

# Biology (B.S.) – Pre-Physician Assistant – Study Abroad

2023-2024 Academic Catalog, Bachelor of Science – Biology, Pre-Physician Assistant, Global Emphasis: Study Abroad

<b>Academic Core for B.S.</b>		<b>49 Hours</b>	<b>Biology – Pre-PA</b>		<b>57 Hours</b>
<b>CHRISTIAN STUDIES</b>		<b>6</b>	<b>B.S. BIOLOGY MAJOR REQUIRED COURSES – PRE-PA</b>		<b>36</b>
CSBS 1311	Engaging the Old Testament	3	BIOL 1090	Freshman Evaluation ( <i>Freshman Only</i> )	0
CSBS 1312	Engaging the New Testament	3	BIOL 1350	Biology for Science Majors I	3
<b>ENGLISH</b>		<b>9</b>	BIOL 1150	Biology for Science Majors I Lab	1
ENGL 1321	Rhetoric & Composition I	3	BIOL 1360	Biology for Science Majors II	3
ENGL 1322	Rhetoric & Composition II	3	BIOL 1160	Biology for Science Majors II Lab	1
ENGL	Literature	3	BIOL 3310	Genetics	3
<i>A grade of a "C" or higher is required in ENGL 1321 and ENGL 1322.</i>			BIOL 3110	Genetics Lab	1
<b>EXERCISE &amp; SPORT SCIENCE – SELECT TWO DIFFERENT COURSES</b>		<b>2</b>	BIOL 4090	Senior Evaluation	0
EXAC	Activity Course	1	BIOL 4194	Capstone Writing	1
EXAC	Activity Course	1	BIOL 4295	Capstone Seminar	2
<b>FINE ARTS – SELECT ONE</b>		<b>3</b>	BIOL 4370	Applied Ecology	3
ARTS 1350	Art Appreciation	3	BIOL 4170	Applied Ecology Lab	1
COMM 2335	Film Appreciation	3	<b>Physiology Electives</b>		
FINA 2330	Exploring the Fine Arts	3	BIOL 2380	Microbiology	3
MUSI 1340	Music Appreciation	3	BIOL 2180	Microbiology Lab	1
THEA 2350	Introduction to the Theatre	3	BIOL 2340	Human Anatomy & Physiology	3
<b>WORLD CULTURES – SELECT ONE</b>		<b>3</b>	BIOL 2140	Human Anatomy & Physiology Lab	1
ARTS 2354	World Art	3	BIOL 3340	Immunology	3
EXSS 2353	Lifespan Nutrition	3	<b>Biology Electives</b>		
GLBL 2310	Cultural Immersion	3	BIOL	Biology Upper Level with Lab	4
HIST 1311	History of World Civilizations to 1500	3	BIOL	Biology Electives	2
HIST 1312	History of World Civilizations since 1500	3	<i>No grade lower than a "C" will count toward fulfillment of Biology major requirements.</i>		
MUSI 2358	World Music	3	<b>REQUIRED COURSES FOR PRE-PA</b>		<b>21</b>
PHIL 2315	Introduction to Philosophy	3	BIOL 2341	Human Anatomy & Physiology II	3
<b>LAB SCIENCE</b>		<b>8</b>	BIOL 2141	Human Anatomy & Physiology II Lab	1
CHEM 1410	General Chemistry I	4	CHEM 3410	Organic Chemistry I	4
CHEM 1420	General Chemistry II	4	CHEM 4430	Biochemistry	4
<b>PUBLIC SPEAKING</b>		<b>3</b>	EXSS 2355	Medical Terminology	3
COMM 1320	Public Speaking	3	MATH 1306	College Algebra	3
<b>MATHEMATICS</b>		<b>3</b>	PSYC 2311	Developmental Psychology	3
MATH 2303	Statistics	3		or	
<b>RESEARCH METHODS OR INTERNSHIP</b>		<b>2</b>	PSYC 3315	Abnormal Psychology	3
BIOL 2170	Research Methods	1	<b>Electives</b>		<b>14 Hours</b>
BIOL 2171	Research Methods	1	<b>UPPER LEVEL ELECTIVES</b>		<b>10</b>
<b>SOCIAL SCIENCE</b>		<b>3</b>	You need 10 additional hours to reach your minimum 36 UL required hrs.		
PSYC 1301	General Psychology	3	<b>ELECTIVES</b>		<b>4</b>
<b>US HISTORY OR US GOVERNMENT – SELECT ONE</b>		<b>3</b>	You need 4 additional hours to reach your minimum 36 UL required hrs.		
HIST 2311	American History to 1877	3	<b>Total Hours</b>		
HIST 2312	American History since 1877	3	Academic Core for B.S.	46	
POLS 2305	United States Government	3	Global Emphasis –Study Abroad	3	
POLS 2306	Texas State and Local Government	3	B.S. Biology Major Required Courses	36	
<b>FRESHMAN SEMINAR</b>		<b>1</b>	Required Courses for Pre-PA	21	
UMHB 1101	Freshman Seminar	1	Upper Level Electives	10	
<b>GLOBAL EMPHASIS – STUDY ABROAD</b>		<b>3</b>	Electives	4	
	Study Abroad	3	<b>Total hours required for graduation</b>	<b>120</b>	
<b>CHAPEL – 1 to 4 credits</b>			<b>Additional Graduation Requirements</b>		
UMHB 1002	Chapel		Minimum Upper Level hours	36	
<b>Fine Arts Experience – 2 to 8 credits</b>			Minimum hours taken at UMHB	30	
UMHB 1005	Fine Arts Experience		Minimum Upper Level hours taken at UMHB	24	
			Minimum cumulative GPA	2.0	