

BACHELOR OF SCIENCE (B.S.) MAJOR IN HEALTH SCIENCES (PRE-MEDICAL CONCENTRATION)

**Minimum required: 122
semester credit hours**

General Requirements

1. The general education core curriculum courses are listed in the degree plan below along with the statewide component code number. See the General Education Core Curriculum (<http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/>) section of this catalog for the Texas State requirements and options in the core curriculum, including Honors courses.
2. Students must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
3. Nine hours of writing intensive (WI) courses are required for graduation.
4. Any student who did not complete at least two years of the same foreign language in high school is required to take 6-8 hours of the same foreign language.
5. A minor in Biology is required. Additionally, students must complete BIO 3421 or 3426 as part of their required Biology electives.

Course Requirements

		Freshman	
	First Semester Hours	Second Semester Hours	
ENG 1310 (Communication Component Code 010 [TCCN ENGL 1301])	3	Communication Component Code 10	3
Mathematics Component Code 020	3	PSY 1300 (Social and Behavioral Sciences Component Code 080 [TCCN PSYC 2301])	3
Choose 1 of the following:		BIO 1331 (Life and Physical Sciences Component Code 030 [TCCN BIOL 1307])	3
MATH 1315 (TCCN MATH 1314)		BIO 1131 (TCCN BIOL 1107, [taken with BIOL 1307])	1
MATH 1319 (TCCN MATH 1324)		CHEM 1342 (TCCN CHEM 1312)	3
MATH 1329 (TCCN MATH 1325)		CHEM 1142 (TCCN CHEM 1112)	1
MATH 2321 (TCCN MATH 2313)			
MATH 2417 (TCCN MATH 2412)			
MATH 2471 (TCCN MATH 2413)			

BIO 1330 (Life and Physical Sciences Component Code 030 [TCCN BIOL 1306])	3		
BIO 1130 (TCCN BIOL 1106, [taken with TCCN BIOL 1306])	1		
CHEM 1341 (TCCN CHEM 1311)	3		
CHEM 1141 (TCCN CHEM 1111)	1		
US 1100	1		
	15		14

		Sophomore	
	First Semester Hours	Second Semester Hours	
ECO 2301, 2314, or 2315 (TCCN ECON 1301, ECON 2302, or ECON 2301)	3	American History Component Code 060	3
American History Component Code 060	3	Component Area Option Code 090	3
Component Area Option Code 090	3	CS 1308 or CIS 1323 (TCCN COSC 1301 or BCIS 1305)	3
BIO 2450 (TCCN BIOL 2416)	4	BIO 2400 (TCCN BIOL 2421)	4
CHEM 2341 (TCCN CHEM 2323)	3	CHEM 2342 (TCCN CHEM 2325)	3
CHEM 2141 (TCCN CHEM 2123)	1	CHEM 2142 (TCCN CHEM 2125)	1
	17		17

		Junior	
	First Semester Hours	Second Semester Hours	
HA 3308	3	HS 3374	3
PSY 3300 (TCCN PSYC 2314)	3	HA 3324	3
CHEM 4375	3	BIO Minor Advanced Elective	3
POSI 2310 (Government/Political Science Component Code 070 [TCCN GOVT 2306])	3	PHIL 1320 (Language, Philosophy, and Culture Component Code 040 [TCCN PHIL 2306])	3
Creative Arts Component Code 050 [HUMA 1315]	3	HIM 2360	3
	15		15

		Senior	
	First Semester Hours	Second Semester Hours	
HS 4327	3	HS 4379	3
PHYS 1315 (TCCN PHYS 1301)	3	PHYS 1325 (TCCN PHYS 1302)	3
PHYS 1115 (TCCN PHYS 1101)	1	PHYS 1125 (TCCN PHYS 1102)	1
BIO 3421 or 3426	4	BIO Advanced Elective ¹	2
NUTR 2360 (TCCN BIOL 1322)	3	MATH 2328 (TCCN MATH 1342)	3

POSI 2320 (Government/ Political Science Component Code 070 [TCCN GOVT 2305])	3
14	15

Total Hours: 122

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BIO Advanced Electives may not include: BIO 4299 (<http://mycatalog.txstate.edu/search/?P=BIO%204299>), BIO 4305 (<http://mycatalog.txstate.edu/search/?P=BIO%204305>), BIO 4402 (<http://mycatalog.txstate.edu/search/?P=BIO%204402>), BIO 4403 (<http://mycatalog.txstate.edu/search/?P=BIO%204403>), or BIO 4408 (<http://mycatalog.txstate.edu/search/?P=BIO%204408>).