

# Health Science (B.S.H.S) – Pre-PA

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

<b>Academic Core for B.S.H.S.</b>		<b>40 Hours</b>	<b>Health Science - Pre-PA</b>	<b>75 Hours</b>
<b>CHRISTIAN STUDIES</b>		<b>6</b>	<b>HEALTH SCIENCE FOUNDATION</b>	
CSBS 1311	Engaging the Old Testament	3	EXSS 2335	Introduction to Health Sciences
CSBS 1312	Engaging the New Testament	3	BIOL 2340	Human Anatomy & Physiology I
<b>ENGLISH</b>		<b>9</b>	BIOL 2140	Human Anatomy & Physiology I Lab
ENGL 1321	Rhetoric & Composition I	3	EXSS 2353	Lifespan Nutrition
ENGL 1322	Rhetoric & Composition II	3	EXSS 3390	Anatomical Kinesiology
ENGL	Literature	3	EXSS 3395	Physiology of Exercise
<i>A grade of a "C" or higher is required in ENGL 1321 and ENGL 1322.</i>			EXSS 4344	Leadership in Health Science
<b>EXERCISE &amp; SPORT SCIENCE</b>		<b>2</b>	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>	
<b>FINE ARTS – SELECT ONE</b>		<b>3</b>	<b>HEALTH SCIENCE MAJOR</b>	
ARTS 1350	Art Appreciation	3	EXSS 2345	Human Anatomy
COMM 2335	Film Appreciation	3	EXSS 2355	Medical Terminology
FINA 2330	Exploring the Fine Arts	3	EXSS 3357	Pharmacology
MUSI 1340	Music Appreciation	3	EXSS 3396	Physiology of Exercise II
THEA 2350	Theatre Appreciation	3	EXSS 4360	Pathophysiology of Chronic Disease
<b>WORLD CULTURES</b>		<b>3</b>	EXSS 4103	Seminar in Health Sciences
EXSS 2353	Lifespan Nutrition	3	EXSS 4050	Health Science Assessment
<b>LAB SCIENCE</b>		<b>4</b>	<b>PRE-PA CONCENTRATION</b>	
BIOL 2141	Human Anatomy & Physiology II Lab	1	EXSS 3170	Health Science Clinical I
BIOL 2341	Human Anatomy & Physiology II	3	EXSS 4170	Health Science Clinical II
<b>PUBLIC SPEAKING</b>		<b>3</b>	BIOL 1150	Biology for Science Majors Lab
COMM 1320	Public Speaking	3	BIOL 1350	Biology for Science Majors
<b>MATHEMATICS</b>		<b>3</b>	BIOL 1160	Biology for Science Majors II Lab
MATH 1306	College Algebra	3	BIOL 1360	Biology for Science Majors II
<b>SOCIAL SCIENCE</b>		<b>3</b>	BIOL 2180	Microbiology Lab
PSYC 1301	General Psychology	3	BIOL 2380	Microbiology
<b>US HISTORY OR US GOVERNMENT – SELECT ONE</b>		<b>3</b>	BIO 3310	Genetics
HIST 2311	American History to 1877	3	BIOL 4105	Cell Biology Lab
HIST 2312	American History since 1877	3	BIOL 4305	Cell Biology
POLS 2305	United States Government	3	CHEM 1410	General Chemistry I
POLS 2306	Texas State and Local Government	3	CHEM 1420	General Chemistry II
<b>FRESHMAN SEMINAR</b>		<b>1</b>	CHEM 3410	Organic Chemistry I
UMHB 1101	Freshman Seminar	1	CHEM 4430	Biochemistry
<b>CHAPEL – 1 to 4 credits</b>			MATH 2303	Statistics
UMHB 1002	Chapel		PSYC 2311	Developmental Psychology
<b>Fine Arts Experience – 2 to 8 credits</b>				or
UMHB 1005	Fine Arts Experience		PSYC 3315	Abnormal Psychology

## Electives 5 Hours

### ELECTIVES 5

You need 5 additional hours to reach your minimum 120 required hrs.

### Total Hours

Academic Core for B.S.H.S. Health Science	40
Health Science Foundation	16
Health Science Major	16
Pre-PA Concentration	43
Electives	5
<b>Total hours required for graduation</b>	<b>120</b>

### 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