

BACHELOR OF SCIENCE, MAJOR IN HEALTH SCIENCES

Bachelor of Science, Major in Health Sciences

Core Curriculum (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum)

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

Degree Specific Requirements (36 Credits Hours)

BIOL 1411	General Botany (Core) ¹	4
BIOL 1413	General Zoology (Core) ²	4
BIOL 2440	Introductory Cell Biology	4
CHEM 1411	General Chemistry I	4
CHEM 1412	General Chemistry II	4
CHEM 2123	Organic Chemistry I Lab	1
CHEM 2323	Organic Chemistry I: Lecture	3
HLTH 1360	Fund Hlth Promo & Hlth Careers	3
HLTH 2372	Health & Medical Terminology	3
HLTH 2383	Multicultural Health Issues ²	3
HLTH 3350	Principles of Public Health	3
HLTH 3360	Epidemiology ¹	3
HLTH 3391	Study Of Human Diseases	3
MATH 1420	Calculus I (Core) ³	4
MATH 3379	Statistical Mthods In Practice	3

Major Specific Requirements ²

Select 44 hours of Electives. Students may select no more than 20 credit hours of science and math. The rest of the electives must be from outside science and math. 44

BIOL 2401	Human Anatomy
BIOL 2402	Human Physiology
BIOL 3450	Introductory Genetics
BIOL 3470	General Microbiology
CHEM 2125	Organic Chemistry II: Lab
CHEM 2325	Organic Chemistry II: Lecture
CHEM 3438	Biochemistry I
COMS 3372	Interpersonal Health Comm
ENGL 3330	Intro To Technical Writing (WE)
FACS 2362	Nutrition
FORS 3331	Foundations of Applied Anthro
FORS 3420	Hum Osteol Analys of Hum Bone
HLTH 3355	Principles US Health Care Sys
HLTH 3380	Drug Use and Abuse
HLTH 4380	Global Health
HLTH 4387	Community Health
HLTH 4390	Environmental Health
KINE 3362	Functional Kinesiology
KINE 3373	Physiology Of Exercise
PHYS 1101	General Physics Laboratory I

PHYS 1102	General Physics Laboratory II
PHYS 1301	General Phy-Mechanics & Heat
PHYS 1302	Gen Phy-Snd,Lght, Elec, & Mag
PSYC 3331	Abnormal Psychology
PSYC 3333	Physiological Psychology
PSYC 3374	Development Psychology
PSYC 3385	Health Psychology
SOCI 1301	Principles Of Sociology
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Total Hours	120

- ¹ Satisfies Component Area III.
- ² Satisfies Component Area VIII.
- ³ Satisfies Component Area II and one hour of Component Area IX.
- ⁴ Select 45 hours of track specific requirements not to exceed 20 combined credit hours of Biology, Chemistry, Physics, or Math/Statistics course credit. Must complete 42 credit hours of advanced credit (3000-4000), 18 credit hours of writing enhanced course work and 24 credit hours must be in residency.

Notes

HLTH 3360 requires a prerequisite of MATH 3379 or STAT 3379.

ENGL 1301 and ENGL 1302 are prerequisites for ENGL 3330 and satisfies Core Component Area I.

FACS 2362 requires a prerequisite of BIOL 2401.

BIOL 3470 requires the prerequisite of BIOL 1411, BIOL 1413, BIOL 2440, CHEM 1412. BIOL 1411 and BIOL 1413 satisfy 4 to 8 hours in Core Component Area III.

HLTH 3350, HLTH 4380, HLTH 4387, HLTH 4390, and KINE 3375 require Junior Standing.

MATH 1410 or MATH 1316 or MATH 1420 are prerequisites for PHYS 1301 and PHYS 1101 and satisfy Core Component Area II. A grade of "C" or higher is required for courses.

KINE 3362 requires a prerequisite of BIOL 2401 (in Core) or BIOL 3410.

First Year

Fall	Hours Spring	Hours
ENGL 1301 ¹	3 ENGL 1302 ¹	3
HIST 1301 ²	3 HIST 1302 ²	3
BIOL 1411 ³	4 BIOL 1413 ³	4
CHEM 1411	4 MATH 1420 ⁴	4
HLTH 1360	3 HLTH 2372	3
	17	17

Second Year

Fall	Hours Spring	Hours
HLTH 2383 ⁵	3 CHEM 2123 & CHEM 2323	4
POLS 2305 ⁶	3 Prescribed Electives	7
Component Area IX (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)	3 Component Area V (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav)	3
CHEM 1412	4	
MATH 3379	3	
	16	14

Third Year

Fall	Hours Spring	Hours
POLS 2306 ⁶	3 HLTH 3391	3

BIOL 2440	4 Component Area IV (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiv)	3
HLTH 3350	3 Prescribed Electives	9
Prescribed Elective	3	
	13	15

Fourth Year

Fall	Hours Spring	Hours
HLTH 3360	3 Prescribed Electives	12
Prescribed Electives	13	
	16	12

Total Hours: 120

- 1 Satisfies Component Area I.
- 2 Satisfies Component Area VI.
- 3 Satisfies Component Area III.
- 4 Satisfies Component Area II.
- 5 Satisfies Component Area VIII.
- 6 Satisfies Component Area VII.