

Mathematics (B.S.) 7-12 Cert. – Foreign Language

2024-2025 Academic Catalog, Bachelor of Science – Mathematics, Optional Global Emphasis: Foreign Language

Academic Core for B.S.		58 Hours	Mathematics	65 Hours	
CHRISTIAN STUDIES		6	B.S. MATHEMATICS MAJOR REQUIRED COURSES 38		
CSBS 1311	Engaging the Old Testament	3	MATH 2303	Statistics	3
CSBS 1312	Engaging the New Testament	3	MATH 2320	Linear Algebra	3
ENGLISH		9	MATH 2430	Calculus II	4
ENGL 1321	Rhetoric & Composition I	3	MATH 3093	Junior Seminar	0
ENGL 1322	Rhetoric & Composition II	3	MATH 3314	Geometry	3
ENGL	Literature	3	MATH 3315	History of Mathematics	3
<i>A grade of a "C" or higher is required in ENGL 1321 and ENGL 1322.</i>			MATH 3320	Foundations of Higher Mathematics	3
EXERCISE & SPORT SCIENCE – SELECT TWO DIFFERENT COURSES		2	MATH 3325	Ordinary Differential Equations	3
EXAC	Activity Course	1	MATH 3430	Calculus III	4
EXAC	Activity Course	1	MATH 3341	Numerical Analysis	3
FINE ARTS – SELECT ONE		3	MATH 4293	Senior Seminar	-
ARTS 1350	Art Appreciation	3	MATH 4310	Analysis	3
COMM 2335	Film Appreciation	3	MATH 4320	Abstract Algebra	3
FINA 2330	Exploring the Fine Arts	3	MATH 4385	Mathematical Probability and Statistics	3
MUSI 1340	Music Appreciation	3	<i>The hours for MATH 4293 are already accounted for in the Academic Core</i>		
THEA 2350	Theatre Appreciation	3	MINOR IN PEDAGOGY (SECONDARY LEVEL CERTIFICATION) 27		
WORLD CULTURES – SELECT ONE		3	EDUC 3315	Students and Learning	3
ARTS 2354	World Art	3	EDUC 4324	Classroom Management	3
EXSS 2353	Lifespan Nutrition	3	EDUC 4328	Curriculum Design	3
GLBL 2310	Cultural Immersion	3	EDUC 4385	Educational Internship	3
HIST 1311	History of World Civilizations to 1500	3	READ 4326	Disciplinary Literacy	3
HIST 1312	History of World Civilizations since 1500	3	EDUC 4250	Certification Preparation Seminar	2
HUMA 2355	Foundations of the Humanities	3	EDUC 4501	Student Teaching I	5
MUSI 2358	World Music	3	EDUC 4502	Student Teaching II	5
PHIL 2315	Introduction to Philosophy	3	Total Hours		
LAB SCIENCE		8	Academic Core for B.S.	50	
PHYS 2421	Physics I with Calculus	4	Global Emphasis – Foreign Language	8	
	Laboratory Science Course	4	B.S. Mathematics Major Required Courses	38	
PUBLIC SPEAKING		3	Minor in Pedagogy (Secondary Level Certification)	27	
COMM 1320	Public Speaking	3	Total hours required for graduation	123	
MATHEMATICS		4	Additional Graduation Requirements		
MATH 1430	Calculus I	4	Minimum Upper Level hours	36	
RESEARCH METHODS OR INTERNSHIP		2	Minimum hours taken at UMHB	30	
MATH 4293	Senior Seminar	2	Minimum Upper Level hours taken at UMHB	24	
SOCIAL SCIENCE – SELECT ONE		3	Minimum cumulative GPA	2.75	
PSYC 1301	General Psychology	3			
PSYC 2399	Child and Adolescent Development	3			
US HISTORY OR US GOVERNMENT – SELECT ONE		3			
HIST 2311	American History to 1877	3			
HIST 2312	American History since 1877	3			
POLS 2305	United States Government	3			
POLS 2306	Texas State and Local Government	3			
CLASSROOM TECHNOLOGY		3			
EDUC 2311	Classroom Technology	3			
FRESHMAN SEMINAR		1			
UMHB 1101	Freshman Seminar	1			
GLOBAL EMPHASIS – FOREIGN LANGUAGE		8			
8 credit hours (2 semesters or the equivalent) in one language		8			
CHAPEL – 1 to 4 credits					
UMHB 1002	Chapel				
Fine Arts Experience – 2 to 8 credits					
UMHB 1005	Fine Arts Experience				