – 6 hours