

Health Science (B.S.H.S) – Pre-Med

2024-2025 Academic Catalog, Bachelor of Science in Health Science – Health Science, Pre-Med Concentration

Academic Core for B.S.H.S.		40 Hours	Health Science - Pre-Med		83 Hours
CHRISTIAN STUDIES		6	HEALTH SCIENCE FOUNDATION		16
CSBS 1311	Engaging the Old Testament	3	EXSS 2335	Introduction to Health Sciences	3
CSBS 1312	Engaging the New Testament	3	BIOL 2340	Human Anatomy & Physiology I	3
ENGLISH		9	BIOL 2140	Human Anatomy & Physiology I Lab	1
ENGL 1321	Rhetoric & Composition I	3	EXSS 2353	Lifespan Nutrition	-
ENGL 1322	Rhetoric & Composition II	3	EXSS 3390	Anatomical Kinesiology	3
ENGL	Literature	3	EXSS 3395	Physiology of Exercise	3
<i>A grade of a "C" or higher is required in ENGL 1321 and ENGL 1322.</i>			EXSS 4344	Leadership in Health Science	3
EXERCISE & SPORT SCIENCE		2	PSYC 1301	General Psychology	-
	Select one:			Select one:	
EXSS 3107	Advanced Cardiovascular Training	1	EXSS 3107	Advanced Cardiovascular Training	-
EXAC 4120	Marathon and Half-Marathon Training	1	EXAC 4120	Marathon and Half-Marathon Training	-
	Select one:			Select one:	
EXSS 3135	Advanced Resistance Training	1	EXSS 3135	Advanced Resistance Training	-
EXAC 3120	Crossfit	1	EXAC 3120	Crossfit	-
<i>A grade of "C" or higher is required in this section</i>			<i>The hours for EXSS 2353, PSYC 1301, EXSS 3107/4120, and EXSS 3135/3120 are already accounted for in the Academic Core.</i>		
FINE ARTS – SELECT ONE		3	HEALTH SCIENCE MAJOR		16
ARTS 1350	Art Appreciation	3	EXSS 2345	Human Anatomy	3
COMM 2335	Film Appreciation	3	EXSS 2355	Medical Terminology	3
FINA 2330	Exploring the Fine Arts	3	EXSS 3357	Pharmacology	3
MUSI 1340	Music Appreciation	3	EXSS 3396	Physiology of Exercise II	3
THEA 2350	Theatre Appreciation	3	EXSS 4360	Pathophysiology of Chronic Disease	3
WORLD CULTURES		3	EXSS 4103	Seminar in Health Sciences	1
EXSS 2353	Lifespan Nutrition	3	EXSS 4050	Health Science Assessment	0
LAB SCIENCE		4	PRE-MED CONCENTRATION		51
BIOL 2141	Human Anatomy & Physiology II Lab	1	BIOL 1150	Biology for Science Majors Lab	1
BIOL 2341	Human Anatomy & Physiology II	3	BIOL 1350	Biology for Science Majors	3
PUBLIC SPEAKING		3	BIOL 1160	Biology for Science Majors II Lab	1
COMM 1320	Public Speaking	3	BIOL 1360	Biology for Science Majors II	3
MATHEMATICS		3	BIOL 3310	Genetics	3
MATH 1306	College Algebra	3	BIOL 3175	Human Physiology Lab	1
SOCIAL SCIENCE		3	BIOL 3375	Human Physiology	3
PSYC 1301	General Psychology	3	CHEM 1410	General Chemistry I	4
US HISTORY OR US GOVERNMENT – SELECT ONE		3	CHEM 1420	General Chemistry II	4
HIST 2311	American History to 1877	3	CHEM 3410	Organic Chemistry I	4
HIST 2312	American History since 1877	3	CHEM 3420	Organic Chemistry II	4
POLS 2305	United States Government	3	CHEM 4430	Biochemistry	4
POLS 2306	Texas State and Local Government	3	EXSS 3170	Health Science Clinical I	1
FRESHMAN SEMINAR		1	EXSS 4170	Health Science Clinical II	1
UMHB 1101	Freshman Seminar	1	MATH 1320	Pre Calculus	3
CHAPEL – 1 to 4 credits			MATH 2303	Statistics	3
UMHB 1002	Chapel		PHYS 2411	General Physics I	4
Fine Arts Experience – 2 to 8 credits			PHYS 2412	General Physics II	4
UMHB 1005	Fine Arts Experience		<i>Grades of "C" or better are required in all courses in the Pre-Med major (including required support courses and required courses from other departments.)</i>		
			<i>Minimum cumulative GPA of 3.2.</i>		
			Total Hours		
			Academic Core for B.S.H.S. Health Science		40
			Health Science Foundation		16
			Health Science Major		16
			Pre-Med Concentration		51
			Total hours required for graduation		123
			Additional Graduation Requirements		
			Minimum Upper Level hours		36
			Minimum hours taken at UMHB		30
			Minimum Upper Level hours taken at UMHB		24
			Minimum cumulative GPA		3.20