

# BACHELOR OF SCIENCE, MAJOR IN PUBLIC HEALTH

**Additional information:** Reference the Program Landing Page (<https://www.shsu.edu/programs/bachelor-of-science-in-public-health/>) for additional information, such as cost, delivery format, contact information, or to schedule a visit.

Requirements: **Students enrolled in the BS in Public Health program must maintain a minimum GPA of 2.75 or higher in all areas.** This minimum GPA requirement is mandated by the Council on Education of Public Health, the accrediting organization for public health education programs. The first semester a student earns a GPA below 2.75, he/she must meet with the BS in Public Health Program Coordinator to develop a plan of study to improve their GPA. **The second semester a student earns a GPA below 2.75, she/he must declare a new major. In most cases, a student will change their major to one of the following program areas that will allow students to enter that degree with a GPA below 2.75 while also minimizing loss of previously completed credits in HLTH courses: Health Sciences, Health Care Administration, Bilingual Health Care Studies, or another area.**

Code	Title	Hours
<b>Bachelor of Science in Public Health</b>		
<b>Core Curriculum</b> ( <a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/</a> )		
	Component Area I (Communications)	6
	Component Area II (Mathematics) <sup>1</sup>	3
	Component Area III (Life and Physical Science) <sup>2</sup>	8
	Component Area IV (Language, Philosophy, and Culture)	3
	Component Area V (Creative Arts)	3
	Component Area VI (U.S. History)	6
	Component Area VII (Political Science/Government)	6
	Component Area VIII (Social and Behavioral Sciences) <sup>3</sup>	3
	Component Area IX (Component Area Option) <sup>4</sup>	4
<b>Degree Specific Requirements</b>		
BIOL 2403	Human Anatomy & Physiology I <sup>2,5</sup>	4
BIOL 2404	Human Anatomy & Physiology II <sup>5</sup>	4
CHEM 1406 or CHEM 1411	Inorganic & Environmental Chemistry <sup>2</sup> General Chemistry I	4
FSCN 2362	Nutrition <sup>6</sup>	3
KINE 2115	Lifetime Health and Wellness <sup>4</sup>	1
MATH 1314 or MATH 1410 or MATH 1420	Pre Calculus Algebra <sup>1</sup> Elementary Functions Calculus I	3
MATH 1370	Introduction to Biomedical Statistics <sup>7</sup>	3
PSYC 1301	Introduction To Psychology <sup>3</sup>	3
<b>Major: Foundation</b>		
HLTH 1360	The Fundamentals of Health Promotion and Health Careers (Freshman) <sup>8</sup>	3
HLTH 2383	Multicultural Health Issues	3
HLTH 2391	Human Diseases <sup>8</sup>	3
HLTH 3350	Principles of Public Health <sup>8</sup>	3
HLTH 3355	United States Health Care Systems <sup>8,9</sup>	3
HLTH 3360	Epidemiology	3
HLTH 3361	Health Planning & Evaluation <sup>8</sup>	3
HLTH 3392	Health Communication and Literacy <sup>8</sup>	3
HLTH 4360	Research Methods/Statistics <sup>8</sup>	3
HLTH 4380	Global Health	3
HLTH 4387	Community Health	3
HLTH 4390	Environmental Health	3
HLTH 4393	Professional Preparation for Health Careers <sup>8,10</sup>	3
HLTH 4394	Internship Program <sup>8,10</sup>	3
<b>Major: Prescribed Electives (26 SCH) OR Undergraduate Certificate in Communication for Health and Social Care Professionals <sup>11</sup></b>		<b>26</b>
<b>Undergraduate Certificate Communication for Health and Social Care Professionals.</b>		

COMS 3375	Strategic Organizational Communication
COMS 3386	Learning to Listen: A Key Communication Competency
COMS 3391	Interpersonal Health Communication
COMS 3392	Risk Communication
COMS 3393	Environmental Communication
HLTH 3355	United States Health Care Systems <sup>8,9</sup>
Prescribed Electives (11 SCH) <sup>12, 13</sup>	

**OR****Major: Prescribed Electives**

Select 26 hours (9 hours must be 3000 or 4000 level) from the below Prescribed Elective Course List. <sup>13</sup>

**Minor: Not Required** <sup>14, 15</sup>**Total Hours****120**

- <sup>1</sup> Satisfies Core Curriculum requirement for Component Area II (Mathematics).
- <sup>2</sup> Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).
- <sup>3</sup> Satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).
- <sup>4</sup> Satisfies one hour of the Core Curriculum requirement for Component Area IX (Component Area Option).
- <sup>5</sup> BIOL 2401 and BIOL 2402 may be used as transfer courses for this requirement; please see a SAM Center advisor for more details.
- <sup>6</sup> FSCN 1367 may be used as a transfer course for this requirement; please see a SAM Center advisor for more details.
- <sup>7</sup> MATH 1342 or MATH 3379 may be used as a transfer course for this requirement; please see SAM Center Advisor for more details.
- <sup>8</sup> HLTH 1360 and HLTH 2391 are prerequisites for the following courses: HLTH 3350 , HLTH 3355, HLTH 3361, HLTH 3385, HLTH 3392, HLTH 4117, HLTH 4360, HLTH 4363, HLTH 4365, HLTH 4367, HLTH 4371, HLTH 4375, HLTH 4392, HLTH 4393, HLTH 4394, and HLTH 4395.
- <sup>9</sup> HLTH 3355 satisfies the requirement for both the Major and the Undergraduate Certificate, if Undergraduate Certificate option is chosen.
- <sup>10</sup> Students must earn a grade of "C" or better in HLTH 4393 and HLTH 4394.
- <sup>11</sup> Students may select from the Undergraduate Certificate in Communication for Health and Social Care Professionals + **11 hours** of Prescribed Electives OR 26 hours of Prescribed Electives. Please select from the list of Prescribed Electives and consult with your advisor on appropriate course choices. Please note that HLTH 3355 double dips in both the Major: Foundation and Undergraduate Certificate areas.
- <sup>12</sup> Students select **11 SCH** from the below listing of Prescribed Electives.
- <sup>13</sup> See, below Prescribed Elective course list.
- <sup>14</sup> A minor is **not required** for this degree program; however, a student has the option to add a minor, but to do so additional semester credits hours will be needed above the degree program's stated total semester credit hours.
- <sup>15</sup> The following minor cannot be paired with this degree program: Minor in Health.

Code	Title	Hours
<b>Prescribed Elective Courses</b> <sup>12</sup>		
BIOL 1401	Environmental Science	4
BIOL 2420	Introduction to Applied Microbiology	4
ENGL 3330	Introduction to Technical Writing	3
HLTH 1366	Lifestyle and Wellness	3
HLTH 2372	Health & Medical Terminology	3
HLTH 3380	Drug Use and Abuse	3
HLTH 3385	Safety Education <sup>8</sup>	3
HLTH 3390	Family Life & Sex Education	3
HLTH 4117	Practicum <sup>8</sup>	1
HLTH 4360	Research Methods/Statistics <sup>8</sup>	3
HLTH 4363	Interventions for Wellness <sup>8</sup>	3
HLTH 4365	Health Care Policy <sup>8</sup>	3
HLTH 4366	Health Informatics	3
HLTH 4367	Economics for Health Managers <sup>8</sup>	3
HLTH 4371	Patient Navigation <sup>8</sup>	3
HLTH 4375	Health Laws and Ethics <sup>8</sup>	3
HLTH 4392	Problems in Health <sup>8</sup>	3
HLTH 4394	Internship Program <sup>8,9</sup>	3
HLTH 4395	Special Topics in Health <sup>8</sup>	3
KINE 2330	First Aid and CPR - American Red Cross	3

KINE 3362	Functional Kinesiology	3
KINE 3373	Physiology of Exercise	3
KINE 4361	Managing Health Promotion in the Workplace	3
KINE 4365	Directing Wellness Programs	3
MATH 1316	Plane Trigonometry	3
MCPA 4381	Social Marketing for Public Relations and Advertising	3
PHYS 1101	General Physics Laboratory I	1
PHYS 1301	General Physics-Mechanics and Heat	3
POLS 3335	Political Ethnic Minorities and Gender	3
POLS 3366	Public Administration	3
PSYC 3331	Abnormal Psychology	3
PSYC 3333	Physiological Psychology	3
PSYC 3374	Development Psychology	3
SOCI 1301	Introduction to Sociology	3
SOCI 3365	Sociology Of Health & Illness	3
SOCI 4334	Sociology Of Disaster	3
SOCI 4338	Social Gerontology	3
VCST 4338	Child Abuse And Neglect	3

Or other courses approved by Department

#### Notes

Students must earn a 2.75 minimum overall GPA in all coursework.

Students must meet a 2.75 minimum overall major GPA in all major coursework.

Students must earn a 2.75 minimum SHSU GPA in all coursework.

Students must meet a 2.75 minimum SHSU major GPA in all major coursework.

Consult current University catalog for questions concerning transfer courses and residency requirements.

ENGL 1301 and ENGL 1302 are prerequisites for ENGL 3330 and satisfies the Core Curriculum requirement for Component Area I (Communications).

FSCN 3339 requires a prerequisite of FSCN 3380.

HLTH 3350, HLTH 3361, HLTH 4387, requires 55 credit hours completed and a prerequisite of HLTH 1360 and HLTH 2391.

HLTH 3355, HLTH 3361, HLTH 3385, HLTH 3392, HLTH 4117, HLTH 4360, HLTH 4363, HLTH 4365, HLTH 4367, HLTH 4371, HLTH 4375, HLTH 4392, and HLTH 4395 require a prerequisite of HLTH 1360 and HLTH 2391.

HLTH 3360 requires a prerequisite of MATH 1342, MATH 1370, MATH 3379 OR STAT 3379 and HLTH 1360 and HLTH 2391.

HLTH 4360, HLTH 4363, HLTH 4365, HLTH 4380, HLTH 4390, KINE 3373 require Junior standing and a prerequisite of HLTH 1360 and HLTH 2391.

HLTH 4375 requires prerequisites of HLTH 1360, HLTH 2391, HLTH 3355, and Senior standing.

HLTH 4393 requires a prerequisite of the completion of 12 hours of HLTH 1360, and HLTH 2391.

HLTH 4394 requires a prerequisite of HLTH 1360 and HLTH 2391 and HLTH 4393 with a C or better.

KINE 3362 requires prerequisites of BIOL 2401 OR BIOL 2403; KINE 1331 OR ATTR 2300; and 45 credit hours.

MATH 3379 requires 3 hours of completed coursework in College Math.

MCPA 4381 requires MCOM Instructor approval.

PHYS 1301 has a prerequisite of MATH 1410 OR MATH 1316 or MATH 1420 with a grade of "C" or better for the course. MATH 1316 and MATH 1410 satisfy the 3 hours of Math required for the Core Competency Area II.

POLS 3366 requires a prerequisite of POLS 2305.

PSYC 3331 requires 3 hours of completed coursework in Psychology.

PSYC 3333 requires 3 hours of completed coursework in Psychology and 4 hours of completed coursework in Biology or permission of the instructor.

SOCI 3365 requires a prerequisite of SOCI 1301 OR SOCI 2319 which satisfies 3 hours of the Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).

SOCI 4338 requires a prerequisite of SOCI 1301 OR SOCI 2319 which satisfies 3 hours of the Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).

**Additional information:** Reference the Program Landing Page (<https://www.shsu.edu/programs/bachelor-of-science-in-public-health/>) for additional information, such as cost, delivery format, contact information, or to schedule a visit.

### First Year

Fall	Hours	Spring	Hours
BIOL 2403 <sup>1,2</sup>		4 Component Area IV ( <a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareiv">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareiv</a> )	3
CHEM 1406 or 1411 <sup>1</sup>		4 ENGL 1302 <sup>3</sup>	3
ENGL 1301 <sup>3</sup>		3 HIST 1301 <sup>6</sup>	3
KINE 2115 <sup>4</sup>		1 MATH 1370 <sup>7</sup>	3
MATH 1314, 1410, or 1420 <sup>5</sup>		3	
		<b>15</b>	<b>12</b>

### Second Year

Fall	Hours	Spring	Hours
BIOL 2404 <sup>2</sup>		4 Component Area V ( <a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav</a> )	3
HIST 1302 <sup>6</sup>		3 Component Area IX ( <a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix</a> )	3
HLTH 1360 <sup>8</sup>		3 FSCN 2362 <sup>11</sup>	3
HLTH 2391 <sup>8</sup>		3 HLTH 2383	3
POLS 2305 <sup>9</sup>		3 POLS 2306 <sup>9</sup>	3
PSYC 1301 <sup>10</sup>		3	
		<b>19</b>	<b>15</b>

### Third Year

Fall	Hours	Spring	Hours
HLTH 3350 <sup>8</sup>		3 HLTH 3361 <sup>8</sup>	3
HLTH 3355 <sup>8,12</sup>		3 HLTH 4380	3
HLTH 3360		3 HLTH 4387	3
HLTH 3392 <sup>8</sup>		3 HLTH 4390	3
Prescribed Electives or UG Cert Courses <sup>13, 14</sup>		3 HLTH 4393 <sup>8,15</sup>	3
		<b>15</b>	<b>15</b>

### Fourth Year

Fall	Hours	Spring	Hours
HLTH 4360 <sup>8</sup>		3 HLTH 4394 <sup>8,15</sup>	3
Prescribed Electives or UG Cert Courses <sup>13, 14</sup>		12 Prescribed Electives or UG Cert Courses <sup>13, 14</sup>	11
		<b>15</b>	<b>14</b>

**Total Hours: 120**

<sup>1</sup> Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).

<sup>2</sup> BIOL 2401 and BIOL 2402 may be used as transfer courses for this requirement; please see a SAM Center advisor for more details.

<sup>3</sup> Satisfies Core Curriculum requirement for Component Area I (Communications).

<sup>4</sup> Satisfies one hour of the Core Curriculum requirement for Component Area IX (Component Area Option).

<sup>5</sup> Satisfies Core Curriculum requirement for Component Area II (Mathematics).

- <sup>6</sup> Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
- <sup>7</sup> MATH 1342 OR MATH 3379 may be used as a transfer course for this requirement; please see a SAM Center Advisor for more details.
- <sup>8</sup> HLTH 1360 and HLTH 2391 are prerequisites for the following courses: HLTH 3350, HLTH 3355, HLTH 3361, HLTH 3385, HLTH 3392, HLTH 4117, HLTH 4360, HLTH 4363, HLTH 4365, HLTH 4367, HLTH 4371, HLTH 4375, HLTH 4392, HLTH 4393, HLTH 4394, and HLTH 4395.
- <sup>9</sup> Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- <sup>10</sup> Satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).
- <sup>11</sup> FSCN 1367 may be used as a transfer course for this requirement; please see a SAM Center advisor for more details.
- <sup>12</sup> HLTH 3355 satisfies the requirement for both the Major and the Undergraduate Certificate, if Undergraduate Certificate option is chosen.
- <sup>13</sup> Students may select from the Undergraduate Certificate for Health and Social Care Professionals + 11 hours of Prescribed Electives OR 26 hours of Prescribed Electives. Please select from the list of Prescribed Electives and consult with your advisor on appropriate course choices.
- <sup>14</sup> See, Prescribed Electives course listing below.
- <sup>15</sup> Students must earn a grade of "C" or better in HLTH 4393 and HLTH 4394.

Code	Title	Hours
<b>Prescribed Electives <sup>13</sup></b>		
BIOL 1401	Environmental Science	4
BIOL 2420	Introduction to Applied Microbiology	4
ENGL 3330	Introduction to Technical Writing	3
HLTH 1366	Lifestyle and Wellness	3
HLTH 2372	Health & Medical Terminology	3
HLTH 3380	Drug Use and Abuse	3
HLTH 3385	Safety Education <sup>8</sup>	3
HLTH 3390	Family Life & Sex Education	3
HLTH 4117	Practicum <sup>8</sup>	1
HLTH 4360	Research Methods/Statistics <sup>8</sup>	3
HLTH 4363	Interventions for Wellness <sup>8</sup>	3
HLTH 4365	Health Care Policy <sup>8</sup>	3
HLTH 4366	Health Informatics	3
HLTH 4367	Economics for Health Managers <sup>8</sup>	3
HLTH 4371	Patient Navigation <sup>8</sup>	3
HLTH 4375	Health Laws and Ethics <sup>8</sup>	3
HLTH 4392	Problems in Health <sup>8</sup>	3
HLTH 4394	Internship Program <sup>8,13</sup>	3
HLTH 4395	Special Topics in Health <sup>8</sup>	3
KINE 2330	First Aid and CPR - American Red Cross	3
KINE 3362	Functional Kinesiology	3
KINE 3373	Physiology of Exercise	3
KINE 4361	Managing Health Promotion in the Workplace	3
KINE 4365	Directing Wellness Programs	3
MATH 1316	Plane Trigonometry	3
MCPA 4381	Social Marketing for Public Relations and Advertising	3
PHYS 1101	General Physics Laboratory I	1
PHYS 1301	General Physics-Mechanics and Heat	3
POLS 3335	Political Ethnic Minorities and Gender	3
POLS 3366	Public Administration	3
PSYC 3331	Abnormal Psychology	3
PSYC 3333	Physiological Psychology	3
PSYC 3374	Development Psychology	3
SOCI 1301	Introduction to Sociology	3
SOCI 3365	Sociology Of Health & Illness	3
SOCI 4334	Sociology Of Disaster	3
SOCI 4338	Social Gerontology	3
VCST 4338	Child Abuse And Neglect	3

## Notes

Students must earn a 2.75 minimum overall GPA in all coursework.

Students must meet a 2.75 minimum overall major GPA in all major coursework.

Students must earn a 2.75 minimum SHSU GPA in all coursework.

Students must meet a 2.75 minimum SHSU major GPA in all major coursework.

Consult current University catalog for questions concerning transfer courses and residency requirements.

ENGL 1301 and ENGL 1302 are prerequisites for ENGL 3330 and satisfies the Core Curriculum requirement for Component Area I (Communications).

FSCN 3339 requires a prerequisite of FSCN 3380.

HLTH 3350, HLTH 3361, HLTH 4387, requires 55 credit hours completed and a prerequisite of HLTH 1360 and HLTH 2391.

HLTH 3355, HLTH 3361, HLTH 3385, HLTH 3392, HLTH 4117, HLTH 4360, HLTH 4363, HLTH 4365, HLTH 4367, HLTH 4371, HLTH 4375, HLTH 4392, and HLTH 4395 require a prerequisite of HLTH 1360 and HLTH 2391.

HLTH 3360 requires a prerequisite of MATH 1342, MATH 1370, MATH 3379 OR STAT 3379 and HLTH 1360 and HLTH 2391.

HLTH 4360, HLTH 4363, HLTH 4365, HLTH 4380, HLTH 4390, KINE 3373 require Junior standing and a prerequisite of HLTH 1360 and HLTH 2391.

HLTH 4375 requires prerequisites of HLTH 1360, HLTH 2391, HLTH 3355, and Senior standing.

HLTH 4393 requires a prerequisite of the completion of 12 hours of HLTH 1360, and HLTH 2391.

HLTH 4394 requires a prerequisite of HLTH 1360 and HLTH 2391 and HLTH 4393 with a C or better.

KINE 3362 requires prerequisites of BIOL 2401 OR BIOL 2403; KINE 1331 OR ATTR 2300; and 45 credit hours.

MATH 3379 requires 3 hours of completed coursework in College Math.

MCPA 4381 requires MCOM Instructor approval.

PHYS 1301 has a prerequisite of MATH 1410 OR MATH 1316 or MATH 1420 with a grade of "C" or better for the course. MATH 1316 and MATH 1410 satisfy the 3 hours of Math required for the Core Competency Area II.

POLS 3366 requires a prerequisite of POLS 2305.

PSYC 3331 requires 3 hours of completed coursework in Psychology.

PSYC 3333 requires 3 hours of completed coursework in Psychology and 4 hours of completed coursework in Biology or permission of the instructor.

SOCI 3365 requires a prerequisite of SOCI 1301 OR SOCI 2319 which satisfies 3 hours of the Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).

SOCI 4338 requires a prerequisite of SOCI 1301 OR SOCI 2319 which satisfies 3 hours of the Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).

Students may select from the Undergraduate Certificate for Health and Social Care Professionals + 11 hours of Prescribed Electives OR 26 hours of Prescribed Electives. Please select from the list of Prescribed Electives and consult with your advisor on appropriate course choices.

The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's **60x30TX plan** and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The BS in Public Health is designed to provide graduates with the following marketable skills:

- Participate in a proactive manner the day-to-day tasks of public health organizations.
- Conduct data collection and analysis to investigate public health issues.
- Participate in public health fieldwork requiring cultural competency skills.
- Develop public health program plans to meet the needs of at-risk populations.

- Act as a resource specialist for public health outreach.
- Demonstrate effective public health communications to diverse populations.

These competencies are outlined in the Core Competencies for Public Health Professionals ([http://www.phf.org/resourcestools/Documents/Core\\_Competerencies\\_for\\_Public\\_Health\\_Professionals\\_2014June.pdf](http://www.phf.org/resourcestools/Documents/Core_Competerencies_for_Public_Health_Professionals_2014June.pdf)).