## Biology (B.S.) — Pre-Clinical Lab Science 2022-2023 Academic Catalog, Bachelor of Science – Biology, Pre-Clinical Lab Science

CHRISTIAN STUDIES		lours	Biology – Pre-Clinical Lab Science		
		6	B.S. BIOLOGY MAJOR REQUIRED COURSES – PRE-CLS		36
CSBS 1311	Engaging the Old Testament	3	BIOL 1090	Freshman Evaluation (Freshman Only)	0
CSBS 1312	Engaging the New Testament	3	BIOL 1350	Biomolecules, Genes, and Cells	3
			BIOL 1150	Biomolecules, Genes, and Cells Lab	1
ENGLISH		9	BIOL 1360	Organisms, Populations, and Ecosystems	3
ENGL 1321	Rhetoric & Composition I	3	BIOL 1160	Organisms, Populations, and Ecosystems Lab	1
ENGL 1322	Rhetoric & Composition II	3	BIOL 3310	Genetics	3
ENGL	Literature	3	BIOL 3110	Genetics Lab	1
A grade of a "C"	or higher is required in ENGL 1321 and ENGL 1322.		BIOL 4090	Senior Evaluation	0
EVENOUS O COOPE COUNTY		_	BIOL 4194	Capstone Writing	1
EXERCISE & SPORT SCIENCE		2	BIOL 4295	Capstone Seminar	2
EXAC	Activity Course	1	BIOL 4370	Applied Ecology	3
EXAC	Activity Course	1	BIOL 4170	Applied Ecology Lab	1
FINE ARTS — SELECT ONE		3	Physiology Electives		
ARTS 1350	Art Appreciation	3	BIOL 2380	Microbiology	3
COMM 2335	Film Appreciation	3	BIOL 2180	Microbiology Lab	1
FINA 2330	Exploring the Fine Arts	3			
MUSI 1340	Music Appreciation	3	Biology Elective		
THEA 2350			BIOL	Biology Upper Level with Lab	4
1 MEA 235U	Introduction to the Theatre	3	BIOL	Any Biology with Lab	4
WORLD CULT	URES – SELECT ONE	3	BIOL 3340	Immunology	3
ARTS 2354	World Art	3	BIOL	Biology Electives	2
EXSS 2353	Lifespan Nutrition	3	No grade lower t	han a "C" will count toward fulfillment of Biology major req	uirements
HIST 1311	History of World Civilizations to 1500	3			
HIST 1312	History of World Civilizations since 1500	3	DECLUBED CO	OURSES FOR PRE-CLINICAL LAB SCIENCE	14
MUSI 2358	World Music	3	CHEM 3410	Organic Chemistry I	<b>14</b>
PHIL 2315	Introduction to Philosophy	3	CHEM 3400	Quantitative Analysis	4
LAB SCIENCE		8	CUENA 4420	or Displayed	4
CHEM 1410	General Chemistry I	4	CHEM 4430	Biochemistry	4
CHEM 1420	General Chemistry II	4	MATH 1306 WRIT 3344	College Algebra Scientific Writing	3
PUBLIC SPEAKII		3			_
COMM 1320 Public Speaking		3	Upper Level Electives Electives		7 17
MATHEMATICS		2	Tatalilla		
MATH 2303	Statistics	<b>3</b>	Total Hours	( D.C	16
WIATTI 2303	Statistics	J	Academic Core		46
RESEARCH MET	THODS OR INTERNSHIP	2		ajor Required Courses	36
BIOL 2170	Research Methods	1		ses for Pre-Clinical Lab Science	14
			Upper Level El	ectives	7
BIOL 2171	Research Methods	1	Electives		17
SOCIAL SCIENCE – SELECT ONE		3	i otal nours red	quired for graduation	120
BECO 2310	Principles of Economics	3	A d distinguish Com	dustina Demoissana	
PSYC 1301	General Psychology	3	Additional Graduation Requirements Minimum Upper Level hours		26
PSYC 2399	Child and Adolescent Development	3	Minimum Opper Level nours  Minimum hours taken at UMHB		36
SOCI 1311	Introduction to Sociology	3			30
SOCW 2311	Introduction to Social Work	3	Minimum Upp Minimum cum	er Level hours taken at UMHB Julative GPA	24 2.0
US HISTORY (	OR US GOVERNMENT – SELECT ONE	3			
HIST 2311	American History to 1877	3			
HIST 2312	American History since 1877	3			
POLS 2310	State and Federal Government I	3			
POLS 2311	State and Federal Government II	3			
FRESHMAN SEI	MINAR	1			
UMHB 1101	Freshman Seminar	1			
CHAPEL-1 to 4	credits				
UMHB 1002	Chapel				
Fine Arts Experi	ience – 2 to 8 credits				
UMHB 1005	Fine Arts Experience				