Biology (B.S.) — Pre-Clinical Lab Science — Foreign Language 2023-2024 Academic Catalog, Bachelor of Science — Biology, Pre-Clinical Lab Science, Global Emphasis: Foreign Language

	Core for B.S. 5	4 Hours	Didlogy F	re-Clinical Lab Science	47 Hour
CHRISTIAN STUD	DIES	6	B.S. BIOLOGY	MAJOR REQUIRED COURSES – PRE-CLS	\$
CSBS 1311	Engaging the Old Testament	3	BIOL 1090	Freshman Evaluation (Freshman Only)	
CSBS 1312	Engaging the New Testament	3	BIOL 1350	Biology for Science Majors I	
			BIOL 1150	Biology for Science Majors I Lab	
ENGLISH		9	BIOL 1360	Biology for Science Majors II	
ENGL 1321	Rhetoric & Composition I	3	BIOL 1160	Biology for Science Majors II Lab	
ENGL 1322	Rhetoric & Composition II	3	BIOL 3310	Genetics	
ENGL	Literature	3	BIOL 3110	Genetics Lab	
A grade of a "C"	or higher is required in ENGL 1321 and ENGL 1322	2.	BIOL 4090	Senior Evaluation	
			BIOL 4194	Capstone Writing	
EXERCISE & SPO	ORT SCIENCE - SELECT TWO DIFFERENT COURSES	2	BIOL 4295	Capstone Seminar	
EXAC	Activity Course	1	BIOL 4370	Applied Ecology	
EXAC	Activity Course	1	BIOL 4170	Applied Ecology Lab	
INE ARTS — SEI	LECT ONE	3	Physiology Elec	tives	
ARTS 1350	Art Appreciation	3	BIOL 2380	Microbiology	
	**		BIOL 2180	Microbiology Lab	
COMM 2335	Film Appreciation	3			
FINA 2330	Exploring the Fine Arts	3	Biology Elective	25	
MUSI 1340	Music Appreciation	3	BIOL	Biology Upper Level with Lab	
THEA 2350	Introduction to the Theatre	3	BIOL	Any Biology with Lab	
			BIOL 3340	Immunology	
WORLD CULT	URES – SELECT ONE	3	BIOL 3340	Biology Electives	
ARTS 2354	World Art	3		nan a "C" will count toward fulfillment of Biology m	aior reavirema
EXSS 2353	Lifespan Nutrition	3	No grade lower ti	iana e wiii coant towara jaijiinnent oj biology m	ajor requirerne
GLBL 2310	Cultural Immersion	3	REQUIRED CO	URSES FOR PRE-CLINICAL LAB SCIENCE	:
HIST 1311	History of World Civilizations to 1500	3	CHEM 3410	Organic Chemistry I	
HIST 1312	History of World Civilizations since 1500	3	CHEM 3400	Quantitative Analysis	
MUSI 2358	World Music	3	0.12.11.0.100	or	
PHIL 2315	Introduction to Philosophy	3	CHEM 4430	Biochemistry	
	1 ,		MATH 1306	College Algebra	
AB SCIENCE		8	WATTI 1300	collège Algebra	
CHEM 1410	General Chemistry I	4			
CHEM 1420	General Chemistry II	4	Electives		19 Hour
PUBLICSPEAKIN	NG.	3	UPPER LEVEL	FLECTIVES	1
COMM 1320	Public Speaking	3		Iditional hours to reach your minimum 36 U	
COIVIIVI 1320	rubiic speaking	5		iditional flours to reach your minimum 50 0	e required m
MATHEMATICS		3	ELECTIVES		
MATH 2303	Statistics	3	You need 9 add	litional hours to reach your minimum 36 UL	required hrs.
RESEARCH MET	HODS OR INTERNSHIP	2	_		
BIOL 2170	Research Methods	1	Total Hours		
DIOLZIIO	Research Methods	1	Academic Core	for B.S.	4
			Global Emphas	is – Foreign Language	
	nescar sir means as				
BIOL 2171	CE – SELECT ONE	3	B.S. Biology Ma	jor Required Courses	3
BIOL 2171 Social Science		3			
BIOL 2171 SOCIAL SCIENC BECO 2310	CE – SELECT ONE			jor Required Courses les for Pre-Clinical Lab Science	1
BIOL 2171 SOCIAL SCIENCE BECO 2310 PSYC 1301	CE – SELECT ONE Principles of Economics	3	Required Cours Upper Level Ele Electives	jor Required Courses les for Pre-Clinical Lab Science ectives	1 1
BIOL 2171 SOCIAL SCIENC BECO 2310 PSYC 1301 PSYC 2399	CE – SELECT ONE Principles of Economics General Psychology	3	Required Cours Upper Level Ele Electives	jor Required Courses les for Pre-Clinical Lab Science	1 1
GOCIAL SCIENT GOCIAL SCIENT BECO 2310 PSYC 1301 PSYC 2399 GOCI 1311	CE – SELECT ONE Principles of Economics General Psychology Child and Adolescent Development	3 3 3	Required Cours Upper Level Ele Electives Total hours rec	jor Required Courses les for Pre-Clinical Lab Science ectives uired for graduation	1
BIOL 2171 BECO 2310 PSYC 1301 PSYC 2399 BOCI 1311 BOCW 2311	Principles of Economics General Psychology Child and Adolescent Development Introduction to Sociology Introduction to Social Work	3 3 3 3 3	Required Cours Upper Level Ele Electives Total hours rec Additional Grace	jor Required Courses les for Pre-Clinical Lab Science lectives uired for graduation duation Requirements	12
BIOL 2171 SOCIAL SCIENCE BECO 2310 PSYC 1301 PSYC 2399 SOCI 1311 SOCW 2311 US HISTORY O	Principles of Economics General Psychology Child and Adolescent Development Introduction to Sociology Introduction to Social Work OR US GOVERNMENT – SELECT ONE	3 3 3 3 3	Required Cours Upper Level Ele Electives Total hours rec Additional Grac Minimum Uppo	jor Required Courses les for Pre-Clinical Lab Science lectives uired for graduation duation Requirements let Level hours	1 1 12
BIOL 2171 SOCIAL SCIENCE BECO 2310 PSYC 1301 PSYC 2399 SOCI 1311 SOCW 2311 US HISTORY O	Principles of Economics General Psychology Child and Adolescent Development Introduction to Sociology Introduction to Social Work OR US GOVERNMENT – SELECT ONE American History to 1877	3 3 3 3 3 3	Required Cours Upper Level Ele Electives Total hours rec Additional Grac Minimum Uppo	jor Required Courses les for Pre-Clinical Lab Science lectives uired for graduation duation Requirements let Level hours staken at UMHB	12 12 3 3
BIOL 2171 SOCIAL SCIENCE BECO 2310 PSYC 1301 PSYC 2399 SOCI 1311 SOCW 2311 US HISTORY O HIST 2311 HIST 2312	Principles of Economics General Psychology Child and Adolescent Development Introduction to Sociology Introduction to Social Work OR US GOVERNMENT — SELECT ONE American History to 1877 American History since 1877	3 3 3 3 3 3	Required Cours Upper Level Ele Electives Total hours rec Additional Grac Minimum Uppo Minimum Hour Minimum Uppo	jor Required Courses les for Pre-Clinical Lab Science lectives uired for graduation duation Requirements ler Level hours les taken at UMHB er Level hours taken at UMHB	12 13 3 3 3 2
BIOL 2171 SOCIAL SCIENCE BECO 2310 PSYC 1301 PSYC 2399 SOCI 1311 SOCW 2311 US HISTORY O HIST 2311 HIST 2312 POLS 2305	Principles of Economics General Psychology Child and Adolescent Development Introduction to Sociology Introduction to Social Work OR US GOVERNMENT – SELECT ONE American History to 1877 American History since 1877 United States Government	3 3 3 3 3 3 3	Required Cours Upper Level Ele Electives Total hours rec Additional Grac Minimum Uppo	jor Required Courses les for Pre-Clinical Lab Science lectives uired for graduation duation Requirements ler Level hours les taken at UMHB er Level hours taken at UMHB	12 12 3 3
SIOL 2171 SOCIAL SCIENCE SECO 2310 PSYC 1301 PSYC 2399 SOCI 1311 SOCW 2311 SIST ESTORY OF HIST 2311 HIST 2312 POLS 2305	Principles of Economics General Psychology Child and Adolescent Development Introduction to Sociology Introduction to Social Work OR US GOVERNMENT — SELECT ONE American History to 1877 American History since 1877	3 3 3 3 3 3	Required Cours Upper Level Ele Electives Total hours rec Additional Grac Minimum Uppo Minimum Hour Minimum Uppo	jor Required Courses les for Pre-Clinical Lab Science lectives uired for graduation duation Requirements ler Level hours les taken at UMHB er Level hours taken at UMHB	1:
BIOL 2171 SOCIAL SCIENCE BECO 2310 PSYC 1301 PSYC 2399 SOCI 1311 SOCW 2311 US HISTORY O HIST 2311 HIST 2312 POLS 2305 POLS 2306	Principles of Economics General Psychology Child and Adolescent Development Introduction to Sociology Introduction to Social Work PR US GOVERNMENT – SELECT ONE American History to 1877 American History since 1877 United States Government Texas State and Local Government	3 3 3 3 3 3 3 3 3	Required Cours Upper Level Ele Electives Total hours rec Additional Grac Minimum Uppo Minimum Hour Minimum Uppo	jor Required Courses les for Pre-Clinical Lab Science lectives uired for graduation duation Requirements ler Level hours les taken at UMHB er Level hours taken at UMHB	12
BIOL 2171 SOCIAL SCIENCE BECO 2310 PSYC 1301 PSYC 2399 SOCI 1311 SOCW 2311 US HISTORY O HIST 2311 HIST 2312 POLS 2305 POLS 2306 FRESHIMAN SEM	Principles of Economics General Psychology Child and Adolescent Development Introduction to Sociology Introduction to Social Work PR US GOVERNMENT – SELECT ONE American History to 1877 American History since 1877 United States Government Texas State and Local Government	3 3 3 3 3 3 3 3	Required Cours Upper Level Ele Electives Total hours rec Additional Grac Minimum Uppo Minimum Hour Minimum Uppo	jor Required Courses les for Pre-Clinical Lab Science lectives uired for graduation duation Requirements ler Level hours les taken at UMHB er Level hours taken at UMHB	12 12 3 3 2
BIOL 2171 SOCIAL SCIENCE BECO 2310 PSYC 1301 PSYC 2399 SOCI 1311 SOCW 2311 US HISTORY O HIST 2311 HIST 2312 POLS 2305 POLS 2306 FRESHMAN SEN UMHB 1101 GLOBAL EMPH	Principles of Economics General Psychology Child and Adolescent Development Introduction to Sociology Introduction to Social Work PR US GOVERNMENT – SELECT ONE American History to 1877 American History since 1877 United States Government Texas State and Local Government	3 3 3 3 3 3 3 3 4 1 1	Required Cours Upper Level Ele Electives Total hours rec Additional Grac Minimum Uppo Minimum Hour Minimum Uppo	jor Required Courses les for Pre-Clinical Lab Science lectives uired for graduation duation Requirements ler Level hours les taken at UMHB er Level hours taken at UMHB	12 12 3 3 2
BIOL 2171 SOCIAL SCIENCE BECO 2310 PSYC 1301 PSYC 2399 SOCI 1311 SOCW 2311 US HISTORY O HIST 2311 HIST 2312 POLS 2305 POLS 2306 FRESHMAN SEN UMHB 1101 GLOBAL EMPH	Principles of Economics General Psychology Child and Adolescent Development Introduction to Sociology Introduction to Social Work PR US GOVERNMENT – SELECT ONE American History to 1877 American History since 1877 United States Government Texas State and Local Government MINAR Freshman Seminar HASIS – FOREIGN LANGUAGE 2 semesters or the equivalent) in one language	3 3 3 3 3 3 3 3 4 1 1	Required Cours Upper Level Ele Electives Total hours rec Additional Grac Minimum Uppo Minimum Hour Minimum Uppo	jor Required Courses les for Pre-Clinical Lab Science lectives uired for graduation duation Requirements ler Level hours les taken at UMHB er Level hours taken at UMHB	12 12 3 3 3 2
SOCIAL SCIENCE BECO 2310 PSYC 1301 PSYC 2399 SOCI 1311 SOCW 2311 US HISTORY O HIST 2311 HIST 2312 POLS 2305 POLS 2306 FRESHMAN SEM UMHB 1101 GLOBAL EMPH B credit hours (2004)	Principles of Economics General Psychology Child and Adolescent Development Introduction to Sociology Introduction to Social Work PR US GOVERNMENT – SELECT ONE American History to 1877 American History since 1877 United States Government Texas State and Local Government MINAR Freshman Seminar HASIS – FOREIGN LANGUAGE 2 semesters or the equivalent) in one language	3 3 3 3 3 3 3 3 4 1 1	Required Cours Upper Level Ele Electives Total hours rec Additional Grac Minimum Uppo Minimum Hour Minimum Uppo	jor Required Courses les for Pre-Clinical Lab Science lectives uired for graduation duation Requirements ler Level hours les taken at UMHB er Level hours taken at UMHB	12 12 3 3 3 2
BIOL 2171 SOCIAL SCIENCE BECO 2310 PSYC 1301 PSYC 2399 SOCI 1311 SOCW 2311 US HISTORY O HIST 2311 HIST 2312 POLS 2305 POLS 2306 FRESHMAN SEN UMHB 1101 GLOBAL EMPH B credit hours (2) CHAPEL—1 to 44 UMHB 1002	Principles of Economics General Psychology Child and Adolescent Development Introduction to Sociology Introduction to Social Work PR US GOVERNMENT – SELECT ONE American History to 1877 American History since 1877 United States Government Texas State and Local Government MINAR Freshman Seminar HASIS – FOREIGN LANGUAGE 2 semesters or the equivalent) in one language credits	3 3 3 3 3 3 3 3 4 1 1	Required Cours Upper Level Ele Electives Total hours rec Additional Grac Minimum Uppo Minimum Hour Minimum Uppo	jor Required Courses les for Pre-Clinical Lab Science lectives uired for graduation duation Requirements ler Level hours les taken at UMHB er Level hours taken at UMHB	1 1 12 3 3