

# BACHELOR OF SCIENCE, MAJOR IN PUBLIC HEALTH: 4+1 MPH

The accelerated Bachelor of Science in Public Health: 4+1 Master Public Health degree program option is an innovative program that allows undergraduate students to complete both Baccalaureate and Master's degrees in five rather than six years. The degree is also market driven with flexible scheduling that prepares students to enter the public health workforce in an expedited manner.

The 4+1 MPH program includes 120 credit hours for the BS degree (108 hours of undergraduate courses + 12 hours of graduate level courses) AND 30 additional hours of graduate level courses to obtain a combined BS and MPH degree. Students need to complete a minimum of 90 hours in their undergraduate program to apply for the 4+1 program. Accepted students can start taking graduate level courses in their Senior year of their undergraduate programs.

The criteria for admission into the accelerated 4+1 MPH degree program are detailed below:

- Successfully have completed a minimum of 90 hours of undergraduate courses in a degree that is complementary to the field of public health.
- Earned a GPA of 3.00 or greater in major courses.
- Complete the application requirements for the MPH program. The Admissions Application is submitted online through Apply Texas (<https://www.applytexas.org/>).
- Application Fee.
- Three letters of recommendation (from professors and/or employers).
- A written summary (minimum of 500 words) on why you seek an MPH and how you plan to use the degree.
- A resume (to include all professional, employment, and volunteer activities).
- Participate in an interview with the MPH admissions committee.

Code	Title	Hours
<b>Bachelor of Science, Major in Public Health: 4+1 MPH</b>		
<b>Core Curriculum</b>		
Component Area I (Communication)		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</sup>	4
BIOL 2404	Human Anatomy & Physiology II <sup>2</sup>	4
CHEM 1406 or CHEM 1411	Inorganic & Environmental Chemistry <sup>2</sup> General Chemistry I	4
FSCN 2362	Nutrition	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	3
PSYC 1301	Introduction To Psychology <sup>3</sup>	3
<b>Major: Foundation</b>		
HLTH 1360	The Fundamentals of Health Promotion and Health Careers	3
HLTH 2383	Multicultural Health Issues	3
HLTH 2391	Human Diseases	3
HLTH 3350	Principles of Public Health	3
HLTH 3392	Health Communication and Literacy	3
HLTH 4360	Research Methods/Statistics <sup>5</sup>	3
HLTH 4380	Global Health	3

HLTH 4387	Community Health	3
HLTH 4393	Professional Preparation for Health Careers	3
HLTH 4394	Internship Program <sup>5</sup>	3
<b>Major: Prescribed Electives</b>		
Bachelor of Science Prescribed Electives <sup>6</sup>		26
<b>4+1 MPH <sup>7</sup></b>		
HLTH 5318	Current Topics in Environmental Health	3
HLTH 5353	Epidemiology	3
HLTH 5355	Health Services Administration	3
HLTH 5361	Social and Behavioral Determinants of Public Health	3
HLTH 5376	Public Health Biostatistics	3
HLTH 6352	Public Health Grant Writing	3
HLTH 6396	Health Program Planning/ Pre-Capstone	3
HLTH 6397	Public Health Capstone / Practicum	3
<b>Required Concentration Courses</b>		
Choose one of the following Concentrations: <sup>8</sup>		12
<b>Global Health and Social Justice</b>		
HLTH 5350	Public Health and Social Justice	
HLTH 5351	Immigrant and Refugee Health	
HLTH 5380	Global Health Partnerships <sup>5</sup>	
HLTH 6365	Health Care Policy	
<b>Health Education and Promotion</b>		
HLTH 5331	Foundations of Community Health	
HLTH 5332	Human Ecology	
HLTH 5360	Communication Theory and Practice for Health Professionals	
HLTH 5374	Research Seminar	
<b>Thesis OR Prescribed Electives</b>		<b>6</b>
<b>Thesis</b>		
HLTH 6098	Thesis I	
HLTH 6099	Thesis II	
<b>MPH Prescribed Electives</b>		
Master of Public Health Prescribed Electives <sup>9</sup>		
<b>Total Hours</b>		<b>150</b>

<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> Courses listed under two requirements may only be taken once and may only fulfill one requirement.

<sup>6</sup> See BS Prescribed Electives course listing below.

<sup>7</sup> Students need to complete a minimum of 90 hours in their undergraduate program to apply for the 4+1 MPH program.

<sup>8</sup> All required Concentration courses (12 SCH) must be taken from one concentration – either Global Health and Social Justice OR Health Education and Promotion.

<sup>9</sup> See MPH Prescribed Electives course listing below.

Code	Title	Hours
<b>Undergraduate/Graduate Course Crosswalk</b>		
The undergraduate course requirements identified below are satisfied by the corresponding (row) graduate courses identified below.		
<b>Undergraduate Level Courses</b>		
HLTH 3355	United States Health Care Systems (satisfied by HLTH 5355)	3
HLTH 3360	Epidemiology (satisfied by HLTH 5353)	3
HLTH 3361	Health Planning & Evaluation (satisfied by HLTH 5361)	3
HLTH 4390	Environmental Health (satisfied by HLTH 5318)	3
<b>Graduate Level Course Replacements</b>		

HLTH 5355	Health Services Administration	3
HLTH 5353	Epidemiology	3
HLTH 5361	Social and Behavioral Determinants of Public Health	3
HLTH 5318	Current Topics in Environmental Health	3

Code	Title	Hours
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**BS Prescribed Electives** <sup>6</sup>

Select 26 hours of the following (9 hours must be 3000 or 4000 level):

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	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 4394	Internship Program	3
HLTH 4395	Special Topics in Health	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

Code	Title	Hours
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**MPH Prescribed Electives** <sup>8</sup>

Choose two courses from the appropriate Concentration Prescribed Electives course lists below:

**Global Health and Social Justice**

HLTH 5317	Case Studies in Occupational Epidemiology	3
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HLTH 5373	Risk Management in Health Care Organizations	3
HLTH 5378	Health Care Informatics	3
HLTH 5380	Global Health Partnerships <sup>5</sup>	3
HLTH 6371	Advanced Concepts in Health Care Quality	3
SCST 5335	Global Perspectives in Homeland Security	3
SOCI 5338	Sociology of Disasters	3
SOCI 5355	Seminar in Social Inequality	3
Graduate level courses in related disciplines approved by the Graduate Program Coordinator		3-6
<b>Health Education and Promotion</b>		
HLTH 5333	Colloquium in Human Sexuality	3
HLTH 5334	Colloquium in Use and Abuse of Drugs	3
HLTH 5338	Colloquium in Consumer Health Education	3
HLTH 5350	Public Health and Social Justice	3
HLTH 5351	Immigrant and Refugee Health	3
HLTH 5363	Management and Leadership for Health Professionals	3
HLTH 5365	Aging and Health Promotion	3
HLTH 5378	Health Care Informatics	3
HLTH 5380	Global Health Partnerships	3
HLTH 6365	Health Care Policy	3
SOCI 5322	Seminar In Medical Sociology	3
Graduate level courses in related disciplines approved by the Graduate Program Coordinator		3-6

**Notes**

Students must maintain a minimum GPA of 3.00 to remain in the 4+1 MPH program.

Students must earn a 2.75 minimum overall GPA in all coursework to complete the BS in Public Health degree.

Students must meet a 2.75 minimum overall major GPA in all major coursework to complete the BS in Public Health degree.

Students must earn a 2.75 minimum SHSU GPA in all coursework to complete the BS in Public Health degree.

Students must meet a 2.75 minimum SHSU major GPA in all major coursework to complete the BS in Public Health degree.

The 4+1 MPH program includes 120 credit hours for the BS degree (108 hours of undergraduate courses + 12 hours of graduate level courses) AND 30 additional hours of graduate level courses to obtain a combined BS and MPH degree.

Students need to complete a minimum of 90 hours in their undergraduate program to apply for the 4+1 program.

Accepted students can start taking graduate level courses in their Senior year of their undergraduate programs.

Students will enroll in HLTH 6396 the first semester of year four and enroll in HLTH 6397 in Spring of year five.

Thesis I and Thesis II replace the Prescribed Electives in the MPH degree plan.

Courses listed under two requirements may only be taken once and may only fulfill one requirement.

**First Year**

Fall	Hours	Spring	Hours
BIOL 2403 <sup>1</sup>		4 Component Area IV	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 HLTH 1360	3
MATH 1314, 1410, or 1420 <sup>4</sup>		3 MATH 1370	3
		<b>15</b>	<b>15</b>

**Second Year**

Fall	Hours	Spring	Hours
BIOL 2404 <sup>1</sup>		4 Component Area IX	3

HIST 1302 <sup>5</sup>	3 BS Prescribed Electives <sup>8</sup>	3
HLTH 2391	3 FSCN 2362	3
POLS 2305 <sup>6</sup>	3 HLTH 2383	3
PSYC 1301 <sup>7</sup>	3 POLS 2306 <sup>6</sup>	3
	<b>16</b>	<b>15</b>

**Third Year**

Fall	Hours	Spring	Hours	Summer	Hours
Component Area V		3 BS Prescribed Electives <sup>8</sup>		12 BS Prescribed Electives <sup>8</sup>	8
BS Prescribed Electives <sup>8</sup>		3 HLTH 4360 <sup>9</sup>		3 HLTH 4394 <sup>9</sup>	3
HLTH 3350		3 HLTH 4393		3	
HLTH 3392		3			
HLTH 4380		3			
HLTH 4387		3			
		<b>18</b>		<b>18</b>	<b>11</b>

**Fourth Year**

Fall	Hours	Spring	Hours	Summer	Hours
HLTH 5355		3 HLTH 5318		3 Concentration Course <sup>10</sup>	3
HLTH 5361		3 HLTH 5353		3 Thesis I or MPH Prescribed Electives <sup>11, 12</sup>	3
HLTH 6396		3 HLTH 5376		3	
		<b>9</b>		<b>9</b>	<b>6</b>

**Fifth Year**

Fall	Hours	Spring	Hours	Summer	Hours
Concentration Course <sup>2 10</sup>		3 Concentration Course <sup>3 10</sup>		3	
HLTH 6352		3 Concentration Course <sup>4 10</sup>		3	
Thesis II or MPH Prescribed Electives <sup>11, 12</sup>		3 HLTH 6397		3	
		<b>9</b>		<b>9</b>	

**Total Hours: 150**

- <sup>1</sup> Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).
- <sup>2</sup> Satisfies Core Curriculum requirement for Component Area I (Communication).
- <sup>3</sup> Satisfies one hour of the Core Curriculum requirement for Component Area IX (Component Area Option).
- <sup>4</sup> Satisfies Core Curriculum requirement for Component Area II (Mathematics).
- <sup>5</sup> Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
- <sup>6</sup> Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- <sup>7</sup> Satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Science).
- <sup>8</sup> See BS Prescribed Electives course listing below.
- <sup>9</sup> Courses listed under two requirements may only be taken once and may only fulfill one requirement.
- <sup>10</sup> See Concentration course listing below.
- <sup>11</sup> See MPH Prescribed Electives course listing below.
- <sup>12</sup> HLTH 6098 (Thesis I) and HLTH 6099 (Thesis II) replace the MPH Prescribed Electives in the MPH degree plan.

Code	Title	Hours
<b>Undergraduate/Graduate Course Crosswalk</b>		
The undergraduate courses identified below are being replaced by the corresponding (row) graduate courses identified below.		
<b>Undergraduate Level Courses</b>		

HLTH 3355	United States Health Care Systems	3
HLTH 3360	Epidemiology	3
HLTH 3361	Health Planning & Evaluation	3
HLTH 4390	Environmental Health	3

**Graduate Level Course Replacements**

HLTH 5355	Health Services Administration	3
HLTH 5353	Epidemiology	3
HLTH 5361	Social and Behavioral Determinants of Public Health	3
HLTH 5318	Current Topics in Environmental Health	3

Code	Title	Hours
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**BS Prescribed Electives**<sup>8</sup>

Select 26 hours of the following (9 hours must be 3000 or 4000 level):

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	3
HLTH 3390	Family Life & Sex Education	3
HLTH 4117	Practicum	1
HLTH 4360	Research Methods/Statistics <sup>9</sup>	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 4394	Internship Program <sup>9</sup>	3
HLTH 4395	Special Topics in Health	3
KINE 2330	First Aid and CPR - American Red Cross	3
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POLS 3336	The Presidency and Executives	3
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PSYC 3333	Physiological Psychology	3
PSYC 3374	Development Psychology	3
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SOCI 4334	Sociology Of Disaster	3
SOCI 4338	Social Gerontology	3
VCST 4338	Child Abuse And Neglect	3

Or other courses approved by Department

Code	Title	Hours
<b>Required Concentration Courses: Global Health and Social Justice <sup>10</sup></b>		
HLTH 5350	Public Health and Social Justice	3
HLTH 5351	Immigrant and Refugee Health	3
HLTH 5380	Global Health Partnerships <sup>9</sup>	3
HLTH 6365	Health Care Policy	3

**Total Hours** 12

Code	Title	Hours
<b>Required Concentration Courses: Health Education and Promotion <sup>10</sup></b>		
HLTH 5331	Foundations of Community Health	3
HLTH 5332	Human Ecology	3
HLTH 5360	Communication Theory and Practice for Health Professionals	3
HLTH 5374	Research Seminar	3

**Total Hours** 12

Code	Title	Hours
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**MPH Prescribed Electives <sup>11</sup>**

Choose two courses from the appropriate Concentration Prescribed Electives course lists below:

**Global Health and Social Justice**

HLTH 5317	Case Studies in Occupational Epidemiology	3
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HLTH 5378	Health Care Informatics	3
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HLTH 6371	Advanced Concepts in Health Care Quality	3
SCST 5335	Global Perspectives in Homeland Security	3
SOCI 5338	Sociology of Disasters	3
SOCI 5355	Seminar in Social Inequality	3

Graduate level courses in related disciplines approved by the Graduate Program Coordinator 3-6

**Health Education and Promotion**

HLTH 5333	Colloquium in Human Sexuality	3
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HLTH 5338	Colloquium in Consumer Health Education	3
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HLTH 5363	Management and Leadership for Health Professionals	3
HLTH 5365	Aging and Health Promotion	3
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HLTH 5380	Global Health Partnerships	3
HLTH 6365	Health Care Policy	3
SOCI 5322	Seminar In Medical Sociology	3

Graduate level courses in related disciplines approved by the Graduate Program Coordinator 3-6

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Students must meet a 2.75 minimum SHSU major GPA in all major coursework to complete the BS in Public Health degree.

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Thesis I and Thesis II replace the Prescribed Electives in the MPH degree plan.

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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: 4+1 MPH is designed to provide graduates with the following marketable skills:

- Design a population-based policy, program, project, grant, and/or intervention in the field of Public Health.
- Apply epidemiological methods to settings and situations in public health practice.
- Assess population needs, assets, and capacities that affect communities' health that employ awareness of cultural values.
- Advocate for political, social, or economic policies and programs that will improve health in diverse populations.
- Interpret results of data analysis for public health research, policy, or practice.
- Compare the organization, structure, and function of health care, public health, and regulatory systems across national and international settings.
- Communicate audience-appropriate (i.e., non-academic, non-peer audience) public health content, both in writing and through oral presentation.
- Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes.