

# BACHELOR OF SCIENCE, MAJOR IN PUBLIC HEALTH

Requirements: To major in Public Health, a student must maintain a minimum overall grade point average of at least 2.75. If a student drops below 2.75, they will be given one semester to increase their GPA before being required to leave the major.

Code	Title	Hours
<b>Bachelor of Science in Public Health</b>		
Core Curriculum ( <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 (Communication)		6
Component Area II (Mathematics)		3
Component Area III (Life and Physical Science)		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)		3
Component Area IX (Component Area Option)		4
<b>Degree Specific Requirements</b>		
BIOL 2403 or BIOL 2401	Human Anatomy & Physiology I <sup>1</sup> Human Anatomy	4
BIOL 2404 or BIOL 2402	Human Anatomy & Physiology II Human Physiology	4
CHEM 1406 or CHEM 1411	Inorganic & Envir Chemistry <sup>1</sup> General Chemistry I	4
FACS 2362 or FACS 1367	Nutrition <sup>2</sup> Basic Nutrition	3
KINE 2115	Lifetime Health and Wellness <sup>3</sup>	1
MATH 1314 or MATH 1410 or MATH 1420	Pre Calculus Algebra <sup>4</sup> Elementary Functions Calculus I	3
MATH 1369 or MATH 1370 or MATH 3379	Elementary Statistics Intro Biomedical Statistics Statistical Mthods in Practice	3
PSYC 1301	Introduction To Psychology <sup>5</sup>	3
<b>Major</b>		
HLTH 1360	Fund Hlth Promo & Hlth Careers (Freshman)	3
HLTH 2383	Multicultural Health Issues	3
HLTH 2391	Human Diseases	3
HLTH 3350	Principles of Public Health	3
HLTH 3355	US Health Care Systems	3
HLTH 3360	Epidemiology	3
HLTH 3361	Health Planning & Evaluation	3
HLTH 3392	Health Comm & Literacy	3
HLTH 4380	Global Health	3
HLTH 4387	Community Health	3
HLTH 4390	Environmental Health	3
HLTH 4360	Research Methods/Statistics	3
HLTH 4393	Prof Prep Health Careers <sup>6</sup>	3
HLTH 4394	Internship Program <sup>6</sup>	3
<b>Prescribed Electives</b>		
Select 26 hours of the following (9 hours must be 3000 or 4000 level):		26
BIOL 1401	Environmental Science	

BIOL 2420	Intro Applied Microbiology
CRIJ 4338	Child Abuse And Neglect
ENGL 3330	Intro to Technical Writing (WE)
HLTH 1366	Lifestyle and Wellness
HLTH 2372	Health & Medical Terminology
HLTH 3380	Drug Use and Abuse
HLTH 3385	Safety Education
HLTH 3390	Family Life & Sex Education
HLTH 4117	Practicum
HLTH 4363	Interventions for Wellness
HLTH 4365	Health Care Policy
HLTH 4366	Health Informatics
HLTH 4367	Economics for Health Managers
HLTH 4371	Patient Navigation
HLTH 4375	Health Laws and Ethics
HLTH 4392	Problems in Health
HLTH 4394	Internship Program
HLTH 4395	Special Topics in Health
KINE 2330	First Aid & CPR - Am Red Cross
KINE 3362	Functional Kinesiology
KINE 3373	Physiology Of Exercise
KINE 4361	Managing Health Promotion in the Workplace
KINE 4365	Directing Wellness Programs
MATH 1316	Plane Trigonometry
PHYS 1101	General Physics Laboratory I
PHYS 1301	General Phy-Mechanics & Heat
POLS 3335	Pol Ethnic Minorities & Gender
POLS 3366	Public Administration
PSYC 3331	Abnormal Psychology
PSYC 3333	Physiological Psychology
PSYC 3374	Development Psychology
SOCI 1301	Principles Of Sociology
SOCI 3365	Sociology Of Health & Illness
SOCI 4334	Sociology Of Disaster

Or other courses approved by Department

Total Hours

120

- 1 Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science) and major requirement.
- 2 FACS 1367 accepted only as a transfer course.
- 3 Satisfies Core Curriculum requirement for Component Area IX (Component Area Opting) and major requirement.
- 4 Satisfies Core Curriculum requirement for Component Area II (Mathematics) and major requirement.
- 5 Satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences) and major requirement.
- 6 Students must earn a grade of "C" or better in HLTH 4393 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204393>) and HLTH 4394 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204394>).

#### Notes

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

BIOL 2402 requires a grade of "C" or higher in BIOL 2401 and CHEM 1406.

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

FACS 3339 requires a prerequisite of FACS 3380.

HLTH 3350, HLTH 3361, HLTH 4387, requires 55 credit hours completed.

HLTH 3360 requires a prerequisite of MATH 1369, MATH 1370, MATH 3379 or STAT 3379

HLTH 3392 requires the prerequisites of HLTH 1360.

HLTH 4360, HLTH 4363, HLTH 4364, HLTH 4365, HLTH 4380, HLTH 4390, KINE 3373 require Junior Standing.

HLTH 3392 requires the prerequisites of HLTH 1360.

HLTH 4375 requires a prerequisite of HLTH 1360, HLTH 3355, Senior standing.

HLTH 4393 requires a prerequisite of the completion of 12 hours of HLTH.

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

KINE 3362 requires a prerequisite of BIOL 2401 or BIOL 2403 and 60 credit hours.

MATH 3379 requires 3 hours of completed course work in college Math.

PHYS 1301 has a prerequisite of MATH 1410 or MATH 1316 or MATH 1420 with a grade of "C" or higher 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 course work in Psychology and 4 hours of completed course work 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).

**First Year**

Fall	Hours	Spring	Hours
BIOL 2403 <sup>1</sup>		4 Component Area IV ( <a href="http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiiv">http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiiv</a> )	3
CHEM 1406 or 1411 <sup>1</sup>		4 ENGL 1302 <sup>2</sup>	3
ENGL 1301 <sup>2</sup>		3 HIST 1301 <sup>5</sup>	3
KINE 2115 <sup>3</sup>		1 MATH 1369, 1370, or 3379	3
MATH 1314, 1410, or 1420 <sup>4</sup>		3	
	15		12

**Second Year**

Fall	Hours	Spring	Hours
BIOL 2404 <sup>1</sup>		4 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
HIST 1302 <sup>5</sup>		3 FACS 2362	3
HLTH 1360		3 HLTH 2383 <sup>7</sup>	3
HLTH 2391		3 POLS 2306 <sup>6</sup>	3
POLS 2305 <sup>6</sup>		3 Prescribed Elective <sup>8</sup>	3
PSYC 1301 <sup>7</sup>		3	
	19		15

**Third Year**

Fall	Hours	Spring	Hours
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 HLTH 3361	3
HLTH 3350		3 HLTH 4380	3

HLTH 3355	3 HLTH 4387	3
HLTH 3360	3 HLTH 4390	3
HLTH 3392	3 HLTH 4393 <sup>9</sup>	3
		<hr/>
		15 15

**Fourth Year**

<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
HLTH 4360		3 HLTH 4394	3
Prescribed Electives <sup>8</sup>		12 Prescribed Electives <sup>8</sup>	11
		<hr/>	<hr/>
		15	14

Total Hours: 120

- 1 Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).
- 2 Satisfies Core Curriculum requirement for Component Area I (Communications).
- 3 Satisfies one hour of the Core Curriculum requirement for Component Area IX (Component Area Option).
- 4 Satisfies Core Curriculum requirement for Component Area II (Mathematics).
- 5 Satisfies Core Curriculum requirement for Component Area VI U.S. History).
- 6 Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- 7 Satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).
- 8 See, Prescribed Elective course listing below.
- 9 Students must earn a grade of "C" or better in HLTH 4393 and HLTH 4394.

<b>Code</b>	<b>Title</b>	<b>Hours</b>
<b>Prescribed Elective Courses<sup>8</sup></b>		
BIOL 1401	Environmental Science	4
BIOL 2420	Intro Applied Microbiology	4
CRIJ 4338	Child Abuse And Neglect	3
ENGL 3330	Intro 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	3
HLTH 3390	Family Life & Sex Education	3
HLTH 4117	Practicum	1
HLTH 4360	Research Methods/Statistics	3
HLTH 4363	Interventions for Wellness	3
HLTH 4365	Health Care Policy	3
HLTH 4366	Health Informatics	3
HLTH 4367	Economics for Health Managers	3
HLTH 4371	Patient Navigation	3
HLTH 4375	Health Laws and Ethics	3
HLTH 4392	Problems in Health	3
HLTH 4395	Special Topics in Health	3
KINE 2330	First Aid & CPR - Am 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
PHYS 1101	General Physics Laboratory I	1
PHYS 1301	General Phy-Mechanics & Heat	3
POLS 3335	Pol Ethnic Minorities & Gender	3
POLS 3366	Public Administration	3
PSYC 3331	Abnormal Psychology	3

PSYC 3333	Physiological Psychology	3
PSYC 3374	Development Psychology	3
SOCI 1301	Principles Of Sociology	3
SOCI 3365	Sociology Of Health & Illness	3
SOCI 4334	Sociology Of Disaster	3

### Notes

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

Students must earn a grade of "C" or better in HLTH 4393 and HLTH 4394.

BIOL 2402 requires a grade of "C" or higher in BIOL 2401 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=BIOL%202401>) and CHEM 1406 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=CHEM%201406>).

HLTH 3350 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%203350>), HLTH 3361 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%203361>), HLTH 4380 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204380>), HLTH 4387 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204387>), HLTH 4390 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204390>), HLTH 4360 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204360>), HLTH 4363 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204363>), HLTH 4364 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204364>), HLTH 4365 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204365>), HLTH 4366 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204366>), KINE 3373 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=KINE%203373>) require Junior Standing.

HLTH 3360 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%203360>) requires a prerequisite of MATH 1369 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=MATH%201369>), MATH 1370 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=MATH%201370>), MATH 3379 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=MATH%203379>) or STAT 3379 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=STAT%203379>).

HLTH 3392 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%203392>) requires the prerequisites of HLTH 1360. HLTH 1360 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%201360>) and HLTH 1366 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%201366>).

HLTH 4393 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204393>) requires a prerequisite of HLTH 4387 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204387>), and the completion of 12 hours of HLTH course work.

HLTH 4392 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204392>) requires a prerequisite of HLTH 4393 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204393>) and departmental approval. HLTH 4394 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204394>) requires a prerequisite of HLTH 4393 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204393>).

HLTH 4375 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%204375>) requires a prerequisite of HLTH 1360 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%201360>), HLTH 3355 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=HLTH%203355>), Senior standing.

FACS 3339 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=FACS%203339>) requires a prerequisite of FACS 1367 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=FACS%201367>) or FACS 2362 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=FACS%202362>).

SOCI 3365 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=SOCI%203365>) requires a prerequisite of SOCI 1301 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=SOCI%201301>) which satisfies 3 hours of the Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).

MATH 3379 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=MATH%203379>) requires 3 hours of completed course work in college Math.

POLS 3366 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=POLS%203366>) requires a prerequisite of POLS 2305 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=POLS%202305>).

ENGL 1301 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=ENGL%201301>) and ENGL 1302 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=ENGL%201302>) are prerequisites for ENGL 3330 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=ENGL%203330>) and satisfies the Core Curriculum requirement for Component Area I (Communications).

KINE 3362 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=KINE%203362>) requires a prerequisite of BIOL 2401 or BIOL 2403. **Student can co-enroll in courses.** BIOL 2401 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=BIOL%202401>) (in Core) or BIOL 3410 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=BIOL%203410>).

PHYS 1301 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=PHYS%201301>) has a prerequisite of MATH 1410 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=MATH%201410>) or MATH 1316 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=MATH%201316>) or

MATH 1420 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=MATH%201420>) with a grade of “C” or higher for the course. MATH 1316 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=MATH%201316>) and MATH 1410 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=MATH%201410>) satisfy the 3 hours of Math required for the Core Competency Area II.

PSYC 3331 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=PSYC%203331>) requires 3 hours of completed coursework in Psychology.

PSYC 3333 (<http://catalog.shsu.edu/archives/2020-2021/search/?P=PSYC%203333>) requires 3 hours of completed course work in Psychology and 4 hours of completed course work in Biology or permission of the instructor.

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\\_Competencies\\_for\\_Public\\_Health\\_Professionals\\_2014June.pdf](http://www.phf.org/resourcestools/Documents/Core_Competencies_for_Public_Health_Professionals_2014June.pdf)).