

BACHELOR OF SCIENCE, MAJOR IN PUBLIC HEALTH

Requirements: **Students enrolled in the BS in Public Health program must maintain a SHSU GPA of 2.75 or higher.** 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 the program areas of Health Sciences, Health Care Administration, Bilingual Health Care Studies, or another area that will allow students to enter the degree with a GPA below 2.75.**

| Code | Title | Hours |
|---|--|-------|
| Bachelor of Science in Public Health | | |
| Core Curriculum (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/) | | |
| Component Area I (Communication) | | 6 |
| Component Area II (Mathematics) ¹ | | 3 |
| Component Area III (Life and Physical Science) ² | | 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 | | 3 |
| Component Area IX (Component Area Option) ⁴ | | 4 |
| Degree Specific Requirements | | |
| BIOL 2403 | Human Anatomy & Physiology I ^{2, 5} | 4 |
| BIOL 2404 | Human Anatomy & Physiology II ⁵ | 4 |
| CHEM 1406 or CHEM 1411 | Inorganic & Envir Chemistry ² General Chemistry I | 4 |
| FACS 2362 | Nutrition ⁶ | 3 |
| KINE 2115 | Lifetime Health and Wellness ⁴ | 1 |
| MATH 1314 or MATH 1410 or MATH 1420 | Pre Calculus Algebra ¹ Elementary Functions Calculus I | 3 |
| MATH 1342 or MATH 1370 or MATH 3379 | Elementary Statistics Intro Biomedical Statistics Statistical Mthods in Practice | 3 |
| PSYC 1301 | Introduction To Psychology ³ | 3 |
| Major: Foundation | | |
| 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 ⁷ | 3 |
| HLTH 4394 | Internship Program ⁷ | 3 |
| Major: Prescribed Electives | | |
| Select 26 hours of the following (9 hours must be 3000 or 4000 level): | | 26 |
| BIOL 1401 | Environmental Science | |

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| BIOL 2420 | Intro Applied Microbiology |
| 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 4360 | Research Methods/Statistics |
| 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 |
| MCPA 4381 | Social Marketing for PR & Adv |
| 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 |
| SOCI 4338 | Social Gerontology |
| VCST 4338 | Child Abuse And Neglect |

Or other courses approved by Department

Minor. Not Required^{8,9}

Total Hours

120

¹ Satisfies Core Curriculum requirement for Component Area II (Mathematics).

² Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).

³ Satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).

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

⁵ BIOL 2401 and BIOL 2402 may be used as a transfer course for this requirement; please see SAM Center advisor for more details.

⁶ FACS 1367 may be used as a transfer course for this requirement; please see SAM Center advisor for more details.

⁷ Students must earn a grade of "C" or better in HLTH 4393 and HLTH 4394.

⁸ 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.

⁹ The following minor cannot be paired with this degree program: Minor in Health.

Notes

Students must earn a 2.0 minimum overall GPA in all coursework.

Students must meet a 2.0 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).

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 1342, MATH 1370, MATH 3379 or STAT 3379.

HLTH 3392 requires the prerequisite of HLTH 1360.

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

HLTH 4375 requires prerequisites of HLTH 1360, HLTH 3355, and 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 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 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 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).

First Year

| Fall | Hours | Spring | Hours |
|---------------------------------------|--------------|---|--------------|
| BIOL 2403 ^{1,2} | | 4 Component Area IV (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiv) | 3 |
| CHEM 1406 or 1411 ¹ | | 4 ENGL 1302 ³ | 3 |
| ENGL 1301 ³ | | 3 HIST 1301 ⁶ | 3 |
| KINE 2115 ⁴ | | 1 MATH 1342, 1370, or 3379 | 3 |
| MATH 1314, 1410, or 1420 ⁵ | | 3 | |
| | | 15 | 12 |

Second Year

| Fall | Hours | Spring | Hours |
|------------------------|--------------|---|--------------|
| BIOL 2404 ² | | 4 Component Area IX (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix) | 3 |

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|------------------------|--------------------------------------|-----------|
| HIST 1302 ⁶ | 3 FACS 2362 ⁹ | 3 |
| HLTH 1360 | 3 HLTH 2383 | 3 |
| HLTH 2391 | 3 POLS 2306 ⁷ | 3 |
| POLS 2305 ⁷ | 3 Prescribed Electives ¹⁰ | 3 |
| PSYC 1301 ⁸ | 3 | |
| | 19 | 15 |

Third Year

| Fall | Hours | Spring | Hours |
|--|-----------|---------------------------|-----------|
| Component Area V (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav) | | 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 ¹¹ | 3 |
| | 15 | | 15 |

Fourth Year

| Fall | Hours | Spring | Hours |
|------------------------------------|-----------|---------------------------------------|-----------|
| HLTH 4360 | | 3 HLTH 4394 ¹¹ | 3 |
| Prescribed Electives ¹⁰ | | 12 Prescribed Electives ¹⁰ | 11 |
| | 15 | | 14 |

Total Hours: 120

- ¹ Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).
- ² BIOL 2401 and BIOL 2402 may be used as a transfer course for this requirement; please see SAM Center advisor for more details.
- ³ Satisfies Core Curriculum requirement for Component Area I (Communications).
- ⁴ Satisfies one hour of the Core Curriculum requirement for Component Area IX (Component Area Option).
- ⁵ Satisfies Core Curriculum requirement for Component Area II (Mathematics).
- ⁶ Satisfies Core Curriculum requirement for Component Area VI U.S. History).
- ⁷ Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- ⁸ Satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).
- ⁹ FACS 1367 may be used as a transfer course for this requirement; please see SAM Center advisor for more details.
- ¹⁰ See, Prescribed Electives course listing below.
- ¹¹ Students must earn a grade of "C" or better in HLTH 4393 and HLTH 4394.

| Code | Title | Hours |
|--|-------------------------------|-------|
| Prescribed Electives¹⁰ | | |
| BIOL 1401 | Environmental Science | 4 |
| BIOL 2420 | Intro Applied Microbiology | 4 |
| ENGL 3330 | Intro to Technical Writing | 3 |
| HLTH 1366 | Lifestyle and Wellness | 3 |
| HLTH 2372 | Health & Medical Terminology | 3 |
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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).